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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ROBERT GRAY (FT HOOD) TX WBAN #03902
N 31 04 W 097 50 FLD ELEV 1015 FT GRK WMO #

PARTS A-F
POR FROM HOURLY OBS: SEP 68 - DEC 70, JAN 73 - AUG 80

POR FROM DAILY OBS: OCT 50 - DEC 70, JAN 73 - AUG 80

TIME CONVERSION GMT TO LST: -6

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Wayne E. McCollom

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

FOR THE COMMANDER

Walter S. Burgmann

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REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER: USAFETAC/DS- 81/028	2 GOVT ACCESSION NO.: AD-A098 611
	3 RECIPIENT'S CATALOG NUMBER:
4 TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Gray AAF, FT Hood, TX	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: 13 Jan 81 13 NUMBER OF PAGES: 457
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16 DISTRIBUTION STATEMENT (of this Report)

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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 Gray AAF, FT Hood, TX
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds: (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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

Texas
Gray AAF (FT.Hood)TX

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.

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

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

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following [illegible] 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 for stations maintaining limited observing schedules did not report certain hours [illegible] of month during the available period of record. Such missing sheets are listed below, and are applicable to the [illegible] observations.

JANUARY	APRIL	JULY
FEBRUARY	MAY	AUGUST
MARCH	JUNE	SEPTEMBER

This RUSSWO was produced combining the period of

record for Robert Gray AAF TX and Fort Hood TX.

Robert Gray AAF TX	Oct 50-Oct 60
	Jul 70-Dec 70
	Jan 73-Aug 80
Fort Hood TX	Nov 60-Jun 70

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
03902	FORT HOOD/ROBERT GRAY AAF TEXAS	N 31 04	W 097 50	1015	GRK	

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	Gray AFB, Fort Hood Texas	AF	Sep 50	Apr 53	N 31 04	W 97 49	1025	1027 ft	24
2	Gray AFB Killeen Texas	Same	Apr 53	Mar 55	Same	Same	Same	1022 ft	24
3	Same	Same	Apr 55	Sep 60	Same	Same	1015	Same	24
4	Same	Same	Oct 60	Mar 61	Same	Same	Same	Same	13
5	Gray AFB Fort Hood	AAF	Nov 64	Jun 70	Same	W 97 50	Same	Same	09-17
6	Same	Same	Jul 70	Dec 78	Same	Same	Same	Same	24
7	Same	Same	Jan 79	Aug 80	Same	Same	Same	Same	Same

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	8 Apr 53	Located on top of control tower	Seisyn	N/A	96 ft	
2	1 Apr 55	Same	Same	ML 183-A	120 ft	
3	12 Aug 57	Located 1500 ft E of weather stn	GMQ-11	N/A	N/A	
4	3 Nov 64	Located 500 ft E of the centerline of the rnwy	AN/GMQ-11/20	RO-2 and ID-373	10 ft	
5	3 Apr 68	Located 500 ft E, 1700 ft S of N end of rnwy	Same	RO-2	Same	
6	1 Jan 71	Located 450 ft E, 1700 ft S of N end of rnwy	Same	RO-362	Same	
7	Dec 78	Located 450 ft E, 1700 ft S of N end of rnwy	AN/GMQ-20	RO-362	10 ft	

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PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 60 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.

74 29060

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WEATHER CONDITIONS

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — STATION NAME
69-70,73-80 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	.2	9.0	2.0	1.2		12.0	14.3	.3	.1		14.7	930
	03-05		10.3	1.8	.3		12.5	17.5				17.5	930
	06-08	.4	12.2	2.0	.4		14.6	22.5	.1			22.6	930
	09-11	.2	10.8	1.3	.5	.1	12.6	20.0	.4	.2		20.6	930
	12-14		9.8	1.4	.6		11.7	13.9	.2	.4		14.3	928
	15-17	.5	9.1	1.2	.6		10.9	10.9				10.9	930
	18-20	.4	10.8	1.7	1.1		13.0	12.0				12.0	930
	21-23	.3	10.3	1.5	1.2		12.9	13.1				13.1	930
TOTALS		.3	10.3	1.6	.7	.0	12.5	15.5	.1	.1		15.7	7438

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WEATHER CONDITIONS

03902 — STATION

ROBERT GRAY AAF TX (FORT [illegible]) — STATION NAME

[illegible]-70,73-89 — YEARS

FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITION [illegible] HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02	.2	10.6	.6	1.1		11.3	12.8	.6	.2	.7	14.3	846
	03-05	.1	12.2	.7			13.0	16.7	.8		.2	17.3	846
	06-08	.5	11.5	1.1	.2		13.6	22.2	1.1	.1	.4	23.0	846
	09-11	1.2	11.3	.6	.9	.1	12.6	18.6	2.4		.5	19.7	846
	12-14	.4	8.3	.7	.8		9.8	9.6	1.3		.4	10.8	846
	15-17		8.0	.2	.7		9.0	8.3	1.2	.1	.8	10.4	846
	18-20	.2	7.8	.5	.8		8.7	9.3	1.5	.4	.7	11.7	846
	21-23	.5	8.6	.6	1.3		9.9	9.1	.6	.4	.4	10.4	846
TOTALS		.4	9.7	.6	.9	.0	11.0	13.3	1.2	.2	.5	14.7	6768

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (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	1.3	10.9				10.9	9.6			.1	9.7	930
	03-05	1.5	13.2		.1		13.2	12.0			.3	12.4	930
	06-08	1.4	13.8		.1		13.8	18.1	1.0		.8	19.2	930
	09-11	.9	11.3	.1	.1		11.4	14.3	1.7		.3	15.7	930
	12-14	.1	7.8	.1	.2		8.2	8.5	2.0			10.1	930
	15-17	.5	7.6				7.6	5.2	1.4		.1	6.3	930
	18-20	1.6	8.1			.1	8.1	7.0	.9		.5	8.2	930
	21-23	2.2	8.3		.1		8.3	8.3	.6		.1	8.7	930
TOTALS		1.2	10.1	.0	.1	.0	10.2	10.4	1.0		.3	11.3	7440

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WEATHER CONDITIONS

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — STATION NAME
69-70,73-80 — YEARS
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% 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	2.2	9.6				9.6	9.6	.1		.8	10.4	900
	03-05	2.0	11.8				11.8	13.2	.9		.1	14.1	900
	06-08	2.1	13.0		.1		13.1	24.4	3.4		.1	26.7	900
	09-11	1.6	11.6		.1		11.6	14.0	1.6			15.1	900
	12-14	1.1	9.4				9.4	6.0	.2			8.1	900
	15-17	1.2	5.8				5.8	3.9	.9			4.8	900
	18-20	2.3	5.9				5.9	4.0	.9			4.9	900
	21-23	2.4	5.7				5.7	5.7	.7		.2	6.4	900
TOTALS		1.9	9.1		.0		9.1	10.4	1.1		.2	11.3	7200

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WEATHER CONDITIONS

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — STATION NAME
69-70,73-80 — YEARS
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% 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	2.2	5.7				5.7	5.2	1.1			5.6	930
	03-05	1.5	7.4				7.4	10.4	1.5			11.1	930
	06-08	1.8	8.4				8.4	21.7	3.1			23.1	930
	09-11	1.6	6.1				6.1	6.3	1.1			7.3	930
	12-14	1.9	5.3				5.3	2.2	.9			2.9	930
	15-17	4.2	8.3				8.3	2.4	1.4		.1	3.5	930
	18-20	4.5	5.9				5.9	2.6	.9			3.3	930
	21-23	3.7	5.4				5.4	1.9	1.3			3.2	930
TOTALS		2.7	6.6				6.6	6.6	1.4		.0	7.5	7440

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WEATHER CONDITIONS

03902 ROBERT GRAY AAF TX (FORT HOOD) 69-70,73-80 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02	2.0	3.3				3.3	1.3	.4			1.8	900
	03-05	1.9	3.6				3.6	4.0	1.3			4.6	900
	06-08	1.1	3.3				3.3	7.3	2.4			9.0	900
	09-11	.8	2.4				2.4	.4	.2			.7	900
	12-14	1.8	3.7				3.7	.3				.3	900
	15-17	2.4	3.7				3.7						900
	18-20	2.6	2.0				2.0						900
	21-23	2.8	3.2				3.2						898
TOTALS		1.9	3.2				3.2	1.7	.5			2.1	7198

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	1.3	3.1			.1	3.1	1.7	.9			2.5	927
	03-05	.8	2.3				2.3	3.6	1.3			4.3	927
	06-08	.4	2.9				2.9	6.8	2.2			7.6	930
	09-11	.1	2.6				2.6	1.5	1.5			2.6	930
	12-14	1.2	2.9			.1	2.9	.3	1.2			1.5	930
	15-17	3.5	3.8				3.8	.3	1.1			1.4	930
	18-20	2.9	3.2				3.2	.3	1.2			1.5	930
	21-23	.9	2.2				2.2	.4	.8			1.2	930
TOTALS		1.4	2.9			.0	2.9	1.9	1.3			2.8	7434

434

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.2	2.0				2.0	1.6	.4			2.0	930
	03-05	1.0	3.3				3.3	3.4	.8			3.9	930
	06-08	1.0	3.7				3.7	7.7	5.2			11.5	930
	09-11	.4	3.5				3.5	2.9	1.2			4.0	930
	12-14	.8	4.1				4.1	.6	1.2			1.8	930
	15-17	2.9	4.9				4.9	.3	1.1			1.4	930
	18-20	4.5	5.4				5.4	.6	1.6			2.3	927
	21-23	1.2	2.3				2.3	.9	.4			1.3	927
TOTALS		1.6	3.7				3.7	2.3	1.5			3.5	7434

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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	.9	6.2				6.2	6.6	.7			7.1	900
	03-05	.8	6.3				6.3	8.6	1.0			8.8	900
	06-08	.7	7.3				7.3	16.8	7.0			20.0	900
	09-11	.1	7.4				7.4	7.2	4.1			11.0	900
	12-14	1.0	7.2				7.2	3.4	1.9			5.2	900
	15-17	2.4	6.2				6.2	1.8	.9			2.7	900
	18-20	1.8	5.9				5.9	2.2	.6			2.7	900
	21-23	.6	5.1				5.1	3.8	.9			4.7	900
TOTALS		1.0	6.5				6.5	6.3	2.1			7.8	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.3	4.9				4.9	4.6	.9			5.1	930
	03-05	.4	5.6				5.6	8.0	1.1			8.0	930
	06-08	1.1	7.5				7.5	19.0	1.9			19.4	930
	09-11	1.0	7.0				7.0	8.9	1.4		.2	10.2	930
	12-14	.5	4.9				4.9	3.3	.4		.1	3.9	930
	15-17	.8	5.5				5.5	2.0	.4			2.5	930
	18-20	1.2	5.9				5.9	2.5	.4			2.7	930
	21-23	1.0	6.1				6.1	2.8	.8			3.2	930
TOTALS		.8	5.9				5.9	6.4	.9		.0	6.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.4	5.6		.3		5.9	6.4	.2			6.6	900
	03-05	.7	8.0		.3		8.2	9.0			.1	9.1	900
	06-08	.3	9.2		.1		9.2	14.8	.9		.3	15.4	900
	09-11	.7	7.9		.4	.2	8.1	8.9	1.6		.3	10.3	900
	12-14		6.3		.2	.1	6.6	5.1	.2			5.3	900
	15-17	.1	6.9		.6		7.1	5.3	.2		.3	5.7	900
	18-20	.7	6.1		.2		6.3	6.6			.2	6.8	900
	21-23	.7	6.7		.2		6.7	5.9	.1			6.0	900
TOTALS		.5	7.1		.3	.0	7.3	7.8	.4		.2	8.2	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

03902	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	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		6.7	.6	.1		7.3	9.9	.4		.4	16.8	928
	03-05	.4	8.0	.6			8.6	11.5	.3		.4	12.2	930
	06-08	.1	9.0	.2			9.2	12.8			.4	13.2	930
	09-11	.1	8.0	.3			8.3	11.0	.2		.4	11.6	930
	12-14		6.3	.5	.1		6.9	6.9	.3		.1	7.2	930
	15-17		6.2	.5			6.8	5.7	.9		.1	6.6	930
	18-20		6.3	.1			6.4	6.9	1.0		.5	7.8	927
	21-23	.2	5.1	1.2	.1		6.4	8.3	.9		1.2	9.9	927
TOTALS		.1	7.0	.5	.0		7.5	9.1	.5		.4	9.9	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-80 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.3	10.3	1.6	.7	.0	12.5	15.5	.1	.1		15.7	7438
FEB		.4	9.7	.6	.9	.0	11.0	13.3	1.2	.2	.5	14.7	6768
MAR		1.2	10.1	.0	.1	.0	10.2	10.4	1.0		.3	11.3	7440
APR		1.9	9.1		.0		9.1	10.4	1.1		.2	11.3	7200
MAY		2.7	6.6				6.6	6.6	1.4		.0	7.5	7440
JUN		1.9	3.2				3.2	1.7	.5			2.1	7198
JUL		1.4	2.9			.0	2.9	1.9	1.3			2.8	7434
AUG		1.6	3.7				3.7	2.3	1.5			3.5	7434
SEP		1.0	6.5				6.5	6.3	2.1			7.8	7200
OCT		.8	5.9				5.9	6.4	.9		.0	6.9	7440
NOV		.5	7.1		.3	.0	7.3	7.8	.4		.2	8.2	7200
DEC		.1	7.0	.5	.0		7.5	9.1	.5		.4	9.9	7432
TOTALS		1.2	6.8	.2	.2	.0	7.2	7.6	1.0	.0	.1	8.5	87624

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

03902 (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) | 50-70, 73-80 (YEARS) | ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.1	37.6	5.4	4.3	.2	38.8	35.7	4.9	.7		36.7	837
FEB		6.8	37.2	3.5	4.8	.7	38.3	33.2	6.6	.5	.7	35.6	753
MAR		11.7	37.2	.5	1.4	1.1	37.6	30.8	7.6		.2	32.2	854
APR		18.5	42.0		.1	1.2	42.0	34.2	10.0		.4	37.2	936
MAY		21.1	42.2			2.0	42.2	33.9	12.3			35.8	868
JUN		16.2	28.9			.2	28.9	16.5	7.4			19.3	840
JUL		11.6	20.7			.5	20.6	8.4	5.0			9.7	867
AUG		14.3	25.3			.3	25.3	10.0	5.9			13.0	868
SEP		11.9	30.6			.1	30.6	24.9	11.6			28.3	792
OCT		6.8	24.1		.1	.1	24.1	25.5	5.9		.1	26.7	868
NOV		4.4	30.2	.2	1.5	.2	30.4	29.8	6.9			30.7	810
DEC		2.7	28.4	2.0	1.4		28.6	29.4	5.7		.2	30.6	837
TOTALS		10.8	32.0	1.0	1.1	.5	32.3	26.0	7.5	.1	.1	28.0	10042

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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 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

74-29961

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — STATION NAME
5?-7?, 73-8? — 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 30 4	OVER 30 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]	6.2	3.1	6.2	3.2	5.3	3.[illegible]	1.3	1.1					23.3	837	1.55	8.61	.2[illegible]
FEB	[illegible]	13.9	2.4	4.6	2.4	5.7	3.9	3.5	1.8	.3				24.5	791	2.42	6.31	.34
MAR	61.[illegible]	15.2	2.7	5.2	3.4	4.[illegible]	3.4	2.8	1.3	.1				22.8	854	1.99	4.34	.02
APR	57.4	16.4	3.9	4.6	2.9	3.8	2.7	4.8	2.6	.7				26.1	839	3.40	13.23	.2[illegible]
MAY	57.[illegible]	16.2	2.1	4.1	2.6	3.7	4.5	4.4	4.1	.1	.1			25.8	868	4.38	13.9[illegible]	.98
JUN	7[illegible]	11.7	1.7	2.3	1.5	2.5	3.3	4.5	1.7	.4				17.9	839	2.62	6.32	.0[illegible]
JUL	78.9	7.8	1.8	2.5	1.3	2.2	2.6	1.3	1.5					13.2	868	1.48	5.68	TRACE
AUG	73.[illegible]	[illegible]0.1	1.0	2.5	2.[illegible]	3.5	3.[illegible]	2.[illegible]	2.[illegible]	.3				16.4	868	2.40	13.84	TRACE
SEP	69.[illegible]	9.[illegible]	[illegible].2	3.9	1.9	4.3	3.7	3.4	2.4	.6				21.7	792	3.15	7.43	TRACE
OCT	76.[illegible]	8.[illegible]	1.1	2.6	2.[illegible]	2.4	1.7	2.6	2.5	.7	.2			15.8	836	3.[illegible]6	8.5[illegible]	.0[illegible]
NOV	69.[illegible]	[illegible].1.2	1.4	3.[illegible]	2.8	4.7	3.2	2.6	1.7	.1				19.5	810	2.08	4.60	TRACE
DEC	71.[illegible]	[illegible]1.0	2.5	4.4	1.7	4.[illegible]	1.7	1.8	1.6					17.7	837	1.58	5.43	TRACE
ANNUAL	67.[illegible]	12.2	2.1	3.8	2.[illegible]	3.8	3.[illegible]	2.9	2.[illegible]	.3	.[illegible]			2[illegible].4	13039	3[illegible].11		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 50-70, 73-80 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50										1.92	.12	TRACE	
51	.13	.69	2.92	1.05	2.49	.86	.01	.34	1.40	.16	.59	.06	2.92
52	.69	1.06	1.04	1.89	1.53*	.45	.09	.58	.56	.00	1.78	1.72	1.89
53	.78	.28	.63	1.28	4.50	.15	.61	.16	1.31	1.92	.81	1.20	4.50
54	.31	.60	.43	1.10	.96	.27	.57	.78	.22	.48	1.45	.04	1.45
55	.77	1.32	.52	.91	.88	1.19	.47	.84	1.03	.16	.74	.16	1.32
56	1.13	.89	.01	.19	1.86	.04	.11	.85	TRACE	1.07	1.44	1.51	1.86
57	.66	.79	1.90	3.68	1.87	.84	.49	TRACE	2.92	4.37	.49	.54	4.37
58	.37	4.09	.41	1.32	1.73	3.77	.74	.45	.89	.96	1.21	.59	4.09
59	.13	1.16	.20	1.02	.47	1.11	.74	4.33	.91	5.16	.87	1.68	5.16
60	.98	1.42	.68	.98	.59	.63	2.14	1.47*	TRACE				
61		2.53*	1.25	.10	.86	1.02	1.28	.95	4.76	.94	1.50	.25	
62	.22	.78	1.07	1.71	2.50	1.47	.02	.28	1.02	2.76	.69	.49	2.76
63	.15	.67	.66	1.00	.36	.75	.12	.40	.81	3.07	.85	1.54	3.07
64	1.38	.36	.82	.67	1.49	1.41	.02	1.13	4.28	1.97	.98	1.07	4.28
65	1.96	1.20	1.53	.94	8.92	3.44	1.55	1.03	1.79	1.24	2.64	1.35	8.92
66	.37	.98	.93	1.36	.42	.54	.05	2.40	1.17	.21	.14	.17	2.40
67	.29	.44	.53	1.39	2.15	.05	.04	1.64	2.06	1.04	1.78	.75	2.15
68	2.25	.70	2.03	1.14	1.66	.62	1.53	1.00	3.47	.21	1.35	.08	3.47
69	.16	1.49	.96	2.66	1.06	.55	.28	1.95	.61	1.66	.93	1.94	2.66
70	.82	1.41	1.93	.76	1.96	1.57	.41	.33	1.77	.66	TRACE	.37	1.96
73	1.19	.62	1.46*	.75	.81	1.00	1.41	TRACE	3.25*	2.31	.21	.19	3.25
74	.77	.72	.72	1.44	1.33	1.98	.88	4.81	1.67	4.08	1.40	.86	4.81
75	.58	2.17	.28	.82	2.44	.75	1.25	1.78	1.26	2.88	.50	1.49	2.88
76	.20	.22	.74	1.70	1.42	2.62	2.35	1.11	1.34	4.50	.56	.68	4.50
77	.35	.50	1.63	3.90	.46	.95	.07	.93	.73	1.76	1.01	.21	3.90
78	.17	1.21	1.00	.40	.84	.72	1.17	.72	1.45	1.59	2.24	.12	2.24
79	1.04	.88	.61	.22	2.37	1.26	1.83	1.29	.71	.91	.70	1.15	2.37
80	.53	1.29	1.49	1.08	2.36	1.62	TRACE	.01					
MEAN	.666	1.088	1.005	1.286	1.796	1.155	.723	1.127	1.592	1.757	.999	.749	3.393
S D	.550	.789	.665	.904	1.662	.916	.706	1.146	1.204	1.477	.643	.621	1.645
TOTAL OBS	837	791	854	839	868	839	868	868	792	836	810	837	10039

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 50-70, 73-80 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50										1.92	.14	TRACE	
51	.21	1.70	3.41	1.54	5.57	2.59	.01	.54	3.12	.56	.86	.16	20.27
52	.88	2.60	2.93	6.48	5.41*	.50	.22	.71	.93	.00	3.82	5.43	*29.91
53	.64	1.27	1.95	2.94	8.39	.21	.76	.45	3.16	5.08	.95	2.20	28.00
54	.55	.70	.73	1.47	2.25	.66	.94	1.19	.34	.95	2.66	.04	12.48
55	1.66	3.38	.61	1.07	3.69	5.03	1.43	2.33	2.15	.20	1.04	.16	22.75
56	2.40	1.24	.02	.54	4.09	.05	.13	1.24	TRACE	1.26	2.85	2.58	16.40
57	1.49	2.52	4.12	13.23	5.67	2.77	.97	TRACE	3.74	7.77	2.84	.96	46.08
58	1.38	6.31	1.14	3.38	5.21	5.53	.85	.78	1.93	2.89	1.65	1.42	32.67
59	.31	3.27	.25	2.31	1.20	5.44	1.66	8.40	2.20	8.50	1.80	3.94	39.28
60	1.50	2.28	.88	2.60	1.24	1.51	4.50	3.23*	TRACE				
61		5.30*	2.12	.21	1.25	4.45	4.18	1.37	6.72	1.38	3.92	1.20	
62	.61	1.51	1.22	4.42	3.57	6.32	.02	.45	2.36	5.21	1.91	1.46	29.06
63	.32	.98	.72	2.61	.98	1.43	.13	.74	1.27	3.29	2.95	2.41	17.83
64	2.56	1.16	2.01	1.61	2.20	2.63	.03	1.87	7.43	2.04	2.33	1.24	27.11
65	2.56	4.28	2.56	2.01	13.90	4.08	1.66	1.99	3.43	2.88	3.72	3.21	46.28
66	1.35	2.83	.99	5.27	1.21	.86	.07	4.24	5.71	.23	.14	.38	23.28
67	.36	.51	1.16	3.20	3.50	.05	.07	2.28	3.60	3.73	3.82	2.27	24.55
68	8.61	2.32	4.34	2.78	6.30	2.86	4.36	1.06	4.78	.52	4.60	.14	42.67
69	.61	2.73	3.32	7.06	1.82	.61	.29	6.94	1.98	4.41	1.70	3.17	34.64
70	1.35	4.51	3.99	1.08	5.90	2.88	.66	.99	4.89	1.16	TRACE	.41	27.82
73	3.56	2.65	2.89*	2.98	2.53	3.35	4.08	TRACE	6.03*	7.33	.52	.21	*36.13
74	2.37	.72	1.58	3.41	3.26	2.75	1.74	13.84	3.90	8.22	2.35	2.10	46.24
75	1.48	3.75	1.28	1.66	11.30	1.45	1.95	3.76	2.49	5.48	.83	1.81	37.24
76	.20	.34	2.29	6.69	4.67	4.48	5.68	1.70	4.02	6.93	1.43	1.93	40.36
77	1.30	1.18	2.74	9.54	1.22	2.14	.07	1.60	1.36	2.05	1.91	.35	25.36
78	.92	3.32	1.09	.66	2.21	1.88	1.18	1.73	3.05	1.65	4.44	.22	22.35
79	1.67	2.10	3.17	.90	6.29	2.51	3.83	3.69	1.37	1.28	.77	3.25	30.83
80	1.12	2.24	2.43	3.06	7.70	2.12	TRACE	.01					
MEAN	1.554	2.418	1.993	3.397	4.376	2.616	1.481	2.398	3.152	3.061	2.076	1.580	30.154
S D	1.644	1.479	1.238	3.000	3.155	1.761	1.704	2.990	1.919	2.617	1.368	1.401	9.961
TOTAL OBS	837	791	854	839	868	839	868	868	792	836	810	837	10039

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] ROBERT GRAY AAF TX (FORT HOOD) 58-70, 73-80
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	51 100	1 01 2 50	2 51-5 00	5 01-10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	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	96.1	2.3	.7	.2	.2	.2		.1						1.6	836	.7	4.8	.0
FEB	95.4	3.	.3	1.1	.3			.1	.1					1.8	763	.9	8.2	.0
MAR	98.9	1.		.1										.1	867	TRACE	1.2	.0
APR	99.9	.1													839	TRACE	TRACE	.0
MAY	100.														868	.0	.0	.0
JUN	100.														840	.0	.0	.0
JUL	100.														868	.0	.0	.0
AUG	100.														868	.0	.0	.0
SEP	100.														792	.0	.0	.0
OCT	99.9	.1													836	TRACE	TRACE	.0
NOV	98.3	1.1	.1	.4	.1									.6	810	.2	1.8	.0
DEC	98.0	1.3			.1									.1	837	.1	1.5	.0
ANNUAL	98.9	.7	.1	.1	.1	.0		.0	.0					.3	10024	1.9		

USAFETAC FORM OCT 75 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)

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 50-70, 73-80 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50										.0	.0	.0	
51	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
52	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	1.5
56	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	1.1
58	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	.0	TRACE	.0	.0	.0	.0	.0	.0*	.0				
61			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
63	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.5
64	4.8	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1
65	.0	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
66	2.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.7
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE
68	* .0	TRACE	*TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
70	.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
73	2.3	1.2	.0*	.0	.0	.0	.0	.0	.0*	.0	.0	.0	2.3
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	2.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
78	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
79	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
80	.0	TRACE	.0	TRACE	.0	.0	.0	.0					
MEAN	.62	.77	.04	TRACE	.00	.00	.00	.00	.00	TRACE	.13	.06	1.27
S D	1.234	1.762	.231	.000	.000	.000	.000	.000	.000	.000	.391	.289	1.895
TOTAL OBS	836	763	867	839	868	840	868	868	792	836	810	837	10024

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 50-70, 73-80 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50										.0	.0	.0	
51	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.5
52	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	2.1
56	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	1.8
58	TRACE	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	.0	TRACE	.0	.0	.0	.0	.0	.0*	.0				
61			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
63	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.5
64	4.8	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.9
65	.0	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
66	2.0	8.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	10.2
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE
68	* .0	TRACE	*TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	*TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
70	.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
73	2.7	2.6	.0*	.0	.0	.0	.0	.0	.0*	.0	.0	.0	* 5.3
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	3.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	1.3
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
78	.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.6
79	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
80	.0	TRACE	.0	TRACE	.0	.0	.0	.0					
MEAN	.69	.89	.04	TRACE	.00	.00	.00	.00	.00	TRACE	.17	.06	1.91
S D	1.347	1.923	.231	.000	.000	.000	.000	.000	.000	.000	.496	.289	2.895
TOTAL OBS.	836	763	867	839	868	840	868	868	792	836	810	837	10024

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

3903 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 50-70, 73-80 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR. ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11-25	26 50	51 100	101-250	251 500	501 1000	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	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	97.7	1.0	.6	.2	.3	.2								1.3	868			
FEB	97.3	1.5	.8	.1		.3								1.1	791			
MAR	99.9		.1											.1	868			
APR	100.0														839			
MAY	100.0														868			
JUN	100.0														840			
JUL	100.0														868			
AUG	100.0														868			
SEP	100.0														810			
OCT	100.0														867			
NOV	99.5	.4	.1											.1	839			
DEC	99.9		.1											.1	868			
ANNUAL	99.5	.2	.1	.0	.0	.0								.2	10194			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 50-70, 73-80 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50										0	0	0	
51	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	1	0	0	0	0	0	0	0	0	0	0	0	1
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
57	0	0	0	0	0	0	0	0	0	0	1	0	1
58	0	1	0	0	0	0	0	0	0	0	0	0	1
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
61	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	TRACE	0	0	0	0	0	0	0	0	0	1	1
64	4	5	0	0	0	0	0	0	0	0	0	0	5
65	0	2	1	0	0	0	0	0	0	0	0	0	2
66	1	5	0	0	0	0	0	0	0	0	0	0	5
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0*	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
73	3	1	0*	0	0	0	0	0	0*	0	0	0	3
74	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
75	2	1	0	0	0	0	0	0	0	0	0	0	2
76	0	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	TRACE	0	0	0	0	0	0					
MEAN	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
S D	.997	1.343	.189	.000	.000	.000	.000	.000	.000	.000	.192	.189	1.405
TOTAL OBS	868	791	868	839	868	840	868	868	810	867	839	868	10194

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 56-70, 73-80 (YEARS)

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
56								WNW*44	NNE 27S	32S	34S	33	
57	N 37	NW 36	W 42	5SE 40	W 35S	24W	28S	28	NNW 49	NW 32	N 35	W 42	NNW 49
58	NNW 41	W 44	W 37	W 37	NNE 36	ENE 30S	31	SSE 22	SE 30	N 26	NNW 44	SW 30	W 44
59	NNW 36	S 35	WNW 43	5SE 40	S 39S	40	NE 29	N 42	S 41	NNE 26	NNW 36	WNW 33	WNW 43
60	W 38	WNW 36	W 31	ESE 33	N 35S	34	SE 32	N 34	E *22				
61		W *36	W 42	WNW 40	SW 41	NW 37	NNE 31	NE 48	NW 34	W 53	WSW 33		
62	WNW 39	WNW 34	W 47	5E 34	SSW 37S	42	5SSW 30	ESE 29	NNE 29S	50	NE 31	NNE 33	S 50
63	N 38	NE 51	N 38	NNW 45	SSE*30	SE *23	S *28	ESE 32	ENE 29	5SE 35	N 37	N 27	NE 51
64	WNW 34	W *33	W *43	E 29	W 30	NE 31	N 29	NNW 29	N 32	5SE 35	NNE 27		
65	W 33	NW 33	NW 37S	32	NNE 37S	36	ENE 41	N 45	ESE 33	5SE 29	NW 29	5SE 32	N 45
66	SSE 27	SSE 34	NNW 37	5E 31	N 30S	29	N 24	5SE 26	N 38	NNE 37	5SE 34	NW 31	N 38
67	S *35	NNW 39	NW 32	WSW 35	W 51	5SE 31	5SE 33	NNE*30	N 32	NNW 37	NW *34	N *37	W 51
68	NNW*37	NNW 36	NW 34	N *38	N 34	NW 43	16* 28	14/ 34	18/ 33	34/ 24	29/ 31	29/ 35	NW 43
69	36/ 34	20/ 32	27/ 37	35/ 33	27/ 52	15/ 47	13/ 34	6/ 33	34/ 32	16/ 29	10/ 36	35/ 32	27/ 52
70	34/ 35	21/ 35	5/ 34	33/ 36	15/ 32	31/ 35	16/ 28	27* 29	18/ 29	30/ 36	20/ 40	28/ 43	28/ 43
73	29/ 41	31/ 36	27/ 39	14/ 56	29/ 41	18/ 36	4/ 28	15/ 31	9/ 38	32/ 38	34/ 42	32/ 41	14/ 56
74	25/ 30	26/ 43	18/ 36	33/ 37	28/ 49	32/ 45	19/ 38	28/ 35	36/ 25	36/ 33	22/ 34	19/ 32	28/ 49
75	35/ 42	32/ 33	16/ 34	17/ 40	22/ 44	12/ 35	6/ 35	11/ 34	19/ 24	22/ 35	17/ 41	18/ 38	22/ 44
76	19/ 37	31/ 36	17/ 50	16/ 48	24/ 32	24/ 37	15/ 29	12/ 31	33/ 47	9/ 38	35/ 36	16/ 35	17/ 50
77	1/ 44	29/ 44	23/ 35	32/ 33	27/ 37	16/ 38	21/ 24	15/ 29	28/ 51	35/ 28	31/ 34	36/ 35	28/ 51
78	32/ 42	33/ 34	24/ 36	17/ 36	21/ 42	21/ 30	33/ 43	18/ 34	16/ 36	34/ 31	22/ 43	31/ 35	33/ 43
79	32/ 47	29/ 34	15/ 35	16/ 34	33/ 31	29/ 29	34/ 34	11/ 30	2/ 26	19/ 34	17/ 30	32/ 31	32/ 47
80	21/ 36	12/ 39	30/ 38	34/ 39	17/ 40	35/ 43	3/ 25	17/ 32					
MEAN	37.4	37.2	37.6	38.1	38.2	36.0	31.7	32.1	34.6	33.1	36.8	33.9	47.2
S.D.	4.846	4.830	4.740	6.126	6.564	6.176	5.273	5.031	8.298	5.624	5.720	4.364	4.660
TOTAL OBS.	638	566	635	630	658	631	670	674	638	647	603	639	7629

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-7. ,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	2.5	3.7	6.9	5.4	.4							18.8	8.7
NNE	.5	1.6	1.5	.2								3.9	6.5
NE	.3	.2	.4	.2								1.2	7.4
ENE	.9	.3	.2									1.4	4.1
E	.6	.8	.2									1.6	4.1
ESE	.2	.4										.6	3.7
SE	.8	1.8	.1									2.7	4.2
SSE	1.0	1.8	2.2	.3								5.3	6.4
S	2.6	8.7	5.6	2.8	.5							20.2	7.1
SSW	.4	1.4	1.7	1.8	.2							5.6	9.3
SW	.1	1.0	1.3	.2								2.6	7.3
WSW	.3	.2	.8	1.0	.1							2.4	9.5
W	.3	.6	1.7	.9	.1							3.7	8.5
WNW	.4	.5	.6	.8								2.4	7.8
NW	1.4	.8	.6	.9								3.7	6.2
NNW	1.6	3.8	2.6	2.2	.5	.2						10.9	8.3
VARBL													
CALM												13.2	
	14.0	27.6	26.5	16.6	1.9	.2						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)

13902	ROBERT GRAY AAF TX (FORT HOOD)	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	3.8	6.8	5.7	.9							19.5	9.0
NNE	.2	1.9	1.7	.8	.1							4.7	7.8
NE	.1	.8	.4	.1								1.4	6.9
ENE	.2	.6	.2									1.1	4.8
E	.8	1.1	.1									1.9	4.1
ESE	.3	.1	.1									.5	3.8
SE	.6	1.3	.1	.1								2.2	4.5
SSE	1.2	1.7	2.2	.1								5.2	5.8
S	2.7	5.9	4.0	3.2								15.8	7.1
SSW	.6	1.9	2.5	1.1	.1							6.2	8.2
SW	.5	.8	2.0	.2								3.5	7.5
WSW	.3	.8	1.2	.8	.1							3.1	8.4
W	.6	.1	1.0	1.1	.1	.1						3.0	9.5
WNW	.3	.9	1.3	.5								3.0	7.6
NW	.0	1.1	1.3	1.1								4.4	7.3
NNW	1.5	2.7	2.5	1.9	.5	.2						9.4	8.4
VARBL													
CALM												15.1	
	13.4	25.4	27.3	16.7	1.8	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3?902	ROBERT GRAY AAF TX (FORT HOOD)	69-7.,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	5.8	7.6	4.9	.9							21.4	8.6
NNE	.1	2.1	1.6	.2								4.9	6.0
NE	.4	.8	.9	.2								2.3	6.8
ENE	.2	1.0										1.2	4.3
E	.4	1.1										1.5	3.9
ESE	.5	.1	.1									.8	4.0
SE	.4	.8	.8	.1								2.0	6.2
SSE	2.0	1.5	1.6	.4								5.6	5.8
S	2.6	7.6	4.4	2.2								16.8	6.4
SSW	.4	1.3	1.8	.6								4.2	7.3
SW	.1	.5	1.0	.3								1.9	8.5
WSW	.1	.6	1.5	.8	.1	.1						3.2	9.6
W	.5	.3	2.5	.4	.2	.2						4.2	9.4
WNW	.3	.9	1.3	.5								3.0	7.6
NW	.6	1.0	1.3	1.1	.1							4.1	8.1
NNW	1.0	1.8	3.3	1.7	1.4							9.2	9.7
VARBL													
CALM												13.7	
	13.1	27.1	29.7	13.5	2.7	.3						100.0	6.6

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)

3902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	.8	4.1	8.8	5.1	1.8	.6						21.2	10.3
NNE	.6	2.0	3.8	.3								6.8	7.0
NE	.5	1.1	2.7	.5								4.8	7.3
ENE	.3	1.1	.6									2.0	5.3
E	.9	.8	.4									2.0	4.4
ESE	.3		.4									.8	5.7
SE	.1	.8	.6	.2								1.7	6.9
SSE	.2	1.6	2.6	.9								6.0	7.4
S	1.7	3.9	5.6	3.9	.3							15.4	8.4
SSW	.9	1.8	3.0	2.3	.3							8.3	9.0
SW		1.9	.9	.8	.1							3.7	8.1
WSW	.3	.5	.8	.8								2.4	8.5
W	.5	.4	.9	1.5	.5	.4						4.3	11.6
WNW	.0	.3	.6	.5	.2	.1						2.8	8.0
NW	.3	1.2	1.4	1.2	.1	.6						4.8	10.3
NNW	.5	1.2	2.6	2.2	1.3	.4						8.2	11.7
VARBL													
CALM												4.8	
	9.8	22.7	35.7	20.0	4.7	2.3						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3902	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	JAN
STATION	STATION NAME	YEARS	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	3.7	8.[illegible]	6.4	1.2	.6						20.6	10.2
NNE	.9	2.5	2.8	1.4	.1							7.7	7.7
NE	.3	.6	1.3	.6								2.9	7.7
ENE	.[illegible]	1.2	.8									2.6	5.3
E	.6	1.3	.3									2.3	4.4
ESE	1.2	.9	.5									2.6	4.5
[illegible]	.6	.5	.5	.2	.1							2.0	6.6
[illegible]	.2	1.2	1.8	1.6	.1							5.0	8.9
S	1.[illegible]	2.4	5.5	5.4	1.1	.1						15.4	10.2
SSW	.3	1.9	2.8	3.7	1.4	.3						10.5	11.3
SW	.4	1.[illegible]	1.3	1.2								3.9	8.6
WSW	.2	.6	.6	1.1								2.6	9.2
W	.4	.9	.8	1.9	.5	.[illegible]	.2					5.1	12.4
WNW	.3	.4	.5	.4	.2							1.9	8.7
NW	.6	1.[illegible]	1.3	.9	.4	.4	.2					4.8	11.0
NNW		1.5	2.4	2.5	.6	.3	.2					7.5	12.0
VARBL													
CALM												?.7	
	8.6	21.6	31.2	27.3	5.8	2.2	.6					100.0	9.4

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)

7912	ROBERT GRAY AAF TX (FORT HOOD)	69-73,73-81	JAN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.8	8.9	5.3	1.2	.1						19.1	11.0
NNE	.3	1.2	3.5	1.9								7.0	8.8
NE	.9	1.4	1.6	.8								4.6	7.0
ENE	.9	1.0	1.0	.1								2.9	5.6
E	1.3	1.9	.4									3.7	4.3
ESE	.5	2.2	1.1									3.8	5.3
SE	.6	1.4	1.6	.4								3.9	7.1
SSE	.3	1.6	3.8	.9	.2							6.8	9.4
S	.5	2.0	6.0	6.1	1.4							16.1	16.6
SSW	.5	1.3	2.3	3.0	.4							7.5	9.9
SW	.3	.8	1.7	.3								3.1	7.8
WSW	.3	.8	1.0	1.2	.1							3.3	8.6
W	.1	.2	1.1	.8	.1	.1	.1					2.5	11.7
WNW		.2	.6	1.0	.3	.2						2.4	12.7
NW	.2	1.2	.5	.1	.4	.1						2.6	9.5
NNW	.6	.9	2.4	2.4	1.4	.9						8.5	12.6
VARBL													
CALM												2.3	
	8.2	20.8	37.5	24.2	5.6	1.4	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

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)

3912 (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) | 69-70,73-80 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 1800-2100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	3.1	6.5	5.4	.5							17.0	9.1
NNE	1.2	2.6	3.5	.4								7.7	6.7
NE	.4	.8	.9									2.0	5.7
ENE	1.1	1.9		.1								3.0	4.3
E	1.8	2.7	.1									4.6	3.8
ESE	1.5	1.7	.8									4.0	4.5
SE	1.7	2.7	1.8	.4	.1							6.8	5.9
SSE	1.6	5.1	4.5	.5								11.7	6.2
S	2.0	6.3	4.1	1.6	.1							15.1	6.4
SSW	1.2	1.1	1.3	.1								3.7	5.5
SW		.9	.3									1.2	5.6
WSW	.3	.3	.2	.1								1.0	5.8
W	.3	.8	.2	.3								1.6	6.3
WNW	.5	.4		.1								1.1	4.3
NW	.7	.8	.4	.8	.4	.3						3.5	9.7
NNW	.0	1.7	1.4	2.5	.4	.1						7.0	9.5
VARBL													
CALM												9.0	
	18.0	32.6	26.0	12.4	1.6	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (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	1.7	3.9	6.7	4.7	.4							17.4	8.7
NNE	.3	2.2	1.5	.4								4.4	6.7
NE	.3	.6	.4	.2								1.6	6.1
ENE	.8	.4	.3									1.5	4.5
E	.2	1.[illegible]	.4									2.6	4.1
ESE	.5	1.4	.3									2.3	4.8
SE	.5	1.3	.8	.2								2.8	6.2
SSE	.9	2.4	3.1	.6								8.1	6.2
S	4.1	8.7	5.9	2.8	.2							21.7	6.6
SSW	.2	1.9	1.7	.9	.1							4.8	7.6
SW	.2	.2	1.1	.2								1.7	8.2
WSW	.2	.2	.5	.1								1.1	7.0
W	.4	1.[illegible]	.9	.3								2.6	6.5
WNW	.2	.6	.4	.5	.1							1.9	8.8
NW	.9	.5	.9	.5	.2							3.0	7.5
NNW	[illegible]	3.1	2.2	1.5	.8	.2						8.7	8.7
VARBL													
CALM												13.8	
	14.5	29.5	27.1	13.1	1.8	.2						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)

3972 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	1.6	3.8	7.5	5.4	.9	.2						19.4	9.3
NNE	.6	2.[illegible]	2.5	.7	.[illegible]							5.9	7.2
NE	.4	.8	1.1	.3								2.6	7.0
ENE	.6	.9	.4	.0								2.0	4.8
E	1.[illegible]	1.3	.3									2.5	4.1
ESE	.6	.8	.4									1.9	4.7
SE	.7	1.3	.8	.2	.[illegible]							3.0	6.0
SSE	1.2	2.1	2.7	.7	.[illegible]							6.7	6.8
S	2.3	5.7	5.1	3.5	.5	.[illegible]						17.1	7.8
SSW	.6	1.6	2.1	1.7	.3	.[illegible]						6.3	9.0
SW	.2	.9	1.2	.4	.[illegible]							2.7	7.9
WSW	.[illegible]	.5	.8	.7	.1	.[illegible]						2.4	8.7
W	.4	.5	1.1	.9	.2	.1	.[illegible]					3.4	10.0
WNW	.4	.5	.7	.6	.1	.[illegible]						2.3	8.4
NW	.7	.9	1.0	.8	.2	.2	.0					3.9	8.8
NNW	.9	2.1	2.4	2.1	.9	.3	.[illegible]					8.7	10.0
VARBL													
CALM												9.3	
	12.4	25.9	30.1	18.0	3.3	.9	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7438

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)

7902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	1.1	2.7	5.7	4.0	.6							14.1	9.2
NNE	.7	.9	1.2	.7								3.5	7.2
NE	.1	.7	.7	.2								1.8	7.3
ENE	.5	.4	.1									.9	4.0
E	.1	1.1										1.2	4.3
ESE	.5	.4	.5									1.3	5.0
SE	.2	.5	1.1	.6	.1							2.5	8.7
SSE	.1	2.4	2.0	1.1								6.5	7.0
S	4.1	9.2	8.9	5.3	.1							27.7	7.4
SSW	.7	2.1	2.7	2.1	.1							7.7	8.6
SW	.1	.5	1.7	.2								2.5	8.4
WSW	.1	.2	.8	.5								1.7	9.0
W	.1	.2	.9	1.1								2.4	9.9
WNW	.4	.7	.9	.5								2.5	7.5
NW	.8	1.5	.9	1.1	.4							4.7	8.1
NNW	2.0	3.2	2.0	1.5								8.7	6.4
VARBL													
CALM												10.4	
	12.6	26.6	30.1	18.9	1.3							100.0	7.0

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)

3902	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	4.1	4.7	4.1	.6							15.0	8.7
NNE	.7	1.5	.4	.4								3.0	5.5
NE	.5	.9	.2									1.7	4.8
ENE	.5	.2	.2									.9	5.0
E	.2	.2	.6	.1								1.2	6.9
ESE	.4	1.1	.2	.1								1.8	4.9
SE	.8	.5	.7	.6								2.6	6.8
SSE	1.3	2.7	1.2	.6								5.8	5.9
S	3.7	8.3	6.1	2.8	.1							20.8	6.7
SSW	.9	2.3	3.1	3.9	.2							10.2	9.3
SW		.5	2.4	1.4								4.3	9.4
WSW	.1	.2	.5	1.2								2.0	9.9
W	.5	.6	.8	1.8								3.7	9.4
WNW	.6	.4	.5	.4	.1							1.9	7.8
NW	.8	1.3	2.1	1.2	.4							5.8	8.6
NNW	1.7	3.1	2.2	1.8		.1						8.9	7.2
VARBL													
CALM												10.6	
	14.1	27.4	26.0	20.3	1.4	.1						100.0	6.8

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)

[illegible] (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].7	5.1	5.4	3.8	.4							16.3	8.2
NNE	.[illegible]	.8	1.4	.5								3.2	7.3
NE	1.3	.4										1.7	2.6
ENE	.[illegible]	.2	.2									.7	5.[illegible]
E	.9	1.4	.4	.2								3.0	5.1
ESE	.2	.9	.6	.1								1.9	6.5
SE	.6	1.5	1.9									4.0	6.2
SSE	1.7	2.2	.9	.1								5.0	4.9
S	3.4	7.2	6.5	1.9	.1							19.1	6.5
SSW	.8	2.2	2.2	1.5	.1							7.0	7.9
SW	.5	.6	1.1	.8	.1							3.1	8.7
WSW		.5	1.2	1.2								2.8	9.9
W	.2	.5	1.4	1.9	.2							4.3	10.2
WNW	.4	.5	1.2	.2								2.2	7.5
NW	.8	1.9	1.9	1.2								5.8	7.3
NNW	.8	3.9	2.4	2.8	.5							10.4	8.5
VARBL													
CALM												9.6	
	14.1	29.9	28.7	16.3	1.4							100.0	6.7

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)

79 12	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	FEB
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.	3.3	5.6	4.8	1.4							15.2	10.2
NNE	.1	2.1	1.7	.9								5.8	6.8
NE	.1	1.1	1.2	.5								2.8	7.2
ENE	.6	.6	.1	.2								1.5	5.5
E	.4	1.8	.9	.1								3.2	6.1
ESE	.2	.7	.8	.5								2.2	7.5
SE	.1	1.1	.8	.4								2.4	7.1
SSE	.7	1.3	2.4	.6								5.0	7.3
S	.1	3.4	6.3	4.6	.7	.4						16.4	9.6
SSW	.6	1.3	3.0	4.3	.6	.1						9.8	10.6
SW	.1	.8	2.5	1.7								5.1	9.4
WSW	.2	.5	1.5	1.7								3.9	10.3
W	.5	.8	1.9	.9	.5	.2						4.8	10.2
WNW	.1	.6	1.2	1.1	.1	.2						3.3	10.7
NW	.2	.2	1.7	1.1	.2							3.4	9.9
NNW	.3	2.2	3.2	5.3	1.3							12.9	10.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.1	
	7.0	21.9	34.6	28.6	4.8	.9						100.0	9.2

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)

3912	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	FEB
STATION	STATION NAME	YEARS	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	1.7	5.[illegible]	4.0	.8	.1						12.4	10.1
NNE	.[illegible]	1.3	2.1	.9								4.5	8.6
NE	1.4	1.4	.8	.5								4.1	5.9
ENE	.4	1.8	1.7									3.8	6.6
E	.2	.6	.6									1.4	5.8
ESE		.7	.9	.6								2.2	8.7
SE	.4	1.9	1.7									3.9	6.2
SSE	.4	1.4	2.1	1.5	.1							5.6	8.8
S	.4	1.8	4.4	7.1	1.1	.8						15.5	11.7
SSW	.1	.9	1.8	7.1	.9	.5						11.3	12.9
SW	.4	.6	1.8	1.5								4.3	9.4
WSW		.9	1.2	.9	.1							3.2	9.2
W	.2	1.1	1.5	1.3	.2	.4	.4					5.1	12.0
WNW		.6	1.3	1.2	1.2	.2						4.5	13.3
NW	.2	.5	1.1	2.4	.4	.1						4.6	11.5
NNW	.7	.5	2.1	5.6	2.5	.4						11.7	13.0
VARBL													
CALM												1.9	
	5.7	17.6	30.0	34.6	7.3	2.5	.4					100.0	10.4

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)

3902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-79,73-80 (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	1.2	2.6	5.7	4.8	1.4	.1						15.8	10.0
NNE	.4	1.7	1.8	.7	.1							4.6	7.5
NE	.4	.7	1.1	.2								2.4	7.2
ENE	.4	.6	.9	.2								2.1	6.6
E	1.7	1.8	1.5									5.0	5.0
ESE	.2	.9	.7	.6		.1						2.6	8.0
SE	.4	1.1	3.5									5.0	7.1
SSE	.5	1.2	3.3	1.4	.1							6.5	8.4
S	.8	1.1	4.7	9.5	1.3	.4	.1					17.8	12.0
SSW	.8	.9	2.0	3.3	.4	.1						7.6	10.4
SW	.1	.4	1.7	1.9	.1							4.1	10.2
WSW	.5	.9	.8	.6	.2	.1						3.2	9.1
W	.9	.8	.6	1.3	.2	.2						4.1	9.6
WNW		.6	1.1	1.3	.4		.1					3.4	12.1
NW	.5	.2	1.4	1.8	.8	.1						4.8	11.6
NNW		.5	2.1	4.8	1.4	.2						9.1	13.1
VARBL													
CALM												1.8	
	8.6	16.0	33.0	32.5	6.5	1.4	.2					100.0	9.8

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)

7912	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | 1800-2300 (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	2.1	2.7	5.4	3.1	1.2							14.4	8.9
NNE	.6	1.5	1.1	.8								4.0	7.3
NE	.6	1.7	.8		.1							3.2	5.8
ENE	1.1	.9	.7									2.7	4.7
E	.9	2.5	.6	.1								4.1	5.2
ESE	.5	2.5	.9	.4	.1							4.4	6.2
SE	1.1	3.9	1.8	.4	.?							7.2	6.0
SSE	.7	4.5	3.8	1.7	.2							10.9	7.4
S	3.3	6.1	7.?	4.3	.4							21.0	7.6
SSW	.7	1.2	.4	.5								2.7	6.0
SW	.6	.2										.8	2.9
WSW	.?	.4	.6									1.2	6.1
W	.7	1.1	.6	.5		.2						3.1	7.5
WNW	.1	.6	.6	.1		.1						1.5	8.6
NW	.?	.9	.9	.5	.?							2.8	8.3
NNW	1.?	2.1	2.4	2.1	.6	.1						8.5	8.7
VARBL													
CALM												7.3	
	14.7	32.7	27.5	14.3	3.0	.5						100.0	6.8

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)

3912 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	1.8	2.6	3.5	3.8	.7	.1						12.5	9.0
NNE	.6	.6	1.3	1.1	.2	.4						4.1	9.8
NE	.4	.4	1.1	.1								1.9	7.1
ENE	.2	.4	.1									.7	4.5
E	.2	.7	.6									1.5	6.1
ESE	.5	.8	.8	.6								2.7	7.0
SE	1.3	1.3	.7	.5	.1	.1						4.0	6.6
SSE	1.5	2.1	4.0	1.8		.1						9.6	7.7
S	4.7	11.5	8.2	3.7	.1							27.2	6.8
SSW	.6	2.1	2.4	.1								5.2	6.6
SW	.6	.4	.2	.2								1.4	5.8
WSW		.4	.7	.1								1.2	7.8
W	.2	1.1	.8	.2								2.4	6.8
WNW	.1	.6	.5	.4								1.5	7.8
NW	1.1	1.7	1.1	.8	.2	.1						5.0	7.9
NNW	2.1	3.1	2.8	1.4	.1							9.6	6.9
VARBL													
CALM												9.5	
	16.0	28.6	28.8	14.8	1.5	.8						100.0	5.7

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	FEB

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.1	5.1	4.1	.9	.2						14.5	9.3
NNE	.6	1.3	1.4	.8	.2	.0						4.1	7.6
NE	.6	.9	.7	.2	.0							2.4	6.1
ENE	.5	.6	.5	.1								1.7	5.6
E	.6	1.3	.7	.1								2.6	5.4
ESE	.3	1.1	.7	.4	.2	.0						2.4	6.8
SE	.6	1.5	1.5	.3	.2	.0						3.9	6.7
SSE	.9	2.2	2.5	1.1	.1	.0						6.8	7.3
S	2.7	5.9	6.5	4.9	.5	.2	.0					20.7	8.2
SSW	.7	1.6	2.2	2.9	.3	.1						7.7	9.7
SW	.3	.5	1.4	1.0	.0							3.2	8.9
WSW	.1	.5	.9	.8	.0	.0						2.4	9.3
W	.4	.8	1.1	1.1	.1	.1	.0					3.7	9.7
WNW	.2	.5	.9	.6	.2	.1	.0					2.6	10.1
NW	.6	1.1	1.4	1.2	.3	.0						4.6	9.1
NNW	.2	2.3	2.4	3.2	.8	.1						10.0	9.5
VARBL													
CALM												6.6	
	16	25.1	29.9	22.5	3.4	.8	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1992	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-89	MAR
STATION	STATION NAME	YEARS	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	1.5	2.[illegible]	3.4	3.[illegible]	.4							10.4	6.8
NNE	.4	1.8	1.3	.9								4.4	7.4
NE	.1	.9	.5	.3								1.8	7.2
ENE	.9	.3	.4	.1								1.7	5.1
E	.[illegible]	.4	.3									1.0	5.6
ESE	.6	.8	.1	.3								1.8	6.0
SE	.8	2.3	1.7	.6	.1							5.5	6.9
SSE	1.9	2.7	2.9	3.3	.6							11.5	8.5
S	4.8	7.3	6.9	8.2	1.2	.2						28.6	8.5
SSW	.3	1.[illegible]	1.5	1.7								4.5	9.1
SW	.1	.6	1.0	.4								2.2	8.1
WSW		.3	1.6	.6								2.6	9.3
W	.4	.9	.3	.8								2.4	7.9
WNW	.4	.9	.2	.3								1.8	6.2
NW	1.[illegible]	1.9	1.5	.2		.1						4.7	6.3
NNW	.6	2.6	1.5	2.0	.1							6.9	8.3
VARBL													
CALM												8.2	
	14.2	26.7	25.3	22.9	2.5	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 84 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

39??	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | 300-0500 (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	1.4	2.5	4.2	2.7	.4							11.2	8.7
NNE	.5	1.9	1.3	.6								4.4	6.9
NE	.5	.9	.4									1.8	5.1
ENE	.3	.2	.1	.4								1.1	7.8
E	.2	.4										.6	3.8
ESE	.2	1.1	.4	.1								1.7	6.1
SE	.6	1.7	1.2	.4								4.0	6.4
SSE	1.4	2.4	3.5	2.5	.3	.1						10.2	8.5
S	2.0	9.0	5.4	4.8	1.0	.2						23.3	7.8
SSW	.4	1.3	3.5	2.9								8.2	9.5
SW	.3	1.4	.9	.1								2.7	6.5
WSW	.1	.5	.5	1.0								2.2	9.4
W	.6	.4	1.8	1.2	.1							4.2	8.8
WNW	.3	.6	1.0	.2	.3							2.5	8.1
NW	.3	1.3	1.9	.6	.1	.1						4.4	8.5
NNW	.4	2.8	2.8	2.0	.1							8.2	8.2
VARBL													
CALM												9.4	
	10.8	28.4	29.0	19.7	2.4	.4						100.0	7.3

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)

3912	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONYH

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	2.6	4.2	2.9	.4							11.2	8.6
NNE	.9	1.1	2.6	.6								5.1	7.4
NE	.5	1.1	.9	.2								2.7	6.2
ENE	.4	.6	.2	.1								1.4	5.2
E	.8	.4	.3									1.5	4.6
ESE	.6	.8	.6	.4								2.5	6.4
SE	.6	1.4	1.5	.9								4.4	7.3
SSE	.9	2.1	2.4	1.2	.1							6.6	7.6
S	2.5	7.8	6.9	3.2	.5							21.0	7.4
SSW	.5	1.1	3.3	1.4	.4							6.8	9.3
SW	.4	.8	.6	.4								2.3	7.1
WSW	.3	.8	1.4	.6								3.1	7.6
W		1.1	1.2	1.4	.2							3.9	10.2
WNW	.6	1.1	1.5	.9	.2							4.3	8.4
NW	.1	1.3	1.7	1.3	.3	.1						5.8	8.3
NNW	1.0	2.7	2.5	2.0	.3							8.5	8.2
VARBL													
CALM												9.1	
	12.2	26.6	31.8	17.6	2.6	.1						100.0	7.1

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)

3932 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 900-1100 (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	5.7	5.5	.4	.5						13.0	11.2
NNE	.1	1.4	2.0	1.7								5.3	8.9
NE	.6	.6	1.1	.6	.1							3.1	8.0
ENE	.3	.5	.8	.5								2.2	7.8
E	.5	1.4	1.9									3.9	6.3
ESE	.6	.9	1.8	.8								4.1	7.7
SE	.5	1.5	2.3	1.7								6.0	8.3
SSE	.4	2.2	3.0	2.8	.1	.1						8.6	9.1
S	.9	2.8	5.2	6.8	1.1	.3						17.0	10.6
SSW	.3	.6	3.1	3.9	1.4							9.4	11.6
SW	.2	.4	.9	1.1	.1	.1						2.8	10.6
WSW	.1	.3	1.0	.4	.2							2.0	9.8
W	.1	.9	1.5	1.9	.8	.1						5.3	11.5
WNW	.3	.3	1.1	1.9	.8							4.4	12.3
NW	.6	.4	1.2	2.0	.5							4.8	10.6
NNW	.2	.4	2.9	2.9	1.0	.1						7.5	11.7
VARBL													
CALM												.6	
	6.1	15.3	35.4	34.6	6.5	1.3						100.0	10.1

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)

79 Z	ROBERT GRAY AAF TX (FORT HOOD)	69-79,73-80	MAP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.5	4.6	3.5	.4	.3						10.6	10.7
NNE	.3	.6	2.4	1.6								4.9	9.4
NE		.1	1.2	.5	.1							2.9	8.4
ENE	.2	1.4	.6	.3								2.6	6.8
E	.4	1.2	1.7	.2								3.5	6.8
ESE	.3	1.4	1.7	.5								4.0	7.5
SE	.4	1.2	2.6	2.2	.1							6.5	9.1
SSE	.9	.8	3.4	3.8	.8							9.6	10.2
S	.3	1.8	3.1	1.9	2.9	.1						19.1	12.8
SSW		1.	1.9	2.8	1.2	.2						7.1	12.2
SW	.1	.4	.5	.8	.1							1.9	9.8
WSW	.2	.5	.6	1.0	.2	.1						2.7	10.7
W	.4	.6	1.8	1.5	1.1	.2	.1					5.8	11.9
WNW	.2	.1	1.2	2.3	1.3	.3						5.4	14.1
NW	.2	.4	.8	1.4	.9	.1						3.8	12.6
NNW	.4	.6	2.2	4.1	1.7							8.3	11.8
VARBL													
CALM												1.3	
	4.7	14.7	30.4	37.3	10.0	1.4	.1					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7912 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAR MONTH

ALL WEATHER CLASS | .500-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	4.4	4.1	.8	.1						11.7	10.3
NNE	.2	1.1	1.9	1.4								4.5	9.0
NE		.2	.6	1.5								2.4	10.9
ENE	.1	1.1	1.2	.4								2.8	7.9
E	.9	2.6	1.6	.3								5.4	6.0
ESE	.4	1.7	1.8	.4								4.4	6.7
SE	.2	1.8	3.0	1.8	.2							7.1	9.0
SSE	.3	1.1	3.4	5.2	1.2	.1						11.3	11.5
S	.3	1.2	4.1	11.5	2.4							19.5	12.6
SSW	.1	.4	1.0	2.6	.8							4.8	12.1
SW		.2	.9	.4	.1							1.6	9.5
WSW		.3	.9	.1	.4							1.7	11.1
W	.1	.8	.6	2.0	1.1	.3						4.9	13.3
WNW	.1	.8	.4	1.5	1.2	.4						4.4	14.1
NW	.1	.6	1.0	1.9	.4	.1						4.2	11.8
NNW	.1	1.1	1.3	3.2	1.4	.4						7.5	13.2
VARBL													
CALM												1.7	
	3.7	16.6	28.2	38.5	9.9	1.5						100.0	10.8

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)

3912 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	2.7	4.[illegible]	3.4	.6							12.0	9.0
NNE	.0	1.5	1.1	1.1								4.6	6.8
NE	.9	1.3	1.2	.6								4.0	6.5
ENE	.4	.5	.6									1.6	5.6
E	1.8	2.7	1.1	.1								5.7	4.8
ESE	.0	3.1	2.5	.3								6.9	6.1
SE	.8	2.0	4.0	1.8	.3							8.9	8.4
SSE	.8	2.9	6.8	5.3	.8							16.5	9.5
S	1.4	2.9	5.2	7.0	.6							17.1	9.6
SSW	.6	.4	.5	.1								1.7	6.1
SW	.3	.3	.4	.1								1.2	5.8
WSW	.1	.8	.1	.2	.1							1.3	8.1
W	.2	.5	.6	.8	.5							2.7	13.7
WNW	.3		1.1	.8	.1							2.3	9.7
NW	.4	1.[illegible]	.9	.4	.1							2.8	7.2
NNW	.6	1.7	1.8	2.4	.3							6.9	9.3
VARBL													
CALM												3.9	
	11.9	24.4	31.8	24.4	3.5							100.0	8.[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 66 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)

3902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.8	2.3	3.1	.5							9.2	8.9
NNE	.3	1.3	1.4	.5								3.5	7.5
NE	.3	1.1	.5		.1	.1						2.0	7.3
ENE	.4	.9	.5	.1								1.9	5.5
E	.4	2.6	.6									3.7	5.0
ESE	.6	1.8	1.5	.3								4.3	6.3
SE	.9	2.1	3.2	1.3	.1							7.5	7.5
SSE	.9	2.5	5.6	4.5	.5							14.0	9.6
S	2.7	6.1	5.9	7.2	1.0							22.8	8.8
SSW	1.5	1.2	.8	.2								3.9	5.4
SW	.2	.6	1.0									1.8	6.5
WSW		.3	.6	.3		.1						1.4	9.8
W		.9	.5	.6	.3							2.4	10.1
WNW	.3	.8	1.0	.1								2.2	6.6
NW	.7	1.4	.9	.3		.1						4.4	5.3
NNW	.9	2.6	1.5	1.7	.1	.1						6.9	8.0
VARBL													
CALM												8.1	
	12.2	28.4	27.8	20.4	2.7	.4						100.0	7.3

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)

3902	ROBERT GRAY AAF TX (FORT HOOD)	6°-70,73-80	MAR
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	1.1	1.9	4.1	3.5	.5	.1						11.2	9.6
NNE	.5	1.3	1.7	1.1								4.6	8.0
NE	.4	.2	.8	.5	.0	.0						2.6	7.5
ENE	.4	.7	.6	.3								1.9	6.6
E	.7	1.5	1.0	.1								3.2	5.6
ESE	.6	1.4	1.3	.4								3.7	6.6
SE	.6	1.7	2.4	1.3	.1							6.2	8.0
SSE	.9	2.1	3.9	3.6	.6	.0						11.0	9.4
S	2.1	4.9	5.3	7.4	1.3	.1						21.0	9.6
SSW	.4	1.1	2.0	1.9	.5	.0						5.8	10.1
SW	.2	.6	.8	.4	.2	.0						2.1	8.1
WSW	.1	.5	.8	.5	.1	.0						2.1	9.4
W	.2	.8	1.1	1.3	.5	.1	.0					3.9	10.9
WNW	.3	.6	.9	1.0	.5	.1						3.4	10.9
NW	.7	1.1	1.2	1.0	.3	.1						4.4	8.8
NNW	.5	1.8	2.1	2.6	.5	.1						7.6	9.9
VARBL													
CALM												5.3	
	9.5	22.6	30.0	26.9	5.0	.7	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 7440

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)

\902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.2	2.2	1.8	.2							7.4	8.2
NNE	.1	.8	.7	.4								2.9	6.3
NE	.2	.7	.2									1.1	5.1
ENE	.1	.2	.2									.6	6.2
E	.3	.7	.6	.6								2.1	7.3
ESE	.2	.9	.8									1.9	6.1
SE	.9	1.8	2.2	.1								5.0	6.2
SSE	2.3	2.3	4.8	4.9	.8	.2						15.3	9.4
S	2.9	8.7	11.0	9.8	1.2	.3						33.9	8.9
SSW	.6	1.7	1.1	.3	.1							3.8	6.6
SW	.3	.2	.7									1.2	6.2
WSW	.2	.2	.2	.1								.8	6.1
W	.4	.4	.6	.1								1.6	5.6
WNW	.4	.3	.6	.1								1.4	5.5
NW	.8	.6	.3	.4								2.1	6.3
NNW	.9	3.4	1.7	1.1								7.1	6.9
VARBL													
CALM												11.8	
	12.7	25.1	27.8	19.8	2.3	.6						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 66 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)

9?2	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.5	3.1	2.?	.3							9.8	7.9
NNE	.9	1.1	1.1	.2								3.3	6.0
NE	.?	.4	.1									.8	4.3
ENE	.?	.4	.7									1.3	5.9
E	.3	.7	.6	.1								1.7	5.7
ESE	.6	1.2	.3									2.1	4.7
SE	.6	1.8	1.9	.1								4.3	6.3
SSE	2.4	4.7	4.8	2.8	.4							15.1	7.8
S	3.2	7.9	8.9	5.8	.9	.7						27.3	8.5
SSW	.7	1.7	3.0	1.2	.1							6.7	8.0
SW	.3	.3	.8	.2								1.7	7.1
WSW	.1	.6	.3	.1								1.1	6.9
W	.?	.3	.3	.3								1.2	7.5
WNW	.1	.4	.1	.1		.'						.9	8.5
NW	.9	.7	1.2	.6								3.3	6.9
NNW	1.4	3.1	1.8	1.2								7.6	6.5
VARBL													
CALM												11.8	
	13.0	28.9	29.0	14.8	1.8	.8						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7912 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	3.4	2.2	1.9	.1	.1						8.9	7.6
NNE	.4	.9	1.7	.6								3.6	7.5
NE	.4	1.1	.4	.1								2.1	5.7
ENE	.8	.7	.2	.1								1.8	4.3
E	.8	.6	1.2									2.6	5.5
ESE	.3	1.2	1.9	.1								3.6	6.8
SE	.8	1.8	2.9			.1						5.6	6.8
SSE	1.4	3.3	4.6	2.7	.1							12.1	8.1
S	3.2	8.3	9.1	4.2	.6	.1						25.6	7.7
SSW	1.1	1.7	1.7	1.7	.2							6.3	8.1
SW	.1	1.1	.6			.1						1.9	6.9
WSW	.1	.4	.7	.2								1.4	7.1
W	.2	.8	.4	.6								2.0	7.7
WNW	.1	.9	.2	.4	.1							1.7	8.1
NW	.7	1.4	2.0	.6	.2							4.9	8.0
NNW	.2	2.3	2.0	1.1	.2							6.9	7.3
VARBL													
CALM												9.2	
	12.9	30.1	31.6	14.2	1.6	.4						100.7	6.8

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] | ROBERT GRAY AAF TX (FORT HOOD) | 69-70,73-80 | APR
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

CONDITION

1900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.8	4.7	2.9	.3							10.1	9.1
NNE	.2	.6	1.6	.9								3.2	8.8
NE	.6	.9	.7	.9								3.0	7.7
ENE	.2	1.3	1.3	.2	.1							3.2	7.2
E	.6	1.1	1.8	.3								3.4	6.9
ESE		1.4	1.7	.3								3.4	7.2
SE	.2	1.3	4.2	1.9								7.7	8.9
SSE	.6	2.1	5.4	4.1	.7							12.8	9.8
S	.2	2.2	9.1	11.9	1.3	.1						23.8	11.1
SSW	.2	.6	3.7	3.8	.2							8.4	10.7
SW	.2	.1	1.1	.4	.2							2.1	10.2
WSW	.3	.7	.3	.3								1.7	6.7
W	.1	.3	.9	.3	.2	.1						2.4	9.3
WNW	.1	.7	.9	.6								2.2	8.1
NW	.3	.6	1.4	1.2	.4							4.0	10.3
NNW	.3	.9	1.1	3.3	.7							6.3	11.6
VARBL													
CALM												2.1	
	4.7	16.9	39.4	32.4	4.2	.2						100.0	9.5

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)

Y 3 (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (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	1.	1.9	2.2	3.8	.3							9.2	9.5
NNE	.	1.1	2.2	1.3								4.8	8.6
NE	.3	.9	1.4	.3								3.0	7.1
ENE	.6	1.1	1.2	.2								3.0	6.6
E	.7	1.1	1.9	.3								3.6	7.0
ESE	.3	.4	2.4	.7								3.9	8.7
SE	.7	1.6	3.2	1.4	.1							7.0	8.2
SSE	.1	1.3	7.1	7.1	.4							16.1	10.8
S		1.4	9.4	11.2	2.4	.3						23.9	11.8
SSW	.3	.3	2.2	1.7	.2							4.8	10.1
SW	.3	.6	.9	.2								2.0	7.4
WSW		.3	.9	.4	.1							1.8	9.9
W	.1	.9	.8	.2	.3							2.3	9.0
WNW	.1	.3	.3	1.0	.1							1.9	10.5
NW	.2	.9	1.2	1.8	.4							4.6	10.6
NNW	.3	1.2	1.7	2.8	.8							6.8	11.0
VARBL													
CALM												1.4	
	4.8	15.3	39.2	33.6	6.3	.3						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
1952	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	APR

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.[illegible]	3.1	1.9	.2							8.0	8.5
NNE	.5	.6	2.1	1.3								4.6	8.5
NE	.3	.[illegible]	1.8	.4								3.4	7.3
ENE	.[illegible]	.8	1.2	.4								3.0	7.[illegible]
E	.7	1.9	1.9	.4								4.9	6.7
ESE	.2	1.3	2.3	1.2								5.1	8.5
SE	.1	1.7	4.7	3.6	.2		.1					10.3	10.2
SSE	.4	2.3	6.7	9.2	1.4	.1						20.2	11.1
S	.4	1.8	6.6	8.8	3.7	.2						21.4	12.0
SSW	.1	1.2	1.2	.7								3.2	7.6
SW	.1	.6	.4	.3								1.4	7.9
WSW		.1	.2	.2								.6	9.4
W	.1	.2	.3	.9								1.6	9.6
WNW	.2	.2	.7	.4	.4							2.0	10.7
NW		.4	.8	1.6	.6	.1						3.4	12.3
NNW	.3	.[illegible]	1.4	2.6	1.[illegible]							6.2	11.5
VARBL													
CALM												.6	
	4.0	16.9	35.4	34.0	7.6	.4	.1					100.0	10.1

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)

79 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70, 73-80 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0800-2000 (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	2.6	2.8	1.8								8.4	7.6
NNE	.9	1.1	1.7	.3								3.9	6.5
NE	.9	1.2	1.0	.7								3.8	6.3
ENE	1.1	.7	.7	.2								2.7	5.6
E	.9	3.6	2.1	.2								6.7	5.8
ESE	.7	3.2	2.6	.2								6.7	6.2
SE	.4	2.1	4.4	2.1	.2	.1						9.4	9.1
SSE	.8	6.3	9.1	9.6	1.4	.1	.1					27.4	9.9
S	1.6	2.8	4.7	5.0	1.2	.2						15.4	9.9
SSW	.1	.6	.1	.1								.9	5.8
SW	.1	.1										.2	4.5
WSW	.3	.3										.7	3.5
W	.7	.3	.4	.1								1.6	5.6
WNW	.3	.1	.2	.7								1.1	10.2
NW	.1	1.0		.3	.3	.1						1.9	9.2
NNW	.4	.7	.4	1.1	.4							3.3	9.8
VARBL													
CALM												5.9	
	12.3	26.2	30.1	22.4	3.7	.6	.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) | ROBERT GRAY AAF TX (FORT HOOD) (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	1.1	2.7	1.9	1.1	.1							6.9	7.1
NNE	.4	.4	.9	.2								2.0	6.6
NE	.	.4	.8	.2								1.6	7.4
ENE	.2	.6	.6	.1								1.4	6.1
E	.6	1.2	1.1	.4								3.3	6.4
ESE	.9	2.1	1.6	.1								4.7	5.7
SE	.8	2.9	3.3	1.1	.2							8.3	7.8
SSE	2.1	6.1	7.0	6.8	1.1	.1						23.1	9.2
S	4.1	5.9	6.6	7.0	1.2	.2						25.0	8.5
SSW	.4	.8	.1									1.3	4.2
SW	.1	.3										.4	4.5
WSW	.2	.1	.2	.1								.7	7.2
W		.4	.6									1.0	7.2
WNW	.1	.2		.2			.1					.7	10.8
NW	.4	1.1	.3	.8	.3	.1						3.1	9.3
NNW	.8	3.2	.3	.9	.1							5.3	6.3
VARBL													
CALM												11.1	
	12.3	28.6	25.2	19.1	3.1	.4	.1					100.3	7.1

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)

[illegible] (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-83 (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	.?	2.5	2.8	2.1	.?	.						8.6	8.?
NNE	.4	.8	1.5	.7								3.5	7.5
NE	.4	.6	.8	.3								2.3	6.7
ENE	.5	.7	.8	.2	.							2.1	6.3
E	.5	1.4	1.3	.3								3.5	6.4
ESE	.4	1.5	1.7	.3								3.9	6.9
SE	.6	1.9	3.4	1.3	.1	.	.					7.2	8.3
SSE	1.3	3.6	6.2	5.9	.8	.1	.					17.8	9.6
S	2.	4.9	8.2	7.7	1.6	.3						24.5	9.7
SSW	.4	1.1	1.6	1.2	.1							4.4	8.6
SW	.2	.4	.6	.2	.	.						1.4	7.6
WSW	.2	.3	.4	.2	.							1.1	7.4
W	.2	.5	.5	.3	.1	.						1.7	7.9
WNW	.2	.4	.4	.4	.1	.	.					1.5	9.0
NW	.4	.8	.9	.9	.3	.						3.4	9.3
NNW	.7	2.	1.3	1.8	.4							6.2	8.7
VARBL													
CALM												6.7	
	9.5	23.6	32.2	23.8	3.7	.5	.0					1[illegible].0	8.1

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)

3912 (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) | 69-70,73-80 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | .000-0200 (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	1.7	1.8	.5	.1							5.2	6.8
NNE	.5	.6	.5	.3								2.0	6.2
NE	.3	.3	.2	.1								1.0	5.3
ENE	.1	.2	.2									.5	5.6
E	.2	.9	.6									1.7	5.8
ESE	.3	.6	.6	.1								1.7	6.4
SE	1.3	1.1	1.7	1.1	.1							5.3	7.2
SSE	2.7	3.2	5.3	3.5								14.7	7.7
S	3.8	1.4	11.1	8.0	.2							33.4	7.8
SSW	.1	2.2	1.9	.4								5.6	6.2
SW	.2	.5	.3	.1								1.2	5.4
WSW	.1	.2	.2	.2		.1						.9	10.6
W		.2	.1	.2			.1					.6	12.0
WNW	.4	.5	.1									1.1	4.2
NW	1.1	.8	.6	.2								2.6	5.6
NNW	1.7	2.2	.9	.5	.1							5.4	5.7
VARBL													
CALM												17.1	
	14.7	25.7	26.3	15.4	.5	.1	.1					100.0	6.2

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) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	2.2	1.6								6.1	6.8
NNE	.6	.5	.6	.1	.1							2.0	6.5
NE	.5	.2	.4									1.2	4.5
ENE	.4	.1	.2									.8	4.3
E	.4	.5	.4	.1								1.5	5.7
ESE	.6	.8	.5									1.9	5.1
SE	.8	.8	1.5	.6								3.1	6.9
SSE	2.5	4.6	6.7	1.1		.1						14.9	6.9
S	5.1	9.7	11.3	4.1	.1							29.2	6.8
SSW	1.3	2.1	1.3	.3								4.9	5.6
SW	.4	.5	1.1	.1								2.2	6.5
WSW	.3	.1	.8									1.2	6.9
W	.1	.2	.9	.1								1.3	8.0
WNW	.5	.4	.4	.3	.1							1.8	7.1
NW	.9	.2	.6	.1								1.8	5.8
NNW	.6	2.4	1.5	.3								5.3	5.2
VARBL													
CALM												23.6	
	17.3	24.9	28.4	8.3	.3	.1						100.0	5.2

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)

9102	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.4	2.2	1.9								7.0	7.8
NNE	.3	.8	.8	.5								2.4	7.1
NE	.3	.5	.5	.1								1.5	6.1
ENE	.3	1.1	.5	.1								2.2	5.6
E	.8	1.4	.8									2.9	5.3
ESE	.5	1.6	1.6									3.8	6.0
SE	1.4	2.2	2.4	.2								6.1	5.9
SSE	2.0	3.3	4.2	1.3								10.9	6.7
S	3.7	7.1	10.5	4.1								25.4	7.3
SSW	.3	1.7	4.1	1.4	.1							7.6	8.5
SW	.8	.6	1.4	.3								3.1	6.6
WSW	.4	.5	.4	.2								1.6	5.9
W	.6	.6	.3	.3								1.9	6.2
WNW	.3	.1	.8	.4								1.6	8.0
NW	.8	1.0	.6	.2								2.6	5.9
NNW	1.3	1.8	1.9	.9								5.9	6.7
VARBL													
CALM												13.5	
	15.6	25.7	33.0	12.0	.1							100.0	6.2

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) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 900-1100 (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	1.5	2.4	3.3	.1							8.0	9.3
NNE	.3	1.4	1.7	.9								4.3	7.8
NE	.5	1.1	1.1	.2	.1							3.0	6.6
ENE	.3	1.2	.9	.5	.2							3.1	7.9
E	.0	1.1	1.1	.3								3.3	6.0
ESE	.8	.9	1.3	.2								2.8	5.7
SE	.9	2.3	3.5	.9								7.5	7.3
SSE	.5	2.7	6.9	2.7	.2							13.0	8.6
S	1.3	4.6	10.2	10.3	.6							27.1	9.7
SSW	.5	1.4	3.3	4.3	.2							9.8	10.1
SW		1.1	1.8	1.1								3.9	9.4
WSW	.8	.2	.4	.1								1.5	5.4
W	.5	.8	.8									2.0	5.1
WNW	.4	.4	.1	.4								1.4	6.9
NW	.3	.5	.5	.6	.1							2.0	9.0
NNW	.6	.5	2.3	1.0	.2							4.4	8.9
VARBL													
CALM												2.8	
	9.4	21.4	37.7	26.9	1.8							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

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)

7912	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.9	2.7	2.8								7.3	8.6
NNE	.3	.6	1.8	.6								3.4	8.2
NE	.2	1.1	1.2	.4	.1							3.0	8.0
ENE	.3	1.4	1.[illegible]	.6								3.8	6.6
E	.6	1.6	1.4	.4								4.1	6.6
ESE	.[illegible]	1.2	2.[illegible]	.3								4.5	6.6
SE	.6	2.5	3.2	1.2								7.5	7.5
SSE	.1	3.1	8.2	6.2	.2							18.8	9.1
S	.[illegible]	2.3	17.0	11.8	.1							24.7	10.5
SSW	.4	1.1	3.4	2.3								7.2	9.2
SW		1.1	.8	.4	.1							2.4	8.6
WSW	.3	.5	.4	.1								1.4	5.8
W	.[illegible]	.[illegible]	.2	.1								1.3	5.6
WNW	.5	.1	.3	.3	.1							1.4	7.4
NW	.[illegible]	.2	1.[illegible]	.6								1.9	9.6
NNW	.6	.8	1.1	1.7	.2							4.4	9.0
VARBL													
CALM												2.8	
	9.2	18.9	38.1	30.1	.9							100.0	8.6

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)

9,2	ROBERT GRAY AAF TX (FORT HOOD)	6°-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1530-1730
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 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	3.5	1.1	.1							6.9	7.8
NNE	.8	1.2	1.6	1.1								4.6	7.4
NE	.5	.9	1.5	.3								3.2	7.0
ENE	.3	1.4	1.3	.5								3.1	7.6
E	.4	1.9	1.8	.2								4.4	6.7
ESE	1.1	1.7	2.7	.5								6.0	7.0
SE	.3	3.4	5.4	2.7	.2							12.0	8.5
SSE	.9	2.5	9.6	8.5	.8							22.2	10.1
S	.5	2.9	8.2	8.4	.8							20.8	10.3
SSW	.2	1.1	1.7	1.1	.1	.1						4.3	9.4
SW	.2	.9	.5	.3								1.9	6.7
WSW	.4	.5	.2	.1								1.3	5.4
W	.1	.6	.5	.3								1.6	7.5
WNW	.4	.1	.6	.4		.1						1.7	8.9
NW	.2	.2	.2	.4								1.1	8.6
NNW	.2	.5	1.2	1.0	.1							3.0	9.3
VARBL													
CALM												1.8	
	7.7	20.5	40.6	27.0	2.0	.2						100.0	8.7

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)

[illegible] (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) | 69-70,73-80 (YEARS) | MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.1	2.5	.6								6.0	6.8
NNE	1.3	1.6	1.4	.5								4.8	6.0
NE	.4	.9	.6			.1						2.0	6.2
ENE	1.0	.8	.8	.3								2.8	5.3
E	1.4	3.2	1.0	.2								5.8	4.9
ESE	1.0	2.9	2.0	.5								6.5	6.3
SE	2.0	5.7	6.0	2.0	.1							15.9	7.1
SSE	1.6	6.2	12.8	6.2	.1							27.0	8.5
S	1.5	3.8	7.1	4.0	.3							16.7	8.5
SSW	.2	.2	.5	.2								1.2	7.1
SW	.3	.1	.1									.5	4.0
WSW	.2	.4		.2								.9	6.4
W	.3	.4	.1									.9	4.1
WNW		.1										.1	6.0
NW	.3	.4	.3	.4								1.3	8.6
NNW	.6	.6	.8	.8								2.8	7.6
VARBL													
CALM												4.8	
	12.9	29.5	36.0	16.1	.5	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AF. 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) ROBERT GRAY AAF TX (FORT HOOD) (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	[illegible]	1.4	1.6	.5		.1						5.7	6.0
NNE	.5	.3	.8	.3								1.9	7.1
NE	.	.5	.3	.1								1.1	6.2
ENE	.5	.6	.2	.1								1.5	4.6
E	1.3	1.6	.6	.1	.2							3.9	5.6
ESE	1.2	1.9	1.[illegible]	.3								4.4	5.6
SE	1.7	4.7	3.1	.8								10.3	6.3
SSE	2.9	6.1	9.2	4.5	.2							23.0	7.8
S	4.2	6.2	6.1	4.9	.4							21.9	7.5
SSW	.9	.8	.3	.3	.1							2.4	6.3
SW	.[illegible]	.2	.2									.5	5.2
WSW	.[illegible]	.3	.1	.2								.8	7.7
W	.3	.2	.1	.1								.8	5.0
WNW	.8	.2		.3								1.3	5.5
NW	1.2	.8										1.9	3.1
NNW	[illegible]	1.2	.9	.4								3.4	6.4
VARBL													
CALM												15.2	
	18.8	27.2	24.6	13.1	1.0	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

9[illegible]2 | ROBERT GRAY AAF TX (FORT HOOD) | 69-7.,73-8 | MAY
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.5	2.3	1.5	.0	.0						6.5	7.6
NNE	.6	.9	1.2	.6	.0							3.2	7.1
NE	.4	.7	.7	.2	.0	.0						2.0	6.6
ENE	.5	.8	.6	.3	.0							2.2	6.4
E	.8	1.5	1.0	.2	.0							3.5	5.8
ESE	.8	1.5	1.4	.3								4.0	6.2
SE	1.1	2.8	3.3	1.2	.1							8.5	7.2
SSE	1.8	4.1	7.8	4.3	.2	.1						18.1	8.3
S	2.6	5.9	9.2	6.9	.3							24.9	8.5
SSW	.6	1.3	2.1	1.3	.1	.0						5.4	8.3
SW	.3	.6	.8	.3	.0							2.0	7.4
WSW	.3	.4	.3	.1		.0						1.2	6.5
W	.3	.5	.4	.1			.0					1.3	6.4
WNW	.4	.3	.3	.3	.0	.0						1.3	7.1
NW	.6	.5	.5	.3	.0							1.9	6.8
NNW	.1	1.2	1.2	.8	.1							4.3	7.2
VARBL													
CALM												9.8	
	13.2	24.2	33.1	18.6	.9	.1	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 744[illegible]

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)

23012 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-73 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 000-2300 (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	.7	.8	.3	.3								2.1	5.7
NNE	.3	.1	.8	.3								1.6	8.3
NE	.6	.3	.1									1.0	3.4
ENE	.1	.4	.2	.1								.9	6.3
E	1.0	.7	.1									1.8	3.4
ESE	.3	.8	.2	.1								1.4	5.2
SE	1.3	1.9	.7	.3								4.2	5.2
SSE	1.8	3.6	2.9	1.4								9.7	6.8
S	5.1	9.8	21.0	12.9	.1							48.9	8.5
SSW	1.4	3.2	2.8	.7	.1							8.2	6.5
SW		.4	.9	.1								1.4	7.9
WSW	.1	.1	.2									.4	6.5
W			.4									.4	8.5
WNW	.6		.1	.1								.8	4.6
NW	.4	.2	.2									.9	4.0
NNW	.1	1.3	.1									1.6	4.7
VARBL													
CALM												14.6	
	13.9	23.7	31.1	16.5	.2							100.0	6

TOTAL NUMBER OF OBSERVATIONS 899

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]	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	JUN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.	.2	.3								2.7	5.4
NNE	.7	.4	.7	.2								2.0	6.0
NE	.6	.2	.6									1.3	5.3
ENE	.?	.3										.6	3.6
E	.4	.4										.9	3.4
ESE	.3	.8	.2									1.3	4.6
SE	.6	1.4	.4									2.4	5.0
SSE	2.7	2.6	2.0	1.1								8.3	5.9
S	8.4	12.4	15.2	8.4	.6	.1						45.2	7.4
SSW	.8	4.4	4.6	1.6	.1							11.4	7.3
SW	.4	.9	1.7									3.0	6.3
WSW	.?	.1	.7	.3								1.3	8.6
W	.3	.1	.1	.1								.7	5.5
WNW	.?	.1	.1		.1							.6	6.6
NW	.3	.4	.3									1.1	5.3
NNW	.1	1.3	.1									1.6	4.7
VARBL													
CALM												15.6	
	17.4	27.1	26.9	12.1	.8	.1						1?.?	5.7

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)

[redacted] (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	1.9	1.7	.6	.6								4.6	5.2
NNE	.7	.8	.9	.1								2.4	5.8
NE	.7	.7	.4									1.8	4.9
ENE	.6	.3										.9	3.5
E	.6	.6	.2									1.3	4.4
ESE	.4		.3	.1								.9	5.4
SE	.3	.8	.6	.2								1.9	6.4
SSE	1.2	2.9	2.7	1.0			.1	.1				8.0	7.7
S	8.8	7.6	14.7	8.6	1.3							36.6	8.4
SSW	1.7	3.8	5.4	4.8	.1							15.8	8.4
SW	.4	1.3	1.4	1.4								4.7	8.3
WSW	.3	.9	1.3	.2								2.4	6.5
W	.4	.2	.7	.3								1.7	6.9
WNW	.2	.7	.7	.1								1.9	6.1
NW	.4	.2	.2									.9	4.1
NNW	.3	1.3	.2									2.2	4.0
VARBL													
CALM												12.1	
	15.6	23.6	38.0	17.4	1.1		.1	.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 990

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)

72 2	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-8J	JUN
STATION	STATION NAME	YEARS	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	1.3	1.1	.9								4.2	7.2
NNE	.9	1.2	1.[illegible]	.1								3.1	5.9
NE	.[illegible]	1.4	1.[illegible]	.6								3.9	6.4
ENE	.7	1.0	.6									2.7	4.8
E	.8	.4	.7									1.9	4.8
ESE	.3	.7	.6									1.6	6.0
SE	1.[illegible]	.9	1.1	.2								3.2	5.9
SSE	1.[illegible]	1.8	2.4	2.1	.1							7.4	8.2
S	1.1	3.[illegible]	13.8	14.1	1.2	.3						34.4	10.5
SSW	.7	2.3	6.[illegible]	8.0	.9	.1						18.0	10.8
SW	.6	1.3	3.2	2.7	.2							8.0	9.2
WSW	.[illegible]	1.6	1.0	.4								3.3	6.7
W	.1	1.2	.6	.1								2.0	6.0
WNW	.[illegible]	.1	.3									.6	6.3
NW	.[illegible]	.4	.4	.3								1.3	8.0
NNW	.8	.1	.6									1.4	4.9
VARBL													
CALM												2.9	
	0.1	20.2	34.3	29.6	2.4	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	JUN

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	1.6	.6								4.2	6.6
NNE	.6	1.3	1.2									3.1	6.0
NE	.4	.9	1.3	.3								3.0	6.9
ENE	.3	1.9	1.2	.4								3.8	6.9
E	.[illegible]	2.1	1.4	.3								4.9	5.8
ESE	.7	1.[illegible]	.6	.2								2.4	5.7
SE	.7	2.2	1.8	.4	.1							5.2	6.7
SSE	.7	3.6	6.8	4.0	.1							15.1	8.7
S	.9	4.6	14.[illegible]	15.3	2.0	.4						37.2	10.7
SSW	.2	1.9	4.7	4.1	.2	.1						11.2	9.9
SW	.2	.9	.9	.7								2.7	8.4
WSW	.2	.7	.1	.4								1.4	6.6
W	.6	.3		.1								1.0	4.8
WNW	.[illegible]	.4		.3								.9	7.6
NW	.2	.3	.4	.3								1.3	7.8
NNW	.4	.4	.2									1.1	4.5
VARBL													
CALM												1.3	
	7.9	23.9	36.2	27.7	2.4	.6						100.0	8.7

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-83	JUN

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.4	.6								3.6	7.3
NNE	.4	1.2	1.2	.7								3.6	7.2
NE	.3	1.2	1.7	.3								3.6	6.7
ENE	.2	1.4	1.7	.2								3.7	6.9
E	.7	2.0	2.4	.2								5.3	6.5
ESE	.4	1.6	1.7	.4								4.1	7.1
SE	.8	1.8	3.2	1.3								7.1	8.2
SSE	.7	4.1	11.3	6.7	.3							23.1	9.4
S	.3	3.8	14.7	14.1	1.6	.1						34.6	10.7
SSW	.2	.9	1.7	1.3	.2							4.3	9.4
SW	.3	.4	.4	.1								1.3	5.8
WSW	.2	.3										.6	3.8
W	.2	.1	.1									.4	4.5
WNW	.2	.2	.1	.1								.7	6.0
NW	.1	.1	.6	.1								.9	8.6
NNW	.2	.7	.4	.2								1.6	6.8
VARBL													
CALM												1.7	
	5.9	21.8	42.0	26.4	2.1	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 990

USAFETAC FORM JUL 64 0-9-5 (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]2 (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) | 69-79,73-80 (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	.3	1.9	.6	.7								2.6	7.6
NNE	.2	.9	.8	.4								2.9	6.2
NE	.4	.9	.7	.2								2.2	6.3
ENE	1.1	.7	.8	.1								2.7	5.5
E	.6	2.6	1.1	.1								5.3	4.9
ESE	1.6	3.3	1.7	.2								6.8	5.3
SE	.8	5.1	4.6	1.9								12.4	6.4
SSE	1.7	8.2	14.0	6.1	.1							31.1	8.1
S	1.4	5.2	10.9	9.0	.6							27.1	8.3
SSW	.3	.7	.6	.1								1.7	6.3
SW	.1											.1	3.0
WSW	.2		.2									.4	5.3
W	.1	.1										.2	3.5
WNW												.1	1.0
NW		.2	.3	.1								.7	7.7
NNW	.1	.1	.4									.7	7.5
VARBL													
CALM												4.0	
	11.6	22.0	36.7	18.1	.7							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

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)

(9**) STATION | ROBERT GRAY AAF IX (FORT HOOD) STATION NAME | 69-73,73-83 YEARS | JUN MONTH

ALL WEATHER CLASS | 1100-2300 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	.6	.6	.4								3.5	6.2
NNE		.6	.3	.1								1.0	7.6
NE	.8	.3	.4									1.6	4.4
ENE	.7	.3	.1									1.1	3.4
E	.6	2.6	.4	.1								3.7	5.6
ESE	1.7	3.1	.4	.1								5.3	4.5
SE	1.6	3.5	2.7	.1								7.8	.6
SSE	3.1	8.5	8.7	4.1								24.4	7.3
S	6.8	11.0	12.0	7.8	.1							36.7	7.5
SSW	.6	.3	1.0	.2	.1							2.2	7.0
SW		.3	.1									.4	6.3
WSW	.1	.1		.1								.3	6.0
W		.1	.2									.3	7.7
WNW	.1		.3									.4	6.0
NW			.1	.1	.1							.3	13.3
NNW	.4	.4	.1									1.0	3.9
VARBL													
CALM												9.8	
	17.4	31.2	28.1	13.3	.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 898

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
51	ROBERT GRAY AAF TX (FORT HOOD)	69-73,73-80	JUN

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	.8	.5								3.4	6.4
NNE	.5	.8	.9	.3								2.5	6.4
NE	.6	.8	.7	.2								2.3	6.[illegible]
ENE	.5	.9	.6	.1								2.0	5.7
E	.6	1.4	.8	.1								3.1	5.3
ESE	.7	1.4	.7	.2								3.0	5.5
SE	.7	2.2	1.0	.5	.1							5.5	6.3
SSE	1.5	4.4	6.3	3.3	.1		.0	.0				15.8	8.0
S	3.6	7.2	14.5	11.3	.9	.1						37.6	9.0
SSW	.7	2.2	3.3	2.6	.2	.0						9.1	8.8
SW	.3	.7	1.1	.6	.0							2.7	8.1
WSW	.2	.5	.4	.2								1.3	6.6
W	.2	.3	.3	.1								.8	6.1
WNW	.2	.2	.2	.1	.0							.7	6.2
NW	.2	.3	.3	.1	.0							.9	6.9
NNW	.4	.7	.3	.0								1.4	5.0
VARBL													
CALM												7.7	
	12.5	25.1	33.2	23.1	1.3	.2	.0	.0				100.1	7.3

TOTAL NUMBER OF OBSERVATIONS 7197

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)

STATION: ROBERT GRAY AAF TX (FORT HOOD) — STATION NAME
69-7_,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	.5	.4	.1									1.1	3.7
NNE	.2	.2	.1									.5	5.4
NE		.2	.1									.3	6.0
ENE	.2	.2	.1									.5	4.6
E	.4	.9	.1									1.4	4.4
ESE	1.3	.8	.3									2.4	4.0
SE	.5	1.3	.2	.1								2.2	4.8
SSE	3.0	3.1	2.3	.2								8.6	5.2
S	8.6	18.0	20.7	4.1	.1							51.6	6.6
SSW	1.5	7.2	5.4	.8								14.9	6.2
SW	.4	1.4	.6									2.5	5.2
WSW	.3	.4	.4									1.2	5.2
W	.2		.1									.3	4.0
WNW	.2			.1								.3	5.7
NW		.3	.1									.4	5.3
NNW	.9	.2										1.0	2.9
VARBL													
CALM												1.8	
	6.4	34.6	30.7	5.3	.1							107	5.4

TOTAL NUMBER OF OBSERVATIONS 927

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) ROBERT GRAY AAF IX (FORT HOOD) (STATION NAME) 69-73,73-8[redacted] (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2										1.0	2.7
NNE	.4	.4	.3									1.2	4.7
NE													
ENE	.3	.3										.6	3.5
E	.5		.1									.5	3.2
ESE	.3	.6										1.0	3.9
SE	.4	1.0	.5									1.9	4.8
SSE	1.8	2.5	.4									4.7	4.0
S	2.4	17.4	11.4	.5								38.7	5.3
SSW	4.1	12.5	5.6	.2								23.4	5.5
SW	1.9	2.7	1.6	.2								6.5	5.1
WSW	.3	.6	1.3	.2								2.5	7.2
W	.1	.1	.4	.1								.8	8.0
WNW	.1	.1		.1								.3	7.3
NW			.1									.1	8.0
NNW	.0	.5										1.1	3.6
VARBL													
CALM												15.6	
	21.0	39.1	32.9	1.4								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 227

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)

3992	ROBERT GRAY AAF TX (FORT HOOD)	69-71,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.3									.7	4.1
NNE	.8	.5	.2	.1								1.6	4.7
NE	.2	.3	.1									.6	4.7
ENE	.2	.2	.1									.5	4.4
E	.2	.6	.1									.3	4.4
ESE	.5	.8										1.3	3.8
SE	.9	1.2	.8									2.3	4.8
SSE	2.4	1.6	.8	.2								4.9	4.4
S	6.5	13.7	7.8	1.8	.1							29.9	5.7
SSW	4.1	8.1	8.2	2.4	.1							22.8	6.6
SW	1.3	2.8	2.9	1.2								8.2	6.8
WSW	.9	3.5	2.3	.3								6.5	6.4
W	.3	.8	.9	.3								2.3	7.0
WNW	.2	.4	.2									.9	5.3
NW	.2	.1										.3	2.7
NNW	.9	.4	.2									1.5	3.6
VARBL													
CALM												13.2	
	.3	35.1	24.8	6.3	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 933

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)

1792	ROBERT GRAY AAF TX (FORT HOOD)	69-73	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | 9.0-11.00 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 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	1.0	.5									2.4	4.6
NNE	.8	.5	.2	.1								1.4	4.7
NE	.4	1.										1.4	4.2
ENE	.7	.5	.1									1.5	3.7
E	.2	1.0	.2									3.3	4.0
ESE	1.	1.3	.3									2.6	4.3
SE	.2	2.	1.3									4.1	5.4
SSE	.2	3.5	1.8	.1								6.7	7.2
S	1.5	5.7	10.6	5.2	.2							23.2	8.4
SSW	.5	5.7	1.8	5.8								22.8	8.8
SW	1.1	4.3	4.8	2.0								12.8	7.4
WSW	1.3	3.4	2.7	.1								7.5	6.0
W	.2	1.6	1.3	.1								4.2	5.7
WNW	.4	.6	.5									1.5	5.4
NW	.4	.3	.4									1.2	5.6
NNW	.5	.2	.4	.1								1.3	5.4
VARBL													
CALM												2.2	
	11.7	34.3	36.1	14.5	.2							1.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM XX 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)

13972 (STATION) ROBERT GRAY AAF IX (FORT HOOD) (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	.3	1.1	.8	.1	.1							2.4	6.7
NNE	.3	.9	.4	.3								1.9	6.6
NE	.4	1.7	.4									2.6	5.4
ENE	.6	1.1	.5									2.3	4.7
E	1.9	2.3	.5									4.7	4.1
ESE	.9	2.7	2.2	.1	.1							5.9	6.2
SE	1.7	3.0	2.8	.3								7.8	5.9
SSE	2.4	5.9	8.4	.8								17.4	6.6
S	1.8	7.1	13.8	6.8	.1							29.6	8.5
SSW	1.0	2.8	6.5	2.4								12.6	8.1
SW	.2	1.8	1.9	.8								4.7	7.4
WSW	.3	1.1	.9	.1								2.4	6.0
W	.4	.1	.8									1.3	5.6
WNW	.3	.3	.1	.1								.9	6.3
NW	.1	.8	.1	.1								1.1	5.5
NNW	.2	.2	.3									.8	5.7
VARBL													
CALM												1.7	
	13.1	32.8	40.3	11.8	.3							100.0	7.0

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)

03902 (STATION) ROBERT GRAY AAF AX (FORT HOOD) (STATION NAME) 69-73-8 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	.4	.1								1.4	6.3
NNE	.2	.4	.9	.4								1.9	7.6
NE	.4	.5	1.0	.3								2.3	6.6
ENE	.1	1.5	.8	.3								3.7	5.6
E	1.3	1.6	1.8	.2								4.9	5.9
ESE	1.0	3.4	2.8	.4		.1						7.7	6.4
SE	1.4	3.8	6.3	1.1								12.6	7.1
SSE	.9	6.1	10.8	4.4	.1							22.3	8.2
S	.8	6.8	13.5	7.4	.1							28.6	8.9
SSW	.3	2.7	3.4	1.6								8.1	7.9
SW	.4	.5	1.2	.1								2.3	6.5
WSW	.3	.4	.3	.1								1.2	6.1
W	.3	.3	.2									.9	4.8
WNW	.1	.1										.2	3.5
NW		.1	.1									.2	6.0
NNW	.1	.3	.1									.5	5.6
VARBL													
CALM												1.3	
	8.8	29.4	43.7	16.6	.2	.1						100.0	7.6

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)

7900 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-72,73-80 (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	.2	.4	.1									.8	4.7
NNE	.1	.4	.3	.1								1.0	6.6
NE	.2	.5	.2									1.0	5.6
ENE	.3	1.1	.6	.1	.1							2.3	6.8
E	.2	2.6	1.0	.2								4.9	5.1
ESE	1.5	4.2	1.8	.2								7.7	5.4
SE	3.7	7.7	5.4	.8								16.9	6.0
SSE	3.5	11.9	14.5	3.8	.2							32.9	7.2
S	1.4	8.0	10.6	3.3								23.3	7.6
SSW	.3	1.0	1.5	.3								3.1	7.1
SW	.3	.1	.4	.1								1.0	6.3
WSW	.1	.8	.4									1.3	6.0
W	.2	.2	.1	.1								.6	6.2
WNW		.1										.1	6.0
NW	.1		.1	.1								.3	8.3
NNW		.1	.1	.1								.3	8.3
VARBL													
CALM												2.5	
	12.6	38.1	37.3	9.2	.3							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)

(9?? STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	.4	.2	.2									.9	4.4
NNE	.2	.2	.1									.5	4.6
NE	.2	.3	.3		.1							1.0	6.9
ENE	.1	.4	.1									.6	4.7
E	1.2	1.1	.2									2.5	3.9
ESE	1.4	1.7	.2	.1								3.4	3.8
SE	3.2	5.4	2.4	.2	.2							11.4	5.2
SSE	5.4	12.3	8.4	.9								26.9	5.7
S	7.8	13.0	11.3	2.6								34.7	6.1
SSW	1.3	3.1	.3									4.7	4.5
SW	.3		.1									.4	4.3
WSW	.2	.1										.3	2.7
W	.1	.1	.1	.1								.4	8.0
WNW		.3		.1								.4	7.8
NW	.3	.1										.4	3.0
NNW		.1		.1								.2	8.0
VARBL													
CALM												11.1	
	22.3	38.5	23.8	4.1	.3							134.0	5.0

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)

727	ROBERT GRAY AAF TX (FORT HOOD)	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	.5	.6	.3	.0	.0							1.4	4.9
NNE	.3	.5	.3	.1								1.3	5.8
NE	.2	.6	.3	.0	.0							1.1	5.7
ENE	.5	.7	.3	.1	.0							1.5	5.2
E	1.0	1.4	.5	.1								2.9	4.7
ESE	1.0	1.9	1.0	.1	.0	.0						4.0	5.3
SE	1.5	3.2	2.5	.3	.0							7.5	5.9
SSE	2.4	5.7	5.9	1.4	.2							15.6	6.6
S	4.7	11.2	12.5	4.0	.1							32.4	7.0
SSW	1.6	5.4	5.3	1.7	.0							14.0	6.9
SW	.8	1.8	1.7	.6								4.8	6.6
WSW	.5	1.2	1.0	.1								2.9	6.2
W	.4	.4	.5	.1								1.3	6.1
WNW	.2	.3	.1	.1								.6	5.8
NW	.1	.2	.1	.0								.5	5.3
NNW	.1	.3	.1	.0								.8	4.6
VARBL													
CALM												7.3	
	16.1	35.2	32.5	8.7	.2	.0						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7434

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)

1922	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1000-0200
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	.8	.1	.3	.1								1.3	5.0
NNE	.3	.2										.5	3.4
NE	.3		.1									.4	3.8
ENE	.4											.4	1.8
E	2.4	.4	.4									3.2	3.3
ESE	1.5	.9	.3									2.7	3.7
SE	1.3	1.3	1.1	.1								3.8	5.5
SSE	4.2	5.6	1.9	.2								11.9	4.5
S	9.5	17.6	13.5	4.7								45.4	6.3
SSW	2.2	4.7	2.9	.9	.1							10.6	6.0
SW	.8	1.3	.4	.2								2.7	5.4
WSW		.3	.3									.6	6.3
W		.1	.1									.2	6.5
WNW		.1										.1	4.0
NW	.4	.2	.1									.8	3.6
NNW	.5	.8	.2									1.5	4.2
VARBL													
CALM												13.7	
	24.5	33.7	21.8	6.2	.1							130.0	4.8

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)

7932 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.3	.1	.1								2.5	3.1
NNE	.7	.3										.3	3.6
NE	.3	.1										.4	2.3
ENE	.6											.6	1.8
E	.9	.4	.1									1.3	3.7
ESE	.9	.9	.2									1.9	4.0
SE	1.5	.9	.5									2.9	4.1
SSE	3.9	3.2	.8									7.8	3.8
S	7.2	15.1	8.6	1.0								34.8	5.2
SSW	4.3	6.9	5.4	1.3	.1							18.0	5.8
SW	1.5	2.4	1.1									4.9	5.2
WSW	.3	1.7	1.0									2.3	5.7
W	.1	.4	.1	.1								.8	5.7
WNW		.1										.1	6.0
NW	.9	.1	.1	.1								1.2	3.6
NNW	.9	1.7	.1									2.7	4.1
VARBL													
CALM												17.2	
	28.3	33.8	18.1	2.6	.1							100.0	4.1

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
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

39	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.9	.8									4.4	4.4
NNE	.9	.5	.4									1.9	4.4
NE	.5	.2	.2									1.0	4.2
ENE	.4	.3	.1									.9	3.9
E	.7	.9										2.6	3.2
ESE	.8	1.0	.1									1.8	4.0
SE	.9	1.0	.3									2.0	4.9
SSE	2.9	3.2	.9	.2								7.2	4.4
S	9.6	12.7	7.4	1.1								30.8	5.3
SSW	4.1	4.8	5.3	1.5	.1							15.8	6.1
SW	.5	2.6	2.6	.4								6.1	6.5
WSW	.6	1.2	.9	.1								2.8	5.9
W	.4	.6	.4	.2								1.7	5.8
WNW	.5	.1	.1									.8	3.7
NW	.8	.4										1.2	2.6
NNW	.1	1.2	.3									2.6	4.2
VARBL													
CALM												16.5	
	27.3	32.8	19.8	3.5	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3?? (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (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	.6	1.[illegible]	.[illegible]	.4								2.7	6.2
NNE	.5	1.6	1.3									3.4	5.8
NE	.[illegible]	1.[illegible]	1.1	.2								2.6	6.2
ENE	.8	.4	.6									1.8	4.9
E	.3	2.2	.4	.1								4.5	4.3
ESE	.8	2.7	.6									4.1	5.1
SE	1.3	1.2	.9	.2								3.5	5.3
SSE	2.0	2.5	2.9	.2								7.6	5.7
S	2.8	7.5	10.6	6.1								27.1	8.0
SSW	1.3	4.1	8.2	5.1								18.3	6.8
SW	.8	3.7	3.2	1.3								8.9	7.1
WSW	.4	1.9	1.7	.3								4.4	6.6
W	.3	1.4	1.1	.1								3.5	5.5
WNW	.[illegible]	1.1	.3									1.5	5.4
NW	.5	.3	.2	.1								1.2	4.8
NNW	.1	1.[illegible]	.2									1.3	5.2
VARBL													
CALM												3.4	
	14.9	33.4	34.1	14.2								100.0	6.7

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)

3972 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.	.9	.2								2.5	6.2
NNE	.4	.3	.9	.2								1.8	6.8
NE	.5	1.9	1.2	.2								3.9	6.2
ENE	.1	1.6	1.2									3.9	5.3
E	2.7	4.1	2.9	.6								10.3	5.6
ESE	1.2	2.6	1.7									5.5	5.5
SE	2.2	4.1	2.8	.4	.1							9.6	5.6
SSE	1.3	6.8	5.7	1.8	.1							15.4	6.9
S	1.5	7.1	10.6	5.9	.4							25.6	8.3
SSW	.8	2.8	5.6	2.3								11.4	8.3
SW	.2	1.1	1.3	.1								2.7	6.7
WSW	.4		.6									1.1	6.1
W	.6	.9	.1									1.6	3.8
WNW	.1		.1	.3								.5	9.6
NW		.2	.1	.2								.5	7.8
NNW	.3	.3	.3	.1								1.1	5.6
VARBL													
CALM												2.7	
	13.4	34.7	36.0	12.5	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AA 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)

7912	ROBERT GRAY AAF TX (FORT HOOD)	67-70,73-80	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.3	.1								2.6	6.5
NNE	.1	.6	.8	.2								1.7	7.8
NE	.1	.8	1.2	.3								2.4	8.4
ENE	.2	1.6	1.9	.8								5.2	7.0
E	1.4	4.3	4.2	1.0								10.9	6.7
ESE	.8	4.3	4.5	.6								11.3	6.3
SE	1.2	5.8	4.6	.6								12.3	6.4
SSE	1.2	4.6	7.8	2.6	.1							16.1	8.1
S	.8	5.7	12.8	5.2								24.4	8.5
SSW	.8	1.4	2.7	1.2								6.0	7.8
SW	.1	.6	.5	.3								1.6	7.2
WSW		.1	.2	.1								.4	8.0
W	.1	.5	.1		.1							.9	6.9
WNW	.2	.2	.2									.6	5.0
NW		.3	.1	.1								.5	7.8
NNW	.2	.4	.1	.2								1.0	6.4
VARBL													
CALM												2.2	
	9.0	32.2	43.1	13.3	.2							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

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)

72 2	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) — 1800-2100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.3									1.9	4.9
NNE	.6	.4	.4	.3								1.8	5.9
NE	.4	.9	.3	.2								1.8	5.6
ENE	.9	1.5	.9	.2								3.5	5.8
E	3.2	5.2	1.8	.5		.1						10.9	5.2
ESE	2.9	8.1	3.1	.6								14.7	5.5
SE	2.4	6.3	5.8	.3								14.8	6.0
SSE	3.6	7.2	8.8	1.8								21.5	6.5
S	2.4	5.4	6.1	4.3								18.2	7.6
SSW	.5	1.3	.8	.3								2.9	6.0
SW	.2	.1	.2									.5	4.8
WSW	.2		.3	.1								.6	6.8
W	.1	.3										.4	3.8
WNW	.1											.1	2.0
NW	.1	.4	.1									.6	5.5
NNW	.3	.4	.1									.9	4.0
VARBL													
CALM												4.7	
	18.6	38.5	29.2	8.8		.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 927

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) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-73 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.4									2.2	4.1
NNE	.1											.9	2.1
NE	1.	.2										1.2	2.6
ENE	.1	.5		.1								1.7	3.5
E	1.4	1.7	.4									3.6	4.2
ESE	2.2	4.7	1.1	.2								8.2	4.6
SE	2.2	5.3	2.9	.3								10.7	5.6
SSE	5.[illegible]	[illegible].3	7.4	.4								23.2	5.5
S	9.9	9.3	8.5	2.6								30.3	5.7
SSW	1.2	1.6	.4									3.2	4.4
SW	.3	.5	.3									1.2	5.4
WSW	.1	.1										.2	3.5
W	.1	.2	.2	.1								.6	7.1
WNW		.1	.2									.3	6.3
NW	.1	.1										.2	3.5
NNW	.1	.1										.4	2.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.9	
	27.7	34.6	22.0	3.8								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 927

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)

13WZ (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (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	.5	.8	.6	.1								2.5	5.0
NNE	.5	.5	.5	.1								1.6	5.6
NE	.4	.6	.5	.1								1.7	5.9
ENE	.8	.8	.6	.1								2.2	5.4
E	.9	2.4	1.3	.3		.0						5.9	5.2
ESE	1.5	3.1	1.5	.2								6.3	5.3
SE	.6	3.2	2.4	.3	.0							7.4	5.8
SSE	3.1	5.3	4.5	.9	.0							13.8	6.0
S	5.8	11.0	9.8	3.9	.1							29.6	6.7
SSW	1.8	3.5	3.9	1.6	.0							10.8	6.9
SW	.6	1.5	1.2	.3								3.6	6.4
WSW	.3	.6	.6	.1								1.6	6.2
W	.3	.6	.3	.1	.0							1.2	5.4
WNW	.1	.2	.1	.0								.5	5.5
NW	.3	.3	.1	.1								.8	4.6
NNW	.5	.7	.2	.0								1.4	4.5
VARBL													
CALM												9.0	
	20.5	34.2	28.0	8.1	.1	.0						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7434

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)

7912 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | SEP MONTH

ALL WEATHER CLASS | 0000-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.7	2.3	.6								7.6	6.2
NNE	1.1	.9	.9	.6								3.3	6.2
NE	.6	.4	.6									1.6	5.4
ENE	.8	.4										1.2	3.2
E	.9	1.1	.1	.1								3.1	3.5
ESE	1.3	1.3	.4									3.1	4.2
SE	1.6	2.3	.8									4.7	4.7
SSE	2.4	4.8	2.7	.3								10.2	5.5
S	6.7	7.2	9.2	3.7								26.8	6.5
SSW	1.1	1.2	.7	.6								3.4	6.2
SW	.6	.8	.9	.8								3.0	7.4
WSW	.3	.1	.2									.7	5.2
W		.1	.1									.2	7.0
WNW	.3	.3	.1	.1								.9	5.6
NW	.7	.6	.1									1.3	3.7
NNW	3.9	2.1	.3	.2								6.4	3.8
VARBL													
CALM												22.4	
	24.0	27.2	19.4	6.9								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

39 2	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

.300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.8	2.9	1.3	.1							9.4	6.4
NNE	.1	1.4	.3		.1							3.0	5.0
NE		.3	.3									.7	7.0
ENE	.7	.3	.1									1.1	3.6
E	.1	.4										1.6	2.8
ESE	.7	.6	.1	.1								1.4	4.6
SE	1.3	.8	.2									2.3	3.5
SSE	1.5	3.4	2.0									6.4	5.5
S	5.4	9.3	7.3	.7								22.8	5.6
SSW	1.6	1.9	1.7	1.1								6.2	6.6
SW	.8	1.6	1.3	.4								4.1	6.5
WSW	.4	.7	.3									1.4	4.8
W	.1	.6	.1									.8	5.1
WNW	.2	.3										.6	3.4
NW	1.4	.6	.3	.1								2.4	4.2
NNW	3.6	3.8	1.0	.3								8.7	4.2
VARBL													
CALM												27.0	
	21.8	28.8	18.1	4.1	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

'922 (STATION) ROBERT GR.. AAF TX (FORT HOOD) (STATION NAME) 68-73,73-79 (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	5.4	4.1	3.7	1.9								13.1	6.3
NNE	1.3	1.6	1.0	.2								4.1	5.4
NE	.4	.6	1.0									2.0	5.6
ENE	1.1	.6	.1									1.8	3.6
E	1.1	.4	.2									1.8	3.6
ESE	.4	1.1										1.6	4.0
SE	.9	1.1	.1	.1								2.2	4.3
SSE	1.8	4.1	1.4									7.3	4.8
S	3.7	7.9	6.6	1.2								19.3	5.9
SSW	1.2	1.8	2.6	.8								6.3	7.1
SW	.7	.8	.7	.4								2.6	6.4
WSW	.1	.9	.4	.1								1.6	6.2
W	.2	.7	.7									1.6	5.9
WNW	.4	.6	.1									1.1	4.3
NW	1.2	.8	.2									2.2	3.6
NNW	3.1	4.[illegible]	1.1	.1								8.3	4.3
VARBL													
CALM												23.1	
	21.2	30.9	19.9	4.9								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

?? ? STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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	?.?	2.4	4.4	2.?	.1							11.0	7.6
NNE	.8	2.2	2.1	1.6	.1							6.8	7.8
NE	.3	2.4	2.9	.4								6.1	6.9
ENE	1.?	1.8	.9	.4								4.1	5.6
E	1.3	3.6	1.7		.2							6.8	5.6
ESE	.9	2.4	.6									3.9	5.0
SE	.9	1.4	1.0									3.3	5.3
SSE	1.4	2.3	2.0	.2								6.0	5.8
S	1.4	4.3	7.3	5.1	.2							18.4	8.7
SSW	.4	3.3	4.9	3.6	.3							12.6	8.9
SW		.9	1.6	1.3	.1							3.9	9.7
WSW	.7	1.2	.7	.1	.1							2.8	6.4
W	.7	1.1	.2	.2								2.2	5.3
WNW	.6	.4	.6	.2								1.8	5.7
NW	.7	.4	.3	.1								1.6	5.8
NNW	.4	1.2	2.0	.8								4.4	8.0
VARBL													
CALM												4.3	
	13.6	31.7	33.1	16.1	1.2							100.0	7.1

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)

3902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.3	3.4	2.8								9.0	9.0
NNE	.4	2.1	3.9	1.9								8.3	8.4
NE	.8	2.8	3.0	.9								7.4	6.9
ENE	.8	2.3	2.6	.2								6.1	6.3
E	.2	4.4	2.7	.1	.1							8.6	6.0
ESE	1.2	2.8	1.4		.1							5.6	5.6
SE	.7	3.1	1.3		.1							5.2	5.7
SSE	1.3	2.9	3.7	.9								8.8	6.9
S	1.4	4.6	6.4	4.8	.2							17.4	8.5
SSW	.6	2.1	3.0	3.7								9.3	9.1
SW	.1	.3	.9	1.1	.1							2.6	10.5
WSW	.4	.4	.3	.4								1.7	7.3
W	.3	.4	.3					.1				1.2	8.4
WNW	.2	.2	.3	.2								1.0	7.0
NW	.4	.4	.6	.1	.1							1.7	6.6
NNW	.3	.3	1.6	.7								2.9	8.8
VARBL													
CALM												3.2	
	.8	31.7	35.7	17.8	.8			.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 990

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)

3912 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	4.6	2.4	.4	.1						10.6	9.1
NNE	.4	1.9	3.3	1.0	.1							6.8	8.0
NE	.5	2.9	2.6	.7								6.7	6.8
ENE	1.4	3.1	3.6	.3								8.4	6.3
E	.9	4.6	3.1	.4								9.0	6.2
ESE	1.6	3.0	3.0	.4	.1							8.1	6.2
SE	1.4	2.8	2.4	.6								7.2	6.2
SSE	1.2	3.7	6.0	1.9	.1							12.9	7.8
S	1.3	2.7	8.0	4.4								16.1	8.9
SSW	.6	1.0	1.8	2.3	.1							5.8	9.2
SW	.7	.4	.1									1.2	3.7
WSW		.3	.2	.1								.7	8.0
W	.2	.2		.2								.7	6.2
WNW	.1		.1	.1	.1							.4	10.5
NW	.3		.2	.2								.8	7.1
NNW	.4	.3	1.0	.6		.1						2.4	8.5
VARBL													
CALM												2.2	
	12.0	28.8	40.0	15.8	1.0	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

912 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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	1.9	2.7	2.3	1.1								8.0	6.5
NNE	.8	2.2	2.8	.1								6.1	6.4
NE	.6	2.1	1.1	.1								3.9	5.7
ENE	.3	1.6	1.4	.4								5.8	5.1
E	4.1	6.8	1.9									12.0	4.3
ESE	1.9	5.8	2.0	.1								9.8	5.2
SE	1.2	3.7	4.8	.6								9.4	6.4
SSE	1.4	4.3	6.8	.8								13.3	6.9
S	2.8	3.2	5.8	1.9		.1						13.9	7.1
SSW	.2	.1	.7	.4								1.4	8.9
SW	.4	.6										1.0	3.7
WSW	.1		.1									.2	4.5
W	.1	.2										.3	4.0
WNW	.1											.1	2.0
NW	.3											.3	2.7
NNW	.3	1.4	.6	.1								2.4	5.6
VARBL													
CALM												12.7	
	19.0	33.1	29.4	5.7		.1						100.0	5.3

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)

72"2	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	SEP
STATION	STATION NAME	YEARS	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	2.4	2.6	2.4	.7								8.1	5.8
NNE	.7	1.6	1.1	.3								3.7	6.2
NE	.6	.9	.6									2.0	5.0
ENE	1.[illegible]	.8	.2									2.0	3.8
E	2.3	3.3	.2									5.9	4.0
ESE	2.3	1.7	.3									4.3	3.5
SE	1.7	4.[illegible]	3.2	.2								9.1	5.8
SSE	2.6	6.3	3.8	.7								13.3	5.8
S	4.9	5.9	7.3	2.8								20.9	6.6
SSW	.3	1.2	.2	1.3								3.1	8.1
SW	.2	.3	.1									.7	4.3
WSW	.[illegible]	.1	.2									.4	6.3
W	.2	.2										.4	3.0
WNW	.3											.3	2.0
NW	.3	.6		.1								1.0	4.4
NNW	1.3	1.9	.1	.2								3.6	4.5
VARBL													
CALM												21.1	
	21.3	31.3	19.9	6.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

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)

39.2	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	SEP
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	1.8	2.8	3.3	1.6	.1	.0						9.6	7.1
NNE	.8	1.7	1.9	.7	.0							5.3	7.1
NE	.5	1.6	1.5	.3								3.8	6.5
ENE	1.1	1.4	1.1	.2								3.8	5.4
E	1.7	3.0	1.2	.1	.0							6.1	5.0
ESE	1.3	2.2	1.0	.1	.0							4.6	5.1
SE	1.2	2.4	1.6	.2	.0							5.4	5.6
SSE	1.7	4.0	3.5	.6	.0							9.8	6.3
S	3.4	5.6	7.2	3.1	.1	.0						19.5	7.1
SSW	.7	1.6	1.9	1.7	.1							6.0	8.2
SW	.4	.7	.7	.5	.0							2.4	7.4
WSW	.3	.5	.3	.1	.0							1.2	6.2
W	.2	.4	.2	.1				.0				.9	5.8
WNW	.3	.2	.2	.1	.0							.8	5.5
NW	.7	.4	.2	.1	.0							1.4	4.8
NNW	1.7	1.9	1.0	.4		.0						4.9	5.3
VARBL													
CALM												14.5	
	18.0	30.4	26.9	9.7	.4	.0		.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM AA 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)

STATION	STATION NAME	YEARS	MONTH
[illegible]2	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	OCT

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.8	3.1	.4								8.4	6.3
NNE		1.3	1.4	.1	.2							3.0	8.1
NE	.1	.6	1.[illegible]	.1								1.8	7.4
ENE		.4										.4	5.5
E	.4	.5	.1									1.1	4.3
ESE	.3	1.0	.4	.1								1.8	5.6
SE	.8	.6	.8	.2								2.4	5.8
SSE	1.5	2.6	3.3	1.5	.3							9.4	7.6
S	8.2	15.3	9.0	4.8	.1							37.4	6.3
SSW	1.1	2.3	2.0	.5								5.9	6.3
SW	.5	.8	.4									1.7	4.9
WSW		.3	.3	.1								.8	8.3
W	.1	.2	.3									.6	6.8
WNW	.5	.2	.6	.2								1.7	6.6
NW	1.[illegible]	.6	.3	.1								2.0	4.2
NNW	1.8	2.8	1.1	.9	.1							6.7	5.9
VARBL													
CALM												14.8	
	17.6	33.3	24.3	9.1	.8							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)

3912 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | OCT MONTH

ALL WEATHER CLASS | 300-0500 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	.8	4.	2.6	1.1	.1							9.6	6.3
NNE	.5	.2	1.1	.4								2.3	7.8
NE	.3	.5	.4	.5								1.8	7.5
ENE	.2	.3	.3									.9	5.3
E	.3	.6	.2									1.2	4.5
ESE	.3	1.2	.1									1.6	4.8
SE	.9	1.4	.2	.1								2.6	4.9
SSE	2.3	3.2	2.3	.9	.1							8.7	6.0
S	5.8	9.9	8.7	3.1								27.5	6.4
SSW	1.6	3.1	2.7	.9								8.2	6.2
SW		1.8	1.1	.2								3.1	6.6
WSW		.3	1.6									1.9	8.2
W	.2	.6	.2	.1								1.2	5.8
WNW	.3	.6	.1	.4								1.5	7.0
NW	.3	.6	.2	.5								2.4	5.9
NNW	1.8	3.2	1.4	.8	.1							7.3	5.8
VARBL													
CALM												18.3	
	17.4	31.7	23.2	9.0	.3							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)

79?? (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.	2.6	2.0	.1							11.1	6.7
NNE	1.[illegible]	.9	1.1	.1								3.0	5.6
NE	.1	.2	.5	.3								1.2	8.7
ENE	.1	.3	.1	.1								.6	5.8
E	.6	.8	.6	.1								2.2	5.2
ESE	.9	.8	.1									1.7	4.0
SE	1.1	1.5	1.2	.2								4.0	5.6
SSE	2.4	4.8	2.5	1.1	.1							10.9	6.0
S	4.4	8.8	4.9	1.9	.5							20.6	6.3
SSW	1.[illegible]	2.2	1.5	.8								5.4	6.6
SW	.3	.6	1.3		.1							2.4	7.1
WSW	.2	.5	.9	.8								2.5	7.9
W	.2	.4	.8	.6								2.0	8.3
WNW	.1	.4	.3	.4								1.3	8.1
NW	.6	1.1	1.1	.1								2.9	5.9
NNW	2.3	4.1	1.7	1.0								9.0	5.8
VARBL													
CALM												19.2	
	7.6	31.5	21.2	9.6	.9							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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	OCT

CLASS: ALL WEATHER
HOURS (L.S.T.): 900-1100
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.7	3.3	3.1	.4							10.3	9.0
NNE	.2	1.6	2.2	.8								4.8	7.3
NE	.4	1.3	1.5	.6								3.9	7.5
ENE	.2	1.1	1.2	.4								3.0	6.6
E	.6	1.6	.6									2.9	5.1
ESE	.5	1.1	1.3									2.9	5.7
SE	.5	1.6	1.2	.2								3.5	5.9
SSE	1.0	2.4	4.1	1.7								9.1	7.8
S	1.7	4.6	8.5	8.0	.8	.1						23.7	9.4
SSW	.5	1.9	3.5	3.0	.3							9.4	9.5
SW	.2	1.3	1.3	1.3	.3							4.4	9.0
WSW	.3	1.7	1.0	.4								3.4	6.8
W	.4	1.1	1.0	.5								3.0	7.3
WNW	.2	1.5	.9	.4		.1						3.7	7.0
NW	.2	.4	1.3	.9								2.8	9.1
NNW	.2	1.0	1.8	1.9	.1							5.7	8.8
VARBL													
CALM												3.4	
	9.6	26.9	34.6	23.3	1.9	.2						10.3	8.0

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)

'S 12 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 63-70,73-79 (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	.1	2.7	4.2	3.2	.2							11.4	8.8
NNE	.5	1.6	1.7	1.0								4.8	7.6
NE	.5	1.6	2.4	.1								4.6	6.8
ENE	.2	1.1	.6	.1								2.0	6.1
E	1.4	1.8	.6	.1								4.0	4.8
ESE	.8	2.[illegible]	.9	.1								3.8	5.4
SE	.2	1.5	1.0	.4								3.1	6.8
SSE	.6	2.5	4.3	2.4	.1							9.9	8.5
S	.8	4.2	8.[illegible]	10.3	.2	.2						25.8	9.8
SSW	.6	1.2	4.[illegible]	2.5	.2							8.5	9.4
SW	.5	.8	1.5	.5	.1	.1						3.5	8.0
WSW	.5	.8	.4									1.7	5.6
W	.8	1.4	.8	.3								3.2	5.9
WNW	.3	.5	.3	.2	.1	.2						1.7	9.4
NW	.2	1.1	.9	.5	.1							2.8	8.0
NNW	.4	1.3	1.5	3.1								6.3	9.7
VARBL													
CALM												2.7	
	10.6	26.0	34.1	24.9	1.1	.5						100.0	8.2

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)

STATION	STATION NAME	YEARS	MONTH
9 2	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	OCT

CLASS: ALL WEATHER — HOURS (L.S.T.): 1530-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.4	5.1	3.1								11.4	8.6
NNE	.9	2.	2.7	1.2								6.7	7.7
NE	.	1.9	1.4	.4								4.7	6.4
ENE	.4	1.9	.8									3.1	5.6
E	1.3	4.	.5									5.8	4.6
ESE	1.	1.7	.6	.1								3.4	5.0
SE	.9	3.2	1.9	.9								6.9	6.4
SSE	1.1	2.9	6.2	3.9								14.1	8.7
S	.9	4.	8.7	8.9	.6							23.1	9.8
SSW	.6	1.5	2.3	1.0								5.4	7.6
SW	.3	1.	.6	.2								2.3	6.1
WSW	.4	.4	.2	.1								1.2	4.7
W		.4	.2	.2	.2	.2						1.3	12.2
WNW	.	.5	.2									.9	6.0
NW	.	.5	.3	.1								1.1	6.7
NNW	.4	.3	2.7	1.4	.1							4.9	9.4
VARBL													
CALM												3.8	
	11.1	28.8	34.6	21.5	1.0	.2						100.0	7.7

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)

7922 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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.[illegible]	4.[illegible]	2.[illegible]	.1							11.3	7.5
NNE	.9	1.4	1.2	.5								4.0	6.5
NE	.9	.8	.6									2.3	4.8
ENE	.9	.9	.3									1.9	4.4
E	2.4	3.3	.3									6.0	4.0
ESE	1.7	4.6	.3									6.7	4.4
SE	1.6	4.5	1.8	.8								8.7	5.9
SSE	2.5	6.5	5.7	2.2								16.8	6.6
S	5.6	7.3	4.2	.9	.1							18.1	5.2
SSW	.8	.5	.2									1.5	3.9
SW		.[illegible]	.1									.2	6.0
WSW	.1		.2									.3	6.[illegible]
W	.3	.3	.1	.2								1.0	6.1
WNW		.3	.4	.3	.1							1.2	10.5
NW	.3	.1		.1								.5	4.4
NNW	.9	1.3	.6	.4								3.2	6.1
VARBL													
CALM												16.3	
	19.8	35.9	20.2	7.4	.3							[illegible]0.0	4.9

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)

[illegible] STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-72,73-79 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	2.8	3.[illegible]	.6	.2							7.8	7.2
NNE	.5	1.6	2.[illegible]	.2								4.4	6.7
NE	.2	.2	.5	.4								1.4	8.3
ENE	.4	.3	.1	.1								[illegible].0	4.6
E	.9	1.3	.3	.1								2.6	4.7
ESE	.9	1.6	.6									3.1	4.8
SE	1.3	1.8	2.[illegible]	.1								5.3	5.7
SSE	3.2	4.1	4.[illegible]	2.5	.2							14.0	7.[illegible]
S	1 .4	11.4	4.5	4.1	.2							30.6	5.7
SSW	.6	2.2	.6									3.4	5.1
SW		.2	.3	.1								.6	8.5
WSW			.4									.4	8.8
W	.1	.2	.4	.1	.1							1.0	8.[illegible]
WNW	.5	.3	.4	.4								1.7	6.6
NW	.3	.5	.3									1.6	4.6
NNW	.9	2.2	1.3	.8								5.1	6.5
VARBL													
CALM												15.9	
	21.9	30.8	21.1	9.6	.8							100.0	5.2

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)

7922 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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	1.3	3.3	3.5	2.0	.1							10.2	7.6
NNE	.6	1.3	1.7	.5	.0							4.1	7.2
NE	.4	.9	1.0	.3								2.7	6.9
ENE	.3	.8	.4	.1								1.6	5.6
E	1.0	1.7	.4	.0								3.2	4.6
ESE	.8	1.7	.6	.0								3.1	4.9
SE	.0	2.1	1.3	.4								4.6	5.9
SSE	1.8	3.6	4.0	2.0	.1							11.6	7.3
S	4.9	8.2	7.2	5.3	.3	.0						25.9	7.3
SSW	.9	1.8	2.1	1.1	.1							6.0	7.5
SW	.2	.8	.3	.3	.1	.0						2.3	7.4
WSW	.2	.5	.6	.2								1.5	7.0
W	.3	.6	.5	.3	.0	.0						1.7	7.4
WNW	.3	.6	.4	.3	.1	.0						1.7	7.5
NW	.5	.6	.6	.3	.0							2.0	6.5
NNW	.2	2.1	1.5	1.3	.1							6.0	7.1
VARBL													
CALM												11.8	
	15.6	30.6	26.7	14.3	.9	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 66 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)

922	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	4.3	5.1	3.2	.3							14.1	8.3
NNE	.6	.9	1.1	.9	.3							3.8	8.6
NE		.3	.2									.6	6.0
ENE	.2	.2										.4	4.0
E	.7	.1										.8	2.1
ESE	.1	.3	.1									.6	5.0
SE	.8	.3	.3									1.4	4.1
SSE	1.6	2.4	2.8	1.6	.1							8.4	7.2
S	4.7	11.0	7.2	4.8	.6							27.6	7.1
SSW	.8	1.3	1.9	1.3	.4							5.8	8.7
SW	.2	.9	.6	.3								2.0	6.8
WSW	.2	.3	.6	.1								1.2	6.6
W	.7	.4	.4	.2								1.8	5.7
WNW	.7	.7	.6	.2	.1	.1						2.3	7.2
NW	1.8	2.8	.8	.8	.2							6.3	5.8
NNW	1.4	4.6	2.6	1.0	.1							9.7	6.7
VARBL													
CALM												13.2	
	14.8	31.0	24.2	14.4	2.2	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 966

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)

3922 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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	1.6	3.9	4.2	3.1	.6							13.3	8.3
NNE	.9	.9	1.1	.6	.1							3.6	7.2
NE	.1	.3	.1									.6	5.2
ENE	.1	.3										.4	3.8
E	.2	.1										.3	3.0
ESE	.3											.3	2.0
SE	.2	.9	.6	.1								1.8	6.0
SSE	1.8	2.3	1.7	1.0								6.8	6.2
S	3.1	8.9	5.0	3.9	.1							21.0	7.0
SSW	.8	1.7	2.0	2.0	.3							6.8	8.7
SW	.1	1.0	1.2	.2	.2							2.8	8.1
WSW	.3	.3	1.0	.3								2.0	7.6
W	1.3	.8	.6	.2								2.9	5.1
WNW	1.4	.4	.9	.1								2.9	5.3
NW	.9	1.1	1.9	.8	.1							4.7	7.4
NNW	1.9	4.9	2.9	1.6	.3							11.6	6.9
VARBL													
CALM												18.3	
	15.1	27.8	23.1	13.9	1.8							100.0	5.8

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)

[redacted] STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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	2.6	3.4	4.2	3.9								14.1	7.9
NNE	.6	.7	1.1	.3	.1							2.8	7.3
NE	.5	.3	.2									1.1	4.3
ENE	.3	.2										.6	3.4
E	.6	.1	.1									.8	3.9
ESE	.4	.2										.7	2.8
SE	.8	1.2	.3									2.3	4.4
SSE	2.9	2.9	1.7	.8								8.2	5.5
S	3.3	8.9	5.7	2.2	.2							20.0	6.6
SSW	.9	1.3	1.8	1.9	.2							6.1	8.8
SW		.4	.4	.4								1.3	8.6
WSW	.3	.4	.9	.3								1.8	8.0
W	.6	.9	1.6									3.0	6.6
WNW	.1	1.1	1.1	.2								3.6	6.0
NW	1.6	1.9	1.2	.7	.2							5.6	6.5
NNW	2.3	3.9	2.2	2.0	.4							11.3	7.0
VARBL													
CALM												16.8	
	18.7	28.0	22.6	12.8	1.2							120.0	5.7

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)

1912	ROBERT GRAY AAF IX (FORT HOOD)	68-70,73-79	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1900-1100
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	1.6	2.6	4.9	3.9	.7	.2						13.8	9.4
NNE	.7	.8	1.4	1.8		.1						4.8	9.0
NE	.6	1.1	.8	.3								2.7	6.4
ENE	.3	.6	.6	.1								2.0	5.2
E	.9	1.1	.6									2.4	4.8
ESE	.4	.9	.6	.1								1.9	5.6
SE	.2	1.0	1.1	.2								2.6	6.8
SSE	.7	2.8	3.6	.9	.1							8.0	7.4
S	1.4	3.3	5.6	7.1	1.2	.1	.1					18.9	10.2
SSW	.4	1.1	2.7	3.8	.3	.3	.1					8.8	11.3
SW	.2	.7	.9	1.4	.2							3.4	9.9
WSW	.3	.6	1.0	1.0								2.9	8.4
W	.2	1.2	1.9	.9	.1							4.3	8.1
WNW	.6	.9	.7	.9								3.0	7.9
NW	.8	1.1	1.3	.9	.4	.1						4.6	9.2
NNW	.9	1.7	3.9	3.8	1.0	.2						11.4	10.4
VARBL													
CALM												4.6	
	11.7	20.9	31.3	27.1	4.1	1.1	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 500

USAFETAC FORM JUL 84 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)

91 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1230-1400 (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	2.7	5.8	4.1	1.2							14.0	10.0
NNE	.8	1.3	1.9	1.1	.2							5.3	8.4
NE	.2	1.2	.9	.3								2.7	7.0
ENE	.7	.6	.8									2.0	5.8
E	.8	1.4	.6									2.8	4.7
ESE	.4	1.1	.4	.1								2.1	5.2
SE	.4	1.1	1.8	.2								3.4	6.9
SSE	.6	1.2	2.9	1.3								6.0	8.5
S	.8	2.6	5.1	6.2	2.8	.8						18.2	11.6
SSW	.4	1.4	4.7	3.9	1.8	.2						12.4	11.3
SW	.1	.8	1.3	.7	.3	.1						3.3	9.6
WSW	.6	.8	1.1	.8	.1							3.3	8.1
W	.7	1.2	1.2	.7	.3							3.9	8.1
WNW	.7	.2	.4	.4	.6	.1						3.0	9.4
NW		1.7	.8	1.8	.4							4.7	9.7
NNW	.4	1.1	2.7	4.4	.6	.1						9.3	11.2
VARBL													
CALM												3.4	
	8.7	20.9	32.1	26.1	8.1	1.3						100.0	9.3

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)

3902 (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) | 58-70,73-79 (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	.9	3.4	5.4	4.7	.3							14.8	9.2
NNE	.5	1.6	2.1	.4	.1							4.8	7.2
NE	.7	1.1	1.0	.2								2.9	6.3
ENE	.6	.9	1.0									2.4	5.8
E	.3	1.3	.6									2.1	5.4
ESE	.7	1.3	.3	.3								2.7	5.6
SE	.8	2.3	2.4	.3								5.6	6.6
SSE	1.3	2.4	3.1	1.1								7.7	7.3
S	1.1	3.6	6.7	8.1	2.3	.1						21.9	10.5
SSW	.1	1.8	2.8	1.4	.2							6.3	8.9
SW	.3	.7	.7	.6	.1							2.3	8.0
WSW	.8	1.1	.3	.4								2.7	6.0
W	1.4	1.4	.3	.2	.2	.1						3.8	5.8
WNW	.7	.2	.7	.9	.3	.1						2.4	11.4
NW	.1	.7	1.8	1.1	.2							3.9	9.8
NNW	.6	1.7	3.6	4.0	.6							10.3	10.3
VARBL													
CALM												3.4	
	10.0	25.1	32.8	23.9	4.4	.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7932 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	4.3	4.2	2.0	.2							12.7	7.3
NNE	.7	1.7	1.7	.1								4.1	6.4
NE	.4	.4	.2	.1								1.2	5.0
ENE	.3	.7										1.0	3.7
E	.6	1.6	.2									2.3	4.3
ESE	.4	1.9	.9	.1								3.3	5.6
SE	.7	2.8	1.2	.1								4.8	5.8
SSE	2.4	5.9	3.4	1.0								12.8	6.1
S	6.2	7.9	4.0	1.4								19.6	5.3
SSW	.3	1.2	.9	.3								2.8	6.6
SW		.7	.8									1.4	6.6
WSW		.4										.4	4.5
W	.4	.3	.2									1.0	3.9
WNW	.9	.6		.1								1.6	3.8
NW	.7	2.3	.4	.1								3.6	4.9
NNW	2.2	5.1	2.2	1.3	.6							11.4	6.8
VARBL													
CALM												16.0	
	18.2	37.8	20.4	6.8	.8							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AK 44 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)

'S 2 (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) | 69-70,73-79 (YEARS) | NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	'.8	4.1	2.8	2.1	.2							11.0	7.3
NNE	.6	1.2	1.6	.4								3.8	7.0
NE	.1	.6	.2									.9	5.1
ENE	.2	.3	.1									.7	4.7
E	.4	.3										.8	3.3
ESE	.2	.4	.1									.8	5.0
SE	.6	.8	1.0	.2								2.6	6.6
SSE	'.7	3.1	3.1	1.9								9.8	7.2
S	6.3	10.8	6.3	3.7	.9							28.0	6.6
SSW	'.1	1.6	.9	.7								4.2	6.4
SW	.3	.9	.6	.2								2.0	6.7
WSW	.3	.1	.4									.9	5.6
W	.1	.7	.1	.1								1.0	5.6
WNW	.7	.8	.3									1.8	4.4
NW	2.2	2.9	.2	.3	.2							5.9	4.8
NNW	2.4	5.1	2.1	1.9	.2							11.8	6.5
VARBL													
CALM												14.2	
	9.1	33.7	19.9	11.6	1.6							1[illegible]0.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	ROBERT GRAY AAF TX (FORT HOOD)	63-70,73-79	NOV

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.6	4.6	3.4	.6	.2						13.5	8.5
NNE	.7	1.1	1.5	.7	.1	.2						4.1	7.7
NE	.7	.7	.5	.1								1.6	6.0
ENE	.4	.5	.3	.0								1.2	5.1
E	.5	.7	.2									1.5	4.4
ESE	.4	.9	.3	.1								1.5	5.2
SE	.6	1.2	1.1	.2								3.1	6.1
SSE	1.6	2.9	2.8	1.2	.0							8.5	6.8
S	2.2	7.1	5.7	4.7	1.2	.1	.0					21.9	8.0
SSW	.6	1.4	2.2	1.9	.4	.1	.0					6.7	9.5
SW	.2	.7	.8	.5	.1	.0						2.3	8.3
WSW	.7	.5	.7	.4	.0							1.9	7.3
W	.7	.9	.8	.3	.1	.2						2.7	6.6
WNW	.8	.7	.6	.4	.1	.2						2.6	7.1
NW	1.0	1.4	1.1	.8	.2	.2						4.9	7.1
NNW	.6	3.5	2.8	2.5	.5	.2						10.9	8.1
VARBL													
CALM												11.2	
	14.3	28.1	25.8	17.1	3.0	.4	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	ROBERT GRAY AAF TX (FORT HOOD)	68-71,73-79	DEC

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 000-0200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.[illegible]	3.4	3.7	.7							12.4	8.3
NNE	.2	.5	.6	.2								1.6	7.4
NE	.2	.6	.1									1.0	4.4
ENE			.1									.1	8.0
E	.1											.1	2.0
ESE	.3	.6			.1							1.2	5.2
SE	.9	.4	.3									1.6	4.3
SSE	1.7	2.2	1.4	.6								5.9	5.8
S	5.1	11.8	7.2	4.7	.4							28.2	7.0
SSW	.1	2.5	3.4	1.8	.7							8.1	8.8
SW	.1	.9	.8	.9								2.6	8.6
WSW		.2	.4	1.2								1.9	10.2
W	.1	.5	.5	.6		.1						1.9	9.4
WNW	.2	.8	1.2	.4	.2	.1						3.6	7.9
NW	.2	2.2	1.2	.5								5.1	6.1
NNW	.2	4.1	2.[illegible]	2.0	.3							10.6	7.3
VARBL													
CALM												14.1	
	5.0	23.5	22.8	16.8	1.5	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

912 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-7 ,73-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 300-0600 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.	4.1	4.1	.6							13.5	8.9
NNE	.5	.5	.1									1.2	4.0
NE	.2	.4	.3									1.0	5.8
ENE		.1	.1									.2	8.5
E	.2	.3										.6	3.3
ESE		.2	.1	.1								.4	7.3
SE	.3	.2	.3	.1								1.6	5.6
SSE	1.8	2.8	1.0	.2								5.8	5.0
S	3.5	8.1	6.0	3.5	.4							21.6	7.1
SSW	.5	1.7	2.9	2.0	.5	.1						7.8	9.7
SW	.3	.3	2.5	.8								3.9	8.6
WSW	.1	.4	.8	1.5								2.8	10.2
W	.3	.6	1.0	1.1	.1							3.1	9.2
WNW	.1	1.2	1.0	1.2	.1							4.5	7.7
NW	.1	1.	.6	.4								3.1	5.6
NNW	.7	3.4	2.8	2.8	.6							11.4	8.2
VARBL													
CALM												.7.3	
	13.7	25.1	23.5	17.8	2.5	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-3 (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 | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 63-70,73-79 YEARS | DEC MONTH

ALL WEATHER CLASS | 600-0800 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	[illegible]	2.7	2.9	5.5	.5							13.4	9.3
NNE	.7	.3	.2	.1								1.3	6.9
NE	.2	.2	.1									.5	4.4
ENE													
E	.3	.3	.1									1.2	4.5
ESE	.4	.4	.2									1.1	5.1
SE	.2	.3	.2	.1								1.5	8.1
SSE	1.6	2.	.5	.1								4.3	9.7
S	4.4	8.9	5.9	3.3	.4							2. 3	6.6
SSW	.5	1.1	2.3	2.5	.2							6.6	9.5
SW	.1	.1	1.2	.8								2.2	9.9
WSW	.3	.4	1.4	2.4								4.5	10.5
W	.5	.5	1.4	1.2								3.7	8.7
WNW	.4	1.2	.9	.8								3.2	7.5
NW	.7	1.4	2.4	.8								6.2	6.6
NNW	2.2	4.4	2.3	2.7	.3							11.8	7.6
VARBL													
CALM												15.8	
	6.9	24.6	21.9	20.1	1.5							[illegible]	6.4

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)

[illegible] STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-72,73-79 YEARS | DEC MONTH

ALL WEATHER CLASS | 900-1100 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	[illegible]	3.[illegible]	3.5	5.4	.6							14.1	9.4
NNE	.[illegible]	1.1	2.3	.9								4.4	8.4
NE	.4	.6	.3									1.4	5.1
ENE	.1	.6	.3	.1								1.2	6.2
E	.4	.[illegible]	.5	.1								1.9	5.7
ESE	.5	.3	.5									1.4	5.0
SE	.5	.[illegible]	.4									1.8	4.8
SSE	.8	1.0	2.[illegible]	.3								5.1	6.5
S	1.4	4.[illegible]	6.5	6.3	.5							19.6	9.0
SSW	.3	1.6	3.[illegible]	4.1	.8	.2						10.[illegible]	11.0
SW	.4	.3	1.7	1.3	.5							4.3	10.5
WSW	.[illegible]	.1	.8	.8	.5							2.4	11.7
W	[illegible].1	.3	1.9	1.6	.3							5.7	9.0
WNW	.8	1.6	1.6	1.1	.1	.1						5.3	8.1
NW	.5	1.5	1.7	1.5	.3							5.6	6.9
NNW	.8	2.	3.[illegible]	4.5	.6	.2						11.2	10.5
VARBL													
CALM												4.7	
	[illegible].0	22.2	30.2	28.0	4.4	.5						[illegible]0.1	8.6

TOTAL NUMBER OF OBSERVATIONS 935

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)

3922 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1210-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.8	4.6	6.7	.5							14.1	10.6
NNE	.3	1.1	1.4	.5	.3							3.9	8.0
NE	.4	.4	.5									1.4	5.4
ENE	.4	1. .	.5									1.9	5.1
E	.2	1.6	.4	.1								2.4	5.7
ESE	.2	.1	.6									1.0	6.4
SE	.3	.8	.5	.1								1.7	5.6
SSE	.6	1.3	1.6	.6	.1							4.3	7.3
S	1.1	2.9	5.6	6.9	1.4	.2						18.1	10.5
SSW	.3	1.2	3.3	5.4	1.4	.2						11.8	12.0
SW	.4	1.1	1.n	2.6	.4	.1						5.6	10.4
WSW	.2	1.n	1.1	1.0	.6							3.9	10.2
W	.1	.9	2.n	1.3	.4							4.7	10.1
WNW	.2	.5	1.8	1.7	.3							4.6	10.3
NW	.6	1.2	1.4	1.9	.4							5.6	9.6
NNW	.6	1.4	3.2	3.4	1.4	.2						10.3	11.0
VARBL													
CALM												4.7	
	6.9	18.2	29.8	32.3	7.4	.8						100.0	9.5

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)

34,12	OBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

15.0-17.00
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	4.8	4.8	.4							14.4	9.3
NNE	.3	.6	1.1	.8								2.9	8.3
NE	.5	.6	1.3									2.2	5.8
ENE	.5	.9	.1									1.5	4.0
E	.9	1.5	.6									3.0	4.8
ESE	.5	.8	.2									1.5	4.4
SE	.8	1.9	1.3	.2								4.2	5.8
SSE	.8	1.8	1.9	.9								5.4	7.1
S	.6	4.4	7.5	8.7	1.0	.2						22.5	10.1
SSW	.4	1.2	2.3	3.0	.9	.1						7.8	11.1
SW	1.3	1.1	.5	1.0	.1							4.2	7.0
WSW	.3	.8	1.1	.8	.3							3.2	9.3
W	.8	.6	1.4	1.4	.1							4.3	8.9
WNW	.8	.5	1.3	.8	.3							3.7	8.7
NW	.2	1.7	1.3	1.9	.3	.1						5.6	9.6
NNW	.3	1.5	3.1	3.2	1.0		.1					9.1	10.9
VARBL													
CALM												4.8	
	7.2	23.1	29.5	27.4	4.4	.4	.1					100.0	8.5

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	ROBERT GRAY AAF TX (FORT HOOD)	68-73,73-79	DEC

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 0800-2000

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	.5	2.5	4.4	2.6	.2	.1						11.3	8.4
NNE	.9	.3	.5	.2								1.8	5.3
NE	.2	.5	.2									1.0	4.9
ENE	.5	.4										1.0	3.1
E	.7	1.1	.3									3.1	3.7
ESE	1.3	1.0	.2									3.5	3.9
SE	1.2	2.6	.3	.2	.1							4.4	5.1
SSE	2.9	3.1	3.0	.4	.2							9.7	5.7
S	5.1	12.4	6.1	2.0								25.7	5.8
SSW	.5	1.3	.9	.2								2.9	6.1
SW	.	.1	.2	.1								.5	6.8
WSW	.2	.3	.3	.3								1.2	7.1
W	.5	.8	.5	.2	.1	.1						3.2	6.0
WNW	.5	1.3	.5									2.4	4.8
NW	1.4	2.2	1.2	1.1	.1							5.9	6.8
NNW	1.5	2.3	1.7	1.6	.3							7.4	7.7
VARBL													
CALM												14.9	
	1.0	33.1	20.6	9.1	1.1	.2						100.0	5.2

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)

13922 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-71,73-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.8	4.7	3.8	.3							12.5	8.7
NNE	.3	.4	.4	.6								1.8	7.9
NE	.2	.1	.1									.5	4.6
ENE	.3	.1										.4	3.3
E	.2	.4	.2									.9	5.0
ESE	.4	.5	.2									1.2	4.5
SE	.3	1.9	.3									3.0	4.9
SSE	2.3	1.9	2.3	1.0		.2						7.7	6.6
S	4.6	12.7	5.3	5.2	.1							27.9	6.6
SSW	.4	3.3	2.3	.6	.2							6.9	7.1
SW	.2	.6	1.2	.5								2.6	8.3
WSW	.1	.3	.4	.1								1.0	7.1
W	.2	.4	.5	.2	.2	.2						1.8	10.2
WNW	.2	.2	.4	.1								1.0	6.3
NW	1.5	1.8	1.3	1.3	.1							6.0	7.1
NNW	1.4	3.9	1.3	1.8	.1	.1						8.6	7.2
VARBL													
CALM												16.1	
	15.2	30.7	21.0	15.3	1.1	.5						100.0	6..

TOTAL NUMBER OF OBSERVATIONS 927

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)

[illegible]02 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-71,73-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.6	4.1	4.6	.4	.0						13.2	9.1
NNE	.4	.6	.8	.4	.0							2.3	7.5
NE	.3	.5	.3									1.1	5.2
ENE	.2	.4	.1	.0								.8	4.7
E	.2	.8	.3	.0								1.7	4.7
ESE	.5	.6	.3	.0	.0							1.4	4.8
SE	.7	1.2	.5	.1	.0							2.5	5.1
SSE	.6	2.1	1.7	.5	.0	.0						6.0	6.1
S	3.2	8.1	6.3	5.1	.5	.1						23.3	7.7
SSW	.4	1.7	2.5	2.5	.5	.1						7.8	9.9
SW	.4	.6	1.1	1.0	.1	.0						3.2	9.1
WSW	.2	.5	.8	1.0	.2							2.6	10.0
W	.6	.6	1.2	1.0	.2	.1						3.6	8.9
WNW	.6	.9	1.1	.8	.1	.0						3.5	8.1
NW	.	1.6	1.4	1.2	.2	.0						5.4	7.6
NNW	1.3	2.9	2.4	2.8	.6	.1	.0					10.1	8.8
VARBL													
CALM												11.6	
	13.5	25.8	24.9	20.9	3.0	.3	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7432

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)

13912 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 68-70,73-80 YEARS — ALL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	3.2	2.4	.3	.0						9.5	8.5
NNE	.6	1.1	1.3	.5	.0	.0						3.5	7.2
NE	.4	.8	.7	.2	.0	.0						2.2	6.5
ENE	.5	.8	.5	.1	.0							1.9	5.6
E	.9	1.5	.7	.1	.0	.0						3.3	5.2
ESE	.7	1.5	.9	.2	.0	.0						3.3	5.7
SE	.9	2.1	1.9	.5	.0	.0	.0					5.4	6.6
SSE	1.7	3.5	4.3	2.1	.2	.0	.0	.0				11.8	7.6
S	3.4	7.1	8.1	5.6	.6	.1	.0					24.9	8.0
SSW	.8	2.0	2.6	1.8	.2	.0	.0					7.5	8.4
SW	.3	.8	1.0	.5	.0	.0						2.7	7.7
WSW	.2	.5	.6	.4	.0	.0						1.8	7.8
W	.4	.6	.6	.5	.1	.0	.0	.0				2.2	8.4
WNW	.3	.4	.5	.4	.1	.0	.0					1.8	8.4
NW	.6	.8	.7	.6	.1	.0	.0					2.8	7.8
NNW	.9	1.8	1.5	1.4	.3	.1	.0					6.0	8.4
VARBL													
CALM												9.3	
	13.9	27.6	29.4	17.4	2.1	.3	.0	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 87623

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-73,73-80 (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	1.2	3.2	6.9	4.3	.5	.1						16.7	8.8
NNE	.7	2.1	2.7	.9	.1							6.5	7.4
NE	.5	1.4	1.3	.3	.0	.0						3.5	6.6
ENE	.6	1.0	.8	.2	.0							2.6	6.0
E	.9	1.4	1.1	.2	.0							3.7	5.8
ESE	.6	1.4	1.2	.5	.0	.0						3.8	6.8
SE	1.0	2.2	3.0	1.1	.1	.0						7.4	7.4
SSE	1.5	3.7	6.1	3.5	.2	.0						15.0	8.4
S	1.1	4.6	8.2	5.5	.3	.0						20.2	8.7
SSW	.3	.8	1.5	1.0	.1	.0						3.7	8.8
SW	.2	.3	.4	.1								1.0	7.1
WSW	.1	.2	.2	.0		.0						.5	6.9
W	.1	.3	.3	.1	.0	.0						.8	7.9
WNW	.1	.2	.2	.2	.0	.0	.0					.7	9.0
NW	.2	.2	.8	.6	.0	.0						1.9	9.3
NNW	.5	1.1	2.3	2.1	.4	.1						6.5	9.7
VARBL													
CALM												5.5	
	10.2	24.8	36.8	23.7	1.8	.2	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 10024

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

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 intersect of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 hereof.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

0000-0200 (HOURS IST)

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	50.1	51.1	51.7	51.8	52.2	52.2	52.3	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	52.5	53.4	54.1	54.2	54.5	54.5	54.6	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	52.5	53.4	54.1	54.2	54.5	54.5	54.6	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 16000	52.5	53.4	54.1	54.2	54.5	54.5	54.6	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 14000	52.6	53.5	54.2	54.3	54.6	54.6	54.7	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 12000	53.0	54.0	54.6	54.7	55.1	55.1	55.2	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	54.7	55.7	56.3	56.5	56.8	56.8	56.9	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 9000	54.8	55.8	56.5	56.6	56.9	56.9	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 8000	55.	56.7	57.3	57.4	57.7	57.7	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	56.0	57.1	57.7	57.8	58.2	58.2	58.3	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 6000	56.6	57.7	58.4	58.5	58.8	58.8	58.9	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 5000	58.6	60.3	61.0	61.1	61.4	61.4	61.5	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4500	59.8	61.6	62.4	62.5	62.8	62.8	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	61.3	63.1	64.0	64.1	64.4	64.4	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 3500	61.8	63.9	64.7	64.8	65.2	65.2	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3000	62.9	65.1	65.9	66.0	66.3	66.3	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 2500	64.5	67.0	67.8	68.0	68.4	68.4	68.5	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2000	66.2	69.4	70.2	70.3	70.8	70.8	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 1800	66.8	70.1	71.0	71.1	71.5	71.5	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1500	69.2	73.2	74.2	74.3	74.7	74.7	74.8	74.8	74.8	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 1200	71.3	77.1	78.2	78.3	78.7	78.7	78.9	78.9	78.9	79.2	79.2	79.2	79.4	79.4	79.4	79.4
≥ 1000	73.1	80.0	81.1	81.3	81.9	81.9	82.2	82.2	82.2	82.5	82.5	82.5	82.6	82.6	82.6	82.6
≥ 900	73.4	80.8	81.8	82.0	82.7	82.7	82.9	82.9	82.9	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 800	73.8	81.6	82.7	82.9	83.5	83.5	83.8	83.8	83.8	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 700	74.1	82.6	83.7	84.0	84.7	84.7	84.9	84.9	84.9	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 600	74.6	83.9	85.1	85.5	86.3	86.3	86.6	86.6	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 500	74.6	84.6	86.9	87.5	88.7	88.8	89.0	89.0	89.0	89.4	89.4	89.6	89.7	89.7	89.7	89.7
≥ 400	74.7	84.9	87.3	88.0	89.2	89.4	89.9	89.9	90.0	90.5	90.8	91.0	91.1	91.1	91.2	91.2
≥ 300	74.9	85.2	88.1	88.9	90.6	90.8	91.3	91.4	91.5	92.3	92.8	93.0	93.2	93.2	93.3	93.7
≥ 200	74.9	85.4	88.3	89.2	91.0	91.2	91.9	92.0	92.2	93.0	94.0	94.3	95.4	95.4	95.7	96.1
≥ 100	74.9	85.4	88.4	89.4	91.2	91.4	92.2	92.3	92.4	93.2	94.3	94.6	96.3	97.0	97.4	98.6
≥ 0	74.9	85.4	88.4	89.4	91.2	91.4	92.2	92.3	92.4	93.2	94.4	94.7	96.5	97.4	98.2	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	45.7	47.0	47.4	47.4	47.5	47.5	47.6	47.6	47.6	48.0	48.2	48.2	48.2	48.2	48.3	48.6
≥ 20000	48.0	49.4	49.8	49.8	49.9	49.9	50.0	50.0	50.0	50.3	50.5	50.5	50.5	50.5	50.6	51.0
≥ 18000	48.0	49.4	49.8	49.8	49.9	49.9	50.0	50.0	50.0	50.3	50.5	50.5	50.5	50.5	50.6	51.0
≥ 16000	48.0	49.4	49.8	49.8	49.9	49.9	50.0	50.0	50.0	50.3	50.5	50.5	50.5	50.5	50.6	51.0
≥ 14000	48.3	49.7	50.1	50.1	50.2	50.2	50.3	50.3	50.3	50.6	50.9	50.9	50.9	50.9	51.0	51.3
≥ 12000	48.7	50.1	50.5	50.5	50.6	50.6	50.8	50.8	50.8	51.1	51.3	51.3	51.3	51.3	51.4	51.7
≥ 10000	50.5	51.9	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.9	53.1	53.1	53.1	53.1	53.2	53.5
≥ 9000	50.5	51.9	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.9	53.1	53.1	53.1	53.1	53.2	53.5
≥ 8000	51.4	52.8	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.8	54.0	54.0	54.0	54.0	54.1	54.4
≥ 7000	51.8	53.2	53.7	53.7	53.8	53.8	53.9	53.9	53.9	54.2	54.4	54.4	54.4	54.4	54.5	54.8
≥ 6000	53.0	54.5	54.9	55.1	55.2	55.2	55.3	55.3	55.3	55.6	55.8	55.8	55.8	55.8	55.9	56.2
≥ 5000	54.4	56.1	56.6	56.8	56.9	56.9	57.0	57.0	57.0	57.3	57.5	57.5	57.5	57.5	57.6	58.0
≥ 4500	55.6	57.5	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.8	59.0	59.0	59.0	59.0	59.1	59.5
≥ 4000	56.0	58.0	58.5	58.7	58.8	58.8	58.9	58.9	58.9	59.2	59.5	59.5	59.5	59.5	59.6	59.9
≥ 3500	57.0	59.1	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.4	60.6	60.6	60.6	60.6	60.8	61.1
≥ 3000	58.3	60.6	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.9	62.2	62.2	62.2	62.2	62.3	62.6
≥ 2500	59.6	61.9	62.5	62.7	62.8	62.8	62.9	62.9	62.9	63.2	63.4	63.4	63.4	63.4	63.5	63.9
2000	61.4	64.5	65.1	65.4	65.5	65.5	65.6	65.6	65.6	65.9	66.1	66.1	66.1	66.1	66.2	66.6
≥ 1800	61.8	65.2	65.7	66.0	66.1	66.1	66.2	66.2	66.2	66.6	66.8	66.8	66.8	66.8	66.9	67.2
≥ 1500	65.1	69.1	69.7	70.0	70.1	70.1	70.2	70.2	70.2	70.5	70.8	70.8	70.8	70.8	70.9	71.2
≥ 1200	66.7	71.9	72.5	72.9	73.0	73.0	73.1	73.1	73.1	73.4	73.7	73.7	73.7	73.7	73.8	74.1
≥ 1000	68.0	74.4	75.2	75.6	75.8	75.8	75.9	75.9	75.9	76.2	76.5	76.5	76.5	76.5	76.6	76.9
≥ 900	68.9	75.9	76.8	77.2	77.4	77.4	77.6	77.6	77.6	78.0	78.2	78.2	78.2	78.2	78.3	78.6
≥ 800	69.9	77.4	78.3	78.7	79.1	79.1	79.4	79.4	79.4	79.7	79.9	79.9	79.9	79.9	80.0	80.3
≥ 700	70.6	78.6	79.5	80.0	80.5	80.5	80.9	80.9	80.9	81.2	81.4	81.4	81.4	81.4	81.5	81.8
≥ 600	71.5	80.3	81.8	82.5	83.0	83.0	83.4	83.4	83.4	83.8	84.0	84.0	84.0	84.0	84.1	84.4
≥ 500	71.6	81.5	83.8	84.6	85.3	85.4	85.8	85.9	85.9	86.2	86.5	86.5	86.5	86.5	86.6	86.9
≥ 400	71.6	81.9	84.6	85.7	87.2	87.4	87.8	88.3	88.5	88.9	89.5	89.5	89.6	89.6	89.7	90.0
≥ 300	71.6	82.0	85.1	86.3	86.7	88.5	89.2	89.9	90.2	90.6	91.4	91.4	91.6	91.6	91.7	92.4
≥ 200	71.6	82.4	85.4	86.8	88.7	89.1	89.9	91.0	91.5	92.3	93.3	93.3	94.1	94.2	94.4	95.4
≥ 100	71.6	82.4	85.4	86.8	88.7	89.1	89.9	91.0	91.5	92.4	93.4	93.4	94.5	94.8	95.8	97.5
≥ 0	71.6	82.4	85.4	86.8	88.7	89.1	89.9	91.0	91.5	92.4	93.4	93.4	94.5	94.8	96.5	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	40.5	42.2	42.6	42.8	43.1	43.1	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.8
≥ 20000	42.7	44.6	45.3	45.5	45.8	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.5
≥ 18000	42.7	44.6	45.3	45.5	45.8	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.5
≥ 16000	42.7	44.6	45.3	45.5	45.8	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.5
≥ 14000	43.4	45.4	46.0	46.2	46.6	46.6	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.2
≥ 12000	44.2	46.1	46.8	47.0	47.3	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	48.0
≥ 10000	45.2	47.3	48.0	48.2	48.5	48.5	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.1
≥ 9000	45.2	47.3	48.0	48.2	48.5	48.5	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.1
≥ 8000	46.3	48.5	49.1	49.4	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3
≥ 7000	46.7	48.8	49.5	49.7	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.6
≥ 6000	48.8	51.0	51.6	51.8	52.3	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9
≥ 5000	51.0	53.5	54.4	54.6	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.7
≥ 4500	52.0	54.7	55.8	56.1	56.6	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.2
≥ 4000	52.9	55.6	56.7	57.0	57.4	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.2
≥ 3500	53.9	56.7	57.7	58.1	58.5	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.2
≥ 3000	54.1	57.0	58.1	58.4	58.8	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.6
≥ 2500	55.9	59.2	60.4	60.8	61.2	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.9
≥ 2000	59.5	64.1	65.3	65.7	66.2	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.6	66.8	67.1
≥ 1800	60.3	65.2	66.3	66.8	67.3	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	68.2
≥ 1500	62.0	67.8	69.0	69.6	70.1	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	71.0
≥ 1200	63.5	70.8	71.9	72.6	73.1	73.2	73.2	73.5	73.7	73.7	73.8	73.8	73.8	73.9	73.9	74.2
≥ 1000	64.6	72.6	74.1	74.8	75.6	75.7	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.8
≥ 900	64.7	73.4	75.3	76.0	76.8	76.9	77.0	77.3	77.5	77.5	77.6	77.6	77.6	77.7	77.7	78.1
≥ 800	65.3	74.7	76.9	77.6	78.8	78.9	79.1	79.6	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.3
≥ 700	65.5	75.4	77.8	78.9	80.1	80.2	80.4	80.9	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.7
≥ 600	65.8	76.6	79.5	80.8	82.0	82.3	82.8	83.2	83.4	83.4	83.5	83.5	83.5	83.7	83.7	84.1
≥ 500	65.8	76.9	80.2	81.5	83.3	83.8	84.3	84.8	85.2	85.3	85.4	85.4	85.5	85.6	85.6	86.1
≥ 400	65.9	77.3	81.1	82.7	84.6	85.1	86.0	86.6	86.9	87.0	87.1	87.1	87.3	87.4	87.6	88.3
≥ 300	65.9	77.3	81.2	83.0	85.2	86.0	87.5	88.7	89.5	90.2	90.4	90.4	90.8	91.0	91.4	92.3
≥ 200	65.9	77.4	81.4	83.3	85.5	86.3	88.0	89.2	90.1	91.3	91.8	91.9	93.0	93.3	94.1	95.4
≥ 100	65.9	77.4	81.4	83.4	85.6	86.5	88.2	89.6	90.4	91.7	92.6	92.8	94.1	94.4	95.5	97.8
≥ 0	65.9	77.4	81.4	83.4	85.6	86.5	88.2	89.6	90.4	91.7	92.6	92.8	94.3	94.6	95.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.9	41.6	41.7	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.2
≥ 20000	44.3	46.3	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9
≥ 18000	44.3	46.3	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9
≥ 16000	44.3	46.3	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9
≥ 14000	44.4	46.5	46.6	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0
≥ 12000	45.3	47.3	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8
≥ 10000	47.3	49.4	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
≥ 9000	47.4	49.5	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0
≥ 8000	48.6	50.6	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 7000	50.0	52.0	52.3	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 6000	51.1	53.2	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 5000	52.3	54.5	54.7	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3
≥ 4500	54.0	56.5	56.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 4000	55.2	57.8	58.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.7	58.8
≥ 3500	56.1	58.8	59.2	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 3000	57.1	60.1	60.5	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
≥ 2500	59.2	62.7	63.3	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0
≥ 2000	61.2	65.9	66.2	66.5	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1
≥ 1800	61.9	66.6	67.3	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2
≥ 1500	63.5	69.1	70.0	70.2	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1
≥ 1200	65.3	72.0	72.9	73.1	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0
≥ 1000	66.0	74.0	74.9	75.2	75.7	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.2
≥ 900	66.5	75.6	76.9	77.3	77.8	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.4
≥ 800	67.0	76.5	77.7	78.2	79.2	79.5	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.9	80.0
≥ 700	67.4	77.6	79.0	79.5	80.6	80.9	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.8
≥ 600	68.3	79.1	81.0	81.6	83.1	83.3	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.5
≥ 500	68.6	80.1	82.3	83.5	85.3	85.7	86.8	87.0	87.1	87.2	87.5	87.5	87.5	87.5	87.7	87.8
≥ 400	68.7	80.6	82.8	84.1	85.9	86.3	88.1	89.0	89.2	89.6	89.9	89.9	90.0	90.0	90.2	90.4
≥ 300	68.7	80.8	83.1	84.5	86.6	87.1	89.0	90.5	91.0	91.5	92.2	92.3	92.6	92.6	93.0	93.3
≥ 200	68.7	80.8	83.1	84.5	86.7	87.2	89.7	91.4	91.9	93.2	94.4	94.8	96.0	96.2	97.1	97.7
≥ 100	68.7	80.8	83.1	84.5	86.7	87.2	89.7	91.4	91.9	93.2	94.5	95.1	96.3	96.7	97.7	99.6
≥ 0	68.7	80.8	83.1	84.5	86.7	87.2	89.7	91.4	91.9	93.2	94.5	95.1	96.3	96.7	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.8	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	45.8	45.8
≥ 20000	49.7	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	49.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	49.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	50.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	52.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 10000	55.3	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
≥ 9000	55.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	56.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7000	58.4	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	59.2	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 5000	60.8	62.4	62.7	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
≥ 4500	61.3	63.0	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4000	62.0	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 3500	62.9	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 3000	65.6	67.6	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 2500	68.1	70.0	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.9	70.9
≥ 2000	69.4	72.0	72.3	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.8	72.8	72.8	72.8	73.0	73.0
≥ 1800	69.6	72.5	72.8	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.5	73.5
≥ 1500	71.6	75.4	75.8	75.8	75.9	76.0	76.1	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.7	76.7
≥ 1200	74.1	79.4	79.7	79.7	79.8	80.0	80.1	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.7	80.7
≥ 1000	74.7	80.8	81.3	81.3	81.4	81.5	81.6	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.2	82.2
≥ 900	74.9	81.7	82.2	82.3	82.4	82.5	82.7	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.3	83.3
≥ 800	75.3	82.3	83.1	83.2	83.3	83.4	83.6	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.3	84.3
≥ 700	75.8	83.1	83.8	84.2	84.6	84.7	85.0	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.7	85.7
≥ 600	76.3	83.8	84.7	85.3	86.2	86.3	86.9	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.5	87.5
≥ 500	76.6	84.9	86.1	87.3	88.5	88.6	89.3	89.7	89.7	89.7	89.9	89.9	89.9	89.9	90.0	90.0
≥ 400	76.6	85.8	87.4	88.8	90.2	90.6	91.9	93.0	93.4	93.5	94.0	94.0	94.0	94.0	94.1	94.1
≥ 300	76.6	86.2	87.9	89.4	91.4	91.8	93.6	95.0	95.9	96.1	96.9	96.9	97.1	97.1	97.2	97.2
≥ 200	76.6	86.2	88.0	89.5	91.5	91.9	93.8	95.4	96.3	96.8	98.2	98.4	99.2	99.2	99.5	99.8
≥ 100	76.6	86.2	88.0	89.5	91.5	91.9	93.8	95.4	96.3	96.8	98.2	98.4	99.4	99.4	99.7	100.0
≥ 0	76.6	86.2	88.0	89.5	91.5	91.9	93.8	95.4	96.3	96.8	98.2	98.4	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	54.9	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	55.3
≥ 18000	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500	67.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4000	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3500	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3000	71.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2500	74.4	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	75.9	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800	76.1	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1500	77.5	80.3	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1200	79.6	83.4	84.3	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1000	80.3	84.4	85.3	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 900	80.6	84.9	85.8	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5
≥ 800	80.6	85.1	85.9	86.0	86.2	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 700	81.1	85.9	86.8	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 600	81.5	86.9	87.8	88.0	88.4	88.6	88.7	88.7	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0
≥ 500	82.2	88.3	89.5	89.9	90.4	90.6	91.1	91.2	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5
≥ 400	82.2	88.6	90.1	91.1	91.6	92.0	92.8	93.5	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9
≥ 300	82.2	88.7	90.6	91.7	92.5	92.9	94.1	95.4	95.9	96.3	96.9	96.9	97.2	97.2	97.5	97.5
≥ 200	82.2	88.7	90.6	91.7	92.5	92.9	94.1	95.6	96.1	96.9	97.8	98.0	98.3	98.5	99.1	99.4
≥ 100	82.2	88.7	90.6	91.7	92.5	92.9	94.1	95.6	96.1	96.9	98.0	98.1	98.6	98.8	99.5	99.8
≥ 0	82.2	88.7	90.6	91.7	92.5	92.9	94.1	95.6	96.1	96.9	98.0	98.1	98.6	98.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

1800-2000 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.7	52.3	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
≥ 20000	56.7	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	56.7	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	56.7	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	57.5	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	58.9	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
≥ 10000	61.6	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000	61.6	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	62.6	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	64.3	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	64.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 5000	67.4	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4500	68.5	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4000	69.6	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	70.4	71.9	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
≥ 3000	71.7	73.3	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 2500	73.8	75.8	76.1	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	75.5	79.0	79.4	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
≥ 1800	75.6	79.4	79.8	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	76.0	80.2	80.6	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	77.2	82.7	83.2	83.3	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1000	78.1	84.4	84.9	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 900	78.6	85.1	85.6	85.9	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 800	78.6	85.3	86.2	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	78.8	85.7	86.8	87.1	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 600	78.9	85.8	87.0	87.7	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 500	79.0	86.5	87.6	88.4	89.2	89.6	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 400	79.1	86.9	88.4	89.5	90.8	91.4	92.4	92.8	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2
≥ 300	79.4	87.2	89.2	90.6	92.0	92.8	94.2	95.3	95.4	95.9	96.5	96.6	96.7	96.7	96.7	97.1
≥ 200	79.4	87.2	89.4	90.8	92.2	92.9	94.5	95.8	96.0	96.7	97.5	97.7	98.3	98.4	98.6	99.1
≥ 100	79.4	87.2	89.4	90.8	92.2	92.9	94.5	95.8	96.0	96.7	97.5	97.7	98.4	98.5	98.7	99.5
≥ 0	79.4	87.2	89.4	90.8	92.2	92.9	94.5	95.8	96.0	96.9	97.7	98.0	98.6	98.7	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.1	54.2	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	57.1	58.2	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	57.1	58.2	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	57.1	58.2	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	57.6	58.7	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	58.2	59.2	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	59.0	60.1	60.4	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 9000	59.0	60.1	60.4	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	59.4	60.5	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 7000	60.1	61.6	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000	60.9	62.4	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 5000	62.8	64.9	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500	64.2	66.6	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4000	65.1	67.6	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	65.7	68.4	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	66.7	69.6	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2500	68.7	71.7	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2000	71.1	74.9	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1800	71.3	75.5	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500	72.4	77.1	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1200	74.1	79.7	80.2	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1000	75.6	82.3	82.9	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 900	76.0	82.7	83.3	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
≥ 800	76.5	84.0	84.6	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 700	76.7	84.6	85.3	85.4	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 600	77.1	85.6	86.3	86.8	87.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 500	77.2	86.0	87.1	87.6	88.9	89.1	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7
≥ 400	77.3	86.1	87.3	88.4	90.3	90.8	91.5	91.8	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.3
≥ 300	77.3	86.2	87.5	89.1	91.1	91.5	92.7	93.2	93.3	94.1	94.3	94.3	94.5	94.6	94.6	94.9
≥ 200	77.5	86.5	87.7	89.6	91.7	92.2	93.9	94.5	94.6	95.8	96.9	96.9	97.3	97.4	97.6	98.3
≥ 100	77.5	86.5	87.7	89.6	91.7	92.2	93.9	94.5	94.6	95.8	97.0	97.0	97.5	97.6	98.1	99.2
0	77.5	86.5	87.7	89.6	91.7	92.2	93.9	94.5	94.6	95.9	97.1	97.1	97.7	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.1	48.1	48.4	48.5	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.9
≥ 20000	50.7	51.9	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	52.7
≥ 18000	50.8	51.9	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.7
≥ 16000	50.8	51.9	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.7
≥ 14000	51.3	52.4	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2
≥ 12000	52.2	53.3	53.7	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.2
≥ 10000	54.3	55.5	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3
≥ 9000	54.3	55.6	55.9	55.9	56.1	56.1	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4
≥ 8000	55.4	56.6	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5
≥ 7000	56.3	57.7	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.6
≥ 6000	57.4	58.9	59.2	59.3	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 5000	59.2	60.9	61.3	61.4	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 4500	60.3	62.2	62.6	62.7	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 4000	61.3	63.2	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3
≥ 3500	62.2	64.3	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.4
≥ 3000	63.5	65.7	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 2500	65.5	68.0	68.6	68.7	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3
≥ 2000	67.5	70.9	71.6	71.7	72.0	72.1	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.4
≥ 1800	67.9	71.6	72.2	72.4	72.7	72.7	72.8	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.1
≥ 1500	69.7	74.1	74.7	74.9	75.2	75.3	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.7
≥ 1200	71.5	77.1	77.9	78.1	78.4	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	79.0
≥ 1000	72.5	79.1	80.0	80.2	80.6	80.7	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.2
≥ 900	73.0	80.0	81.0	81.3	81.7	81.8	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.3
≥ 800	73.4	80.9	81.9	82.3	82.9	82.9	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5
≥ 700	73.7	81.7	82.8	83.2	83.9	84.0	84.3	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.7
≥ 600	74.2	82.8	84.1	84.6	85.6	85.7	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.6	86.7
≥ 500	74.5	83.6	85.4	86.3	87.5	87.7	88.2	88.4	88.5	88.6	88.7	88.8	88.8	88.8	88.9	89.0
≥ 400	74.5	84.0	86.1	87.3	88.7	89.1	90.1	90.6	90.8	91.0	91.3	91.3	91.4	91.4	91.5	91.7
≥ 300	74.6	84.2	86.6	88.0	89.7	90.2	91.5	92.4	92.8	93.4	93.9	94.0	94.2	94.2	94.4	94.8
≥ 200	74.6	84.3	86.7	88.2	90.0	90.5	92.0	93.1	93.6	94.5	95.5	95.7	96.5	96.6	97.0	97.6
≥ 100	74.6	84.3	86.8	88.2	90.0	90.5	92.0	93.2	93.7	94.6	95.7	95.9	96.9	97.1	97.8	99.0
0	74.6	84.3	86.8	88.2	90.0	90.5	92.0	93.2	93.7	94.6	95.7	95.9	97.0	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.3	59.0	59.6	60.0	60.0	60.2	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	61.3
≥ 20000	57.9	60.6	61.2	61.7	61.7	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	63.0
≥ 18000	57.9	60.6	61.2	61.7	61.7	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	63.0
≥ 16000	57.9	60.6	61.2	61.7	61.7	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	63.0
≥ 14000	58.3	61.0	61.6	62.1	62.1	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	63.4
≥ 12000	58.6	61.3	61.9	62.4	62.4	62.5	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.7
≥ 10000	59.6	62.3	62.9	63.4	63.4	63.5	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.7
≥ 9000	59.6	62.3	62.9	63.4	63.4	63.5	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.7
≥ 8000	61.5	64.5	65.1	65.6	65.6	65.7	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.9
≥ 7000	62.5	65.7	66.3	66.8	66.8	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	68.1
≥ 6000	63.1	66.3	66.9	67.4	67.4	67.5	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.7
≥ 5000	63.7	66.9	67.5	68.0	68.2	68.3	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.6
≥ 4500	63.9	67.1	67.7	68.2	68.4	68.6	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.9
≥ 4000	64.4	67.6	68.2	68.7	69.0	69.1	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	70.4
≥ 3500	64.8	68.4	69.0	69.5	69.9	70.0	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	71.3
≥ 3000	65.0	68.8	69.4	70.3	70.7	70.8	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	72.1
≥ 2500	66.0	69.9	70.9	71.5	71.9	72.0	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	73.3
≥ 2000	66.2	72.3	73.4	74.0	74.3	74.5	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.8
≥ 1800	68.9	73.2	74.2	74.9	75.3	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.7
≥ 1500	71.5	76.4	77.4	78.3	78.6	78.7	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	80.1
≥ 1200	74.1	79.7	80.9	81.7	82.0	82.2	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.6
≥ 1000	74.9	80.9	82.2	83.0	83.3	83.5	83.8	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.9
≥ 900	75.7	81.7	83.0	83.8	84.3	84.4	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.8
≥ 800	76.4	83.0	84.3	85.5	86.2	86.3	86.6	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.9
≥ 700	77.2	83.9	85.3	86.8	87.6	87.7	88.2	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	89.5
≥ 600	77.7	84.6	86.5	88.1	89.0	89.1	89.6	89.7	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.9
≥ 500	77.8	85.2	87.4	89.0	90.0	90.1	90.7	90.8	90.9	91.4	91.4	91.4	91.4	91.4	91.4	92.1
≥ 400	77.8	85.3	87.9	89.6	91.0	91.1	92.2	92.3	92.4	92.9	92.9	92.9	92.9	92.9	92.9	93.6
≥ 300	77.8	85.5	88.1	89.7	91.3	91.7	93.1	93.3	93.4	93.9	94.2	94.2	94.2	94.2	94.2	94.9
≥ 200	77.8	85.5	88.3	90.1	91.8	92.3	93.9	94.6	94.7	95.4	96.1	96.3	96.3	96.3	96.6	97.4
≥ 100	77.8	85.5	88.3	90.1	91.8	92.3	94.0	95.0	95.2	96.0	96.7	97.2	97.2	97.3	97.6	99.1
≥ 0	77.8	85.5	88.3	90.1	91.8	92.3	94.0	95.0	95.2	96.0	96.7	97.2	97.2	97.4	97.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.5	53.9	54.5	54.7	55.1	55.2	55.4	55.6	55.7	55.9	56.1	56.1	56.3	56.3	56.4	56.7
≥ 20000	53.8	55.2	55.8	56.0	56.4	56.5	56.7	56.9	57.0	57.2	57.4	57.4	57.6	57.6	57.7	58.0
≥ 18000	53.8	55.2	55.8	56.0	56.4	56.5	56.7	56.9	57.0	57.2	57.4	57.4	57.6	57.6	57.7	58.0
≥ 16000	53.8	55.2	55.8	56.0	56.4	56.5	56.7	56.9	57.0	57.2	57.4	57.4	57.6	57.6	57.7	58.0
≥ 14000	54.1	55.6	56.1	56.4	56.7	56.9	57.1	57.	57.3	57.6	57.8	57.8	57.9	57.9	58.0	58.4
≥ 12000	54.1	55.6	56.1	56.4	56.7	56.9	57.1	57.2	57.3	57.6	57.8	57.8	57.9	57.9	58.0	58.4
≥ 10000	56.0	57.4	58.0	58.3	58.6	58.7	59.0	59.1	59.2	59.5	59.7	59.7	59.8	59.8	59.9	60.3
≥ 9000	56.0	57.4	58.0	58.3	58.6	58.7	59.0	59.1	59.2	59.5	59.7	59.7	59.8	59.8	59.9	60.3
≥ 8000	57.0	58.6	59.2	59.5	59.9	59.9	60.2	60.3	60.4	60.6	60.9	60.9	61.0	61.0	61.1	61.5
≥ 7000	58.3	60.3	60.9	61.1	61.5	61.6	61.8	61.9	62.1	62.3	62.5	62.5	62.6	62.6	62.8	63.1
≥ 6000	59.1	60.8	61.3	61.6	61.9	62.1	62.3	62.4	62.5	62.8	63.0	63.0	63.1	63.1	63.2	63.6
≥ 5000	60.5	62.2	62.8	63.0	63.4	63.5	63.7	63.8	63.9	64.2	64.4	64.4	64.5	64.5	64.7	65.0
≥ 4500	60.8	62.4	63.0	63.2	63.6	63.7	63.9	64.1	64.2	64.4	64.7	64.7	64.8	64.8	64.9	65.2
≥ 4000	61.9	63.7	64.5	64.9	65.2	65.4	65.6	65.7	65.8	66.1	66.3	66.3	66.4	66.4	66.5	66.9
≥ 3500	61.9	63.8	65.1	65.5	65.8	66.0	66.2	66.3	66.4	66.7	66.9	66.9	67.0	67.0	67.1	67.5
≥ 3000	62.3	64.3	66.1	66.4	66.8	66.9	67.1	67.3	67.4	67.6	67.8	67.8	68.0	68.0	68.1	68.4
≥ 2500	63.5	65.8	67.6	68.0	68.3	68.4	68.7	68.8	68.9	69.1	69.4	69.4	69.5	69.5	69.6	70.0
≥ 2000	64.8	67.5	69.3	69.6	70.0	70.1	70.3	70.4	70.6	70.8	71.0	71.0	71.2	71.2	71.3	71.6
≥ 1800	66.0	68.8	70.7	71.0	71.4	71.5	71.7	71.9	72.0	72.2	72.5	72.5	72.6	72.6	72.7	73.0
≥ 1500	70.0	73.6	75.5	76.0	76.4	76.5	76.7	76.8	77.0	77.2	77.4	77.4	77.5	77.5	77.7	78.0
≥ 1200	71.3	76.2	78.6	79.2	79.6	79.7	79.9	80.0	80.1	80.4	80.6	80.6	80.7	80.7	80.9	81.2
≥ 1000	72.5	77.4	79.9	80.5	80.9	81.0	81.2	81.3	81.4	81.7	81.9	81.9	82.0	82.0	82.2	82.5
≥ 900	73.6	78.7	81.3	82.0	82.4	82.5	82.7	82.9	83.0	83.2	83.5	83.5	83.6	83.6	83.7	84.0
≥ 800	74.5	79.8	82.4	83.3	83.7	83.9	84.2	84.3	84.4	84.6	84.9	84.9	85.0	85.0	85.1	85.5
≥ 700	75.1	80.5	83.3	84.5	84.9	85.1	85.3	85.5	85.6	85.8	86.1	86.1	86.2	86.2	86.3	86.6
≥ 600	75.3	81.6	84.4	85.8	86.3	86.5	86.9	87.0	87.1	87.4	87.6	87.6	87.7	87.7	87.8	88.2
≥ 500	75.4	82.2	85.0	86.6	87.2	87.5	87.8	87.9	88.2	88.4	88.7	88.7	88.9	88.9	89.0	89.4
≥ 400	75.5	82.4	85.8	87.9	88.8	89.2	89.7	89.8	90.1	90.3	90.7	90.7	90.9	90.9	91.0	91.4
≥ 300	75.5	82.5	85.9	88.1	88.9	89.4	90.7	91.0	91.4	92.0	92.6	92.6	93.0	93.0	93.4	93.7
≥ 200	75.5	82.5	86.1	88.2	89.0	89.5	91.0	91.7	92.1	93.0	93.7	93.7	95.0	95.0	95.4	96.2
≥ 100	75.5	82.5	86.1	88.2	89.0	89.5	91.1	92.0	92.3	93.4	94.3	94.4	95.9	96.1	96.7	98.8
≥ 0	75.5	82.5	86.1	88.2	89.0	89.5	91.1	92.0	92.3	93.4	94.3	94.4	96.0	96.5	97.0	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.1	45.5	45.9	46.0	46.6	46.7	46.8	47.2	47.4	47.5	47.5	47.5	47.8	47.8	47.8	48.2
≥ 20000	46.9	49.4	49.9	50.0	50.7	50.8	50.9	51.3	51.5	51.7	51.8	51.8	52.0	52.0	52.0	52.5
≥ 18000	46.9	49.4	49.9	50.0	50.7	50.8	50.9	51.3	51.5	51.7	51.8	51.8	52.0	52.0	52.0	52.5
≥ 16000	46.9	49.5	50.0	50.1	50.8	50.9	51.1	51.4	51.7	51.8	51.9	51.9	52.1	52.1	52.1	52.6
≥ 14000	46.9	49.5	50.0	50.1	50.8	50.9	51.1	51.4	51.7	51.8	51.9	51.9	52.1	52.1	52.1	52.6
≥ 12000	47.0	49.8	50.2	50.4	51.1	51.2	51.3	51.7	51.9	52.0	52.1	52.1	52.4	52.4	52.4	52.8
≥ 10000	49.3	52.0	52.5	52.6	53.3	53.4	53.5	53.9	54.1	54.3	54.4	54.4	54.6	54.6	54.6	55.1
≥ 9000	49.5	52.2	52.7	52.8	53.5	53.7	53.8	54.1	54.4	54.5	54.6	54.6	54.8	54.8	54.8	55.3
≥ 8000	50.8	53.7	54.1	54.3	55.0	55.1	55.2	55.6	55.8	55.9	56.0	56.0	56.3	56.3	56.3	56.7
≥ 7000	51.9	55.1	55.6	55.7	56.4	56.5	56.6	57.0	57.2	57.3	57.4	57.4	57.7	57.7	57.7	58.2
≥ 6000	52.2	55.6	56.0	56.1	56.9	57.0	57.1	57.4	57.7	57.8	57.9	57.9	58.2	58.2	58.2	58.6
≥ 5000	53.7	57.0	57.6	57.9	58.6	58.7	58.9	59.2	59.7	59.8	59.9	59.9	60.2	60.2	60.2	60.6
≥ 4500	54.1	57.4	58.0	58.4	59.1	59.2	59.3	59.7	60.2	60.3	60.4	60.4	60.6	60.6	60.6	61.1
≥ 4000	55.1	58.5	59.1	59.5	60.2	60.3	60.4	60.8	61.2	61.3	61.5	61.5	61.7	61.7	61.7	62.2
≥ 3500	55.3	58.7	59.5	59.8	60.6	60.8	60.9	61.2	61.7	61.8	61.9	61.9	62.2	62.2	62.2	62.6
≥ 3000	55.3	58.9	59.7	60.2	61.0	61.1	61.2	61.6	62.1	62.2	62.3	62.3	62.5	62.5	62.5	63.0
≥ 2500	56.7	60.6	61.5	61.9	62.9	63.0	63.1	63.5	63.9	64.1	64.2	64.2	64.4	64.4	64.4	64.9
≥ 2000	59.3	64.3	65.2	65.7	66.7	66.8	66.9	67.3	67.7	67.8	68.0	68.0	68.2	68.2	68.2	68.7
≥ 1800	59.9	65.0	66.0	66.4	67.4	67.5	67.6	68.0	68.4	68.6	68.7	68.7	68.9	68.9	68.9	69.4
≥ 1500	62.4	68.6	69.9	70.6	71.5	71.9	72.0	72.3	72.8	72.9	73.0	73.0	73.3	73.3	73.3	73.8
≥ 1200	63.9	71.5	72.9	73.6	74.6	74.9	75.2	75.5	76.0	76.1	76.2	76.2	76.5	76.5	76.5	77.0
≥ 1000	65.1	73.6	75.1	75.8	76.8	77.2	77.4	77.8	78.3	78.4	78.5	78.5	78.7	78.7	78.7	79.2
≥ 900	66.4	74.9	76.5	77.2	78.4	78.7	79.0	79.3	79.8	79.9	80.0	80.0	80.4	80.4	80.4	80.9
≥ 800	66.7	75.9	77.4	78.3	79.8	80.1	80.4	80.7	81.2	81.3	81.4	81.4	81.8	81.8	81.8	82.3
≥ 700	66.8	76.4	78.1	79.0	80.7	81.1	81.3	81.7	82.2	82.3	82.5	82.5	82.9	82.9	82.9	83.3
≥ 600	66.8	77.1	79.2	80.1	82.3	82.6	83.0	83.5	83.9	84.2	84.5	84.5	84.9	84.9	84.9	85.3
≥ 500	66.8	77.4	80.0	81.1	83.5	83.8	84.4	85.1	85.6	85.8	86.2	86.2	86.5	86.5	86.5	87.0
≥ 400	67.0	77.9	80.7	82.0	84.6	85.3	86.6	87.6	88.3	88.7	89.1	89.1	89.6	89.6	89.6	90.1
≥ 300	67.0	77.9	81.1	82.6	85.2	86.2	87.7	88.8	89.6	90.3	90.9	90.9	91.8	92.0	92.2	92.7
≥ 200	67.0	77.9	81.1	82.6	85.7	86.8	88.3	89.6	90.8	92.1	93.5	93.6	95.2	95.4	95.6	96.2
≥ 100	67.0	77.9	81.1	82.6	85.7	86.8	88.3	89.6	90.8	92.2	93.9	94.0	96.1	96.6	97.6	98.9
≥ 0	67.0	77.9	81.1	82.6	85.7	86.8	88.3	89.6	90.8	92.2	93.9	94.0	96.1	96.7	98.0	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	42.6	44.7	44.8	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	48.8	51.5	51.7	51.9	52.5	52.5	52.6	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000	48.8	51.5	51.7	51.9	52.5	52.5	52.6	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8
≥ 16000	48.8	51.5	51.7	51.9	52.5	52.5	52.6	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8
≥ 14000	48.8	51.5	51.7	51.9	52.5	52.5	52.6	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8
≥ 12000	49.5	52.2	52.4	52.6	53.2	53.2	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5
≥ 10000	51.8	54.6	54.7	55.0	55.6	55.6	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9
≥ 9000	51.8	54.6	54.7	55.0	55.6	55.6	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9
≥ 8000	53.0	55.9	56.0	56.3	56.9	56.9	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2
≥ 7000	53.7	57.2	57.3	57.6	58.2	58.2	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5
≥ 6000	54.3	58.0	59.2	58.4	59.0	59.0	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3
≥ 5000	54.6	58.5	58.6	58.9	59.5	59.5	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8
≥ 4500	55.2	59.3	59.5	59.7	60.3	60.3	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6
≥ 4000	56.3	60.6	60.9	61.1	61.7	61.7	61.8	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1
≥ 3500	56.7	61.5	61.7	62.2	62.8	62.8	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1
≥ 3000	57.1	62.2	62.4	63.0	63.6	63.6	63.7	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9
≥ 2500	59.5	64.9	65.1	65.7	66.3	66.3	66.4	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2000	63.2	69.4	70.0	70.6	71.2	71.2	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1800	63.9	70.6	71.2	71.9	72.5	72.5	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8
≥ 1500	65.0	72.7	73.5	74.6	75.3	75.3	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1200	66.2	75.8	76.6	77.7	78.4	78.4	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	66.5	77.1	78.0	79.2	80.4	80.4	80.6	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9
≥ 900	67.5	78.6	79.6	80.7	82.4	82.4	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0
≥ 800	67.7	79.4	80.4	81.8	83.9	83.9	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5
≥ 700	68.1	80.5	81.4	83.0	85.3	85.6	86.2	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9
≥ 600	68.3	81.3	82.3	84.0	86.9	87.2	88.1	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	68.7	82.2	83.2	85.3	88.3	89.0	90.3	90.9	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5
≥ 400	68.7	82.2	83.5	85.8	89.1	89.8	91.8	92.8	92.9	93.4	93.6	93.6	93.6	93.7	93.7	93.7
≥ 300	68.7	82.2	83.7	86.2	89.7	90.9	93.3	94.6	94.8	95.6	96.3	96.3	96.5	96.6	96.6	96.6
≥ 200	68.7	82.2	83.7	86.2	89.8	91.1	93.6	95.0	95.5	96.7	97.5	97.5	98.3	98.6	98.8	98.8
≥ 100	68.7	82.2	83.7	86.2	89.8	91.1	93.6	95.0	95.5	96.7	97.5	97.5	98.3	98.6	99.3	99.9
≥ 0	68.7	82.2	83.7	86.2	89.8	91.1	93.6	95.0	95.5	96.7	97.5	97.5	98.3	98.6	99.4	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

03902 (STATION) | FORT GRAY AAF TX (FORT HOOD) (STATION NAME) | 69-70,73-80 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.3	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	58.3	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 17000	58.3	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	58.3	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	59.1	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	60.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000	63.3	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	63.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	64.9	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	65.2	68.0	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	66.1	68.3	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	66.2	68.6	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	67.1	69.5	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4000	68.0	70.8	71.3	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
≥ 3500	68.6	71.5	72.0	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	70.8	73.9	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500	72.9	76.4	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	75.9	79.6	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1800	76.9	80.5	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1500	77.5	82.9	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	79.3	85.8	86.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	80.0	86.9	88.2	88.4	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 900	80.0	87.1	88.4	88.8	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	80.3	88.1	89.4	89.7	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 700	80.5	88.7	90.1	90.7	90.9	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	80.7	89.5	90.9	91.5	92.0	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 500	80.9	90.1	91.6	92.4	93.7	94.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400	81.1	90.3	92.1	92.9	94.6	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	81.1	90.3	92.1	93.3	95.0	95.3	96.7	97.8	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	81.1	90.3	92.1	93.3	95.0	95.3	96.8	98.0	98.1	98.5	99.3	99.3	99.3	99.3	99.6	99.9
≥ 100	81.1	90.3	92.1	93.3	95.0	95.3	96.8	98.0	98.1	98.5	99.4	99.4	99.4	99.4	99.8	100.0
≥ 0	81.1	90.3	92.1	93.3	95.0	95.3	96.8	98.0	98.1	98.5	99.4	99.4	99.4	99.4	99.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	55.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	63.0	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	63.2	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	63.2	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	63.5	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	63.7	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
≥ 10000	67.6	69.5	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	68.0	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
≥ 8000	70.0	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
≥ 7000	70.3	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	73.9	72.9	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	71.4	73.5	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	72.6	74.8	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	73.8	76.0	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	75.2	77.7	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	76.7	79.3	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	78.8	81.6	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	80.4	83.5	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	80.9	84.2	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	82.4	85.9	86.8	87.2	87.5	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	83.0	87.0	88.3	88.8	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	83.7	87.7	89.2	90.0	90.2	90.4	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	84.4	88.3	90.1	91.0	91.4	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	84.5	88.9	90.2	91.1	91.5	91.7	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	84.8	89.2	90.7	91.6	92.1	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	84.8	89.7	91.3	92.4	92.9	93.1	93.5	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	84.9	90.1	91.8	93.4	93.9	94.2	94.7	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400	85.0	90.2	92.1	93.7	94.4	94.8	95.5	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	85.0	90.3	92.2	94.0	95.0	95.5	96.5	97.3	97.9	98.3	98.6	98.6	98.6	98.6	98.6
≥ 200	85.0	90.3	92.2	94.0	95.0	95.5	96.5	97.5	98.1	98.8	99.3	99.3	99.4	99.5	99.6
≥ 100	85.0	90.3	92.2	94.0	95.0	95.5	96.5	97.5	98.1	98.8	99.3	99.3	99.4	99.6	99.6	99.9
≥ 0	85.0	90.3	92.2	94.0	95.0	95.5	96.5	97.5	98.1	98.8	99.3	99.3	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 946

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.9	63.4	63.6	63.6	63.7	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	66.0	67.5	67.7	67.7	67.8	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	66.0	67.5	67.7	67.7	67.8	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 16000	66.0	67.5	67.7	67.7	67.8	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	66.2	67.7	68.0	68.0	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	66.5	68.1	68.4	68.4	68.6	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	68.9	70.6	70.9	70.9	71.0	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000	69.5	71.2	71.5	71.5	71.6	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	71.7	73.4	73.8	73.8	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	71.9	73.5	73.9	73.9	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	72.5	74.3	74.7	74.7	74.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 5000	72.9	74.8	75.2	75.3	75.5	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	73.8	76.0	76.4	76.5	76.7	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	74.7	77.0	77.3	77.4	77.7	77.7	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	75.9	78.6	79.0	79.1	79.3	79.3	79.6	79.8	79.9	79.6	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	77.3	80.6	81.0	81.1	81.3	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	79.1	82.7	83.1	83.2	83.5	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	80.6	84.5	84.9	85.0	85.2	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1800	80.7	84.6	85.1	85.2	85.5	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	81.7	85.6	86.2	86.4	86.6	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	82.0	86.4	87.2	87.7	88.1	88.1	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	82.6	87.2	88.3	89.0	89.4	89.4	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	83.1	87.8	88.9	89.6	90.0	90.0	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	83.2	88.1	89.2	90.0	90.3	90.3	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	83.2	88.1	89.2	90.0	90.3	90.3	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	83.2	88.1	89.4	90.2	91.0	91.1	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	83.5	88.5	90.2	91.4	92.4	92.6	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 400	83.5	88.8	90.4	91.7	93.3	93.4	94.4	95.0	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	83.5	88.8	90.8	92.2	94.1	94.2	95.6	96.6	97.3	97.8	97.9	97.9	98.1	98.1	98.1	98.1
≥ 200	83.5	88.8	90.8	92.2	94.2	94.3	96.0	97.3	98.3	98.9	99.2	99.2	99.5	99.5	99.9	99.9
≥ 100	83.5	88.8	90.8	92.2	94.2	94.3	96.0	97.3	98.3	98.9	99.2	99.2	99.5	99.5	99.9	99.9
≥ 0	83.5	88.8	90.8	92.2	94.2	94.3	96.0	97.3	98.3	98.9	99.2	99.2	99.5	99.5	99.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.1	64.3	64.5	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2
≥ 20000	64.8	67.0	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.0
≥ 18000	64.8	67.0	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.0
≥ 16000	64.8	67.0	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.0
≥ 14000	65.1	67.4	67.6	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3
≥ 12000	65.6	67.8	68.1	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8
≥ 10000	67.0	69.5	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4
≥ 9000	67.3	69.7	70.0	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.7
≥ 8000	70.2	72.6	73.0	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.8
≥ 7000	70.4	73.0	73.3	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0
≥ 6000	71.3	73.9	74.1	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
≥ 5000	72.5	75.1	75.3	75.5	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2
≥ 4500	72.9	75.5	75.8	76.0	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7
≥ 4000	73.4	76.1	76.4	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3
≥ 3500	74.1	77.3	77.5	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5
≥ 3000	74.8	78.4	78.7	79.0	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8
≥ 2500	75.9	79.2	79.6	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6
≥ 2000	77.7	81.8	82.2	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.5
≥ 1800	78.0	82.2	82.5	82.9	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9
≥ 1500	79.4	83.7	84.0	84.5	85.2	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1200	80.7	86.1	86.4	87.2	87.9	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3
≥ 1000	81.3	87.5	87.9	88.9	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	90.0
≥ 900	81.4	87.7	88.3	89.4	90.1	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.5
≥ 800	81.7	88.1	88.8	90.0	90.8	90.9	90.9	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.3
≥ 700	81.7	88.4	89.1	90.4	91.4	91.5	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8
≥ 600	81.7	88.7	89.4	90.8	91.8	92.0	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3
≥ 500	82.4	89.8	91.0	92.4	93.5	93.7	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3
≥ 400	82.4	90.1	91.4	92.9	94.1	94.3	94.6	94.7	94.7	94.8	95.0	95.0	95.0	95.0	95.2	95.3
≥ 300	82.4	90.5	92.1	93.6	95.2	95.4	96.1	96.6	96.6	96.9	97.4	97.4	97.4	97.4	97.5	97.6
≥ 200	82.4	90.5	92.1	93.6	95.2	95.6	96.6	97.4	97.5	98.0	98.7	98.7	98.8	98.8	98.9	99.1
≥ 100	82.4	90.5	92.1	93.6	95.2	95.6	96.6	97.6	97.8	98.2	98.9	98.9	99.1	99.1	99.3	99.8
0	82.4	90.5	92.1	93.6	95.2	95.6	96.6	97.6	97.8	98.2	98.9	98.9	99.1	99.1	99.4	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.1	55.0	55.4	55.5	55.7	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.4
≥ 20000	57.4	59.5	59.9	60.1	60.3	60.4	60.5	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	61.0
≥ 18000	57.5	59.5	59.9	60.1	60.3	60.4	60.5	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	61.1
≥ 16000	57.5	59.6	59.9	60.1	60.3	60.4	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.9	61.1
≥ 14000	57.8	59.9	60.2	60.4	60.6	60.7	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.4
≥ 12000	58.2	60.3	60.7	60.9	61.1	61.2	61.3	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.8
≥ 10000	60.5	62.7	63.0	63.2	63.5	63.5	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.2
≥ 9000	60.6	62.9	63.2	63.4	63.7	63.7	63.8	63.9	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.4
≥ 8000	62.4	64.7	65.1	65.3	65.5	65.6	65.7	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.2
≥ 7000	63.2	65.6	66.0	66.2	66.5	66.5	66.7	66.7	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.2
≥ 6000	63.7	66.3	66.7	66.9	67.1	67.2	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.8
≥ 5000	64.4	67.1	67.5	67.7	68.1	68.1	68.2	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.9
≥ 4500	65.1	67.8	68.2	68.4	68.8	68.8	69.0	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.4	69.6
≥ 4000	65.9	68.8	69.3	69.5	69.9	69.9	70.1	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.5	70.7
≥ 3500	66.6	69.7	70.2	70.5	70.9	71.0	71.1	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.7
≥ 3000	67.4	70.8	71.5	71.8	72.2	72.2	72.4	72.5	72.5	72.6	72.7	72.7	72.8	72.6	72.8	73.0
≥ 2500	69.0	72.6	73.3	73.7	74.1	74.1	74.2	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.9
≥ 2000	71.3	75.4	76.1	76.5	76.9	77.0	77.1	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.7
≥ 1800	71.9	76.1	76.9	77.3	77.8	77.8	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.6
≥ 1500	73.7	78.7	79.6	80.2	80.6	80.7	80.9	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.5
1200	75.1	81.1	82.2	82.8	83.3	83.4	83.6	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.2
1000	75.8	82.3	83.6	84.3	84.9	85.0	85.2	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.7	85.9
≥ 900	76.5	83.2	84.5	85.3	86.0	86.1	86.3	86.5	86.5	86.6	86.7	86.7	86.8	86.8	86.8	87.0
≥ 800	76.9	83.9	85.3	86.2	87.0	87.2	87.4	87.5	87.6	87.7	87.8	87.8	87.9	87.9	87.9	88.1
≥ 700	77.2	84.5	85.9	87.0	87.9	88.1	88.4	88.6	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.2
≥ 600	77.3	85.1	86.7	87.9	89.0	89.2	89.6	89.9	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.6
≥ 500	77.5	85.7	87.5	89.0	90.3	90.6	91.3	91.6	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.4
≥ 400	77.6	85.9	88.0	89.6	91.2	91.6	92.6	93.1	93.4	93.6	93.8	93.8	93.9	93.9	93.9	94.1
≥ 300	77.6	86.0	88.2	90.0	91.8	92.3	93.7	94.5	94.8	95.3	95.8	95.8	96.0	96.0	96.1	96.3
≥ 200	77.6	86.0	88.3	90.0	92.0	92.6	94.1	95.1	95.6	96.4	97.2	97.2	97.7	97.8	98.0	98.4
≥ 100	77.6	86.0	88.3	90.0	92.0	92.6	94.1	95.3	95.8	96.6	97.4	97.5	98.1	98.3	98.7	99.5
0	77.6	86.0	88.3	90.0	92.0	92.6	94.1	95.3	95.8	96.6	97.4	97.5	98.1	98.4	98.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.2	56.0	56.2	56.2	56.2	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 20000	57.2	59.4	59.6	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
≥ 18000	57.2	59.4	59.6	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
≥ 16000	57.2	59.4	59.6	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
≥ 14000	58.3	60.4	60.6	60.8	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
≥ 12000	59.1	61.3	61.5	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
≥ 10000	61.3	63.5	63.9	64.0	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 9000	61.3	63.5	63.9	64.0	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 8000	61.6	63.9	64.2	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥ 7000	62.3	64.6	64.9	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
≥ 6000	63.1	65.5	65.8	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
≥ 5000	63.5	65.9	66.2	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
≥ 4500	64.3	66.9	67.2	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
≥ 4000	64.5	67.2	67.5	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 3500	64.7	67.5	67.8	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥ 3000	65.1	67.8	68.2	68.3	68.3	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
≥ 2500	66.6	69.5	69.8	70.1	70.2	70.2	70.5	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8
≥ 2000	70.3	73.8	74.1	74.4	74.5	74.5	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1
≥ 1800	71.2	75.1	75.4	75.7	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 1500	75.4	80.0	80.3	80.8	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 1200	77.4	83.0	83.3	83.8	84.1	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
≥ 1000	78.6	85.3	85.7	86.1	86.5	86.5	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 900	78.8	85.7	86.3	86.8	87.2	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 800	79.1	87.1	87.8	88.3	88.7	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 700	79.4	87.6	88.6	89.0	89.6	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 600	79.7	88.7	89.8	90.3	91.2	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 500	80.4	89.8	91.1	91.7	92.7	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 400	80.5	90.3	91.8	92.7	93.8	93.9	94.4	94.5	94.5	94.6	94.7	94.7	94.9	94.9	94.9	94.9
≥ 300	80.5	90.3	91.8	92.7	94.2	94.4	95.5	95.8	95.8	96.0	96.5	96.5	96.7	96.7	96.7	96.7
≥ 200	80.5	90.3	91.8	92.7	94.4	94.6	95.7	96.2	96.5	96.9	97.3	97.3	97.6	97.6	97.8	97.8
≥ 100	80.5	90.3	91.8	92.7	94.4	94.6	95.8	96.5	96.7	97.2	97.6	97.7	98.2	98.4	99.0	99.1
≥ 0	80.5	90.3	91.8	92.7	94.4	94.6	95.8	96.5	96.7	97.2	97.6	97.7	98.2	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 430

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.1	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	51.0	51.0	51.0	51.1	51.1	51.3
≥ 20000	52.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.5
≥ 18000	52.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.5
≥ 16000	52.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.5
≥ 14000	52.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.4	55.4	55.4	55.5	55.5	55.7
≥ 12000	53.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.6
≥ 10000	55.3	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.8
≥ 9000	55.7	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.2
≥ 8000	55.8	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	59.0	59.0	59.0	59.1	59.1	59.4
≥ 7000	56.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.4
≥ 6000	57.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.2
≥ 5000	57.5	61.0	61.3	61.3	61.6	61.7	61.7	61.7	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.3
≥ 4500	57.8	61.4	61.7	61.7	62.0	62.2	62.2	62.2	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.7
≥ 4000	58.0	61.5	61.8	61.8	62.2	62.4	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.7	62.7	62.9
≥ 3500	58.2	61.7	62.0	62.0	62.4	62.6	62.6	62.6	62.6	62.7	62.8	62.8	62.8	62.9	62.9	63.1
≥ 3000	59.1	62.8	63.1	63.1	63.4	63.7	63.7	63.7	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.2
≥ 2500	61.0	64.9	65.3	65.3	65.6	65.8	65.8	65.8	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.3
≥ 2000	64.4	69.0	69.4	69.4	69.7	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.4
≥ 1800	65.8	70.8	71.1	71.1	71.4	71.6	71.6	71.6	71.6	71.7	71.8	71.8	71.8	71.9	71.9	72.2
≥ 1500	68.1	73.8	74.3	74.3	74.6	74.8	74.8	74.9	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.7
≥ 1200	71.3	78.5	79.0	79.0	79.4	79.6	79.6	79.7	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.4
≥ 1000	73.3	81.4	82.0	82.0	82.5	82.7	82.7	82.8	83.0	83.1	83.3	83.3	83.3	83.4	83.4	83.7
≥ 900	73.9	82.5	83.4	83.5	84.0	84.2	84.2	84.3	84.5	84.6	84.8	84.8	84.8	84.9	84.9	85.2
≥ 800	74.4	83.3	84.4	84.5	84.9	85.2	85.2	85.3	85.5	85.6	85.8	85.8	85.8	85.9	85.9	86.1
≥ 700	74.6	84.1	85.2	85.5	86.0	86.2	86.2	86.3	86.6	86.7	86.9	86.9	86.9	87.0	87.0	87.2
≥ 600	74.8	85.4	86.8	87.1	87.7	88.0	88.0	88.1	88.3	88.4	88.6	88.6	88.6	88.7	88.7	88.9
≥ 500	75.4	86.5	88.6	89.4	90.4	90.8	90.8	90.9	91.1	91.2	91.4	91.4	91.4	91.5	91.5	91.7
≥ 400	75.5	87.1	89.4	90.2	91.4	92.0	92.3	92.6	92.8	92.9	93.2	93.2	93.2	93.3	93.3	93.5
≥ 300	75.5	87.4	89.8	90.8	92.2	92.9	93.4	94.0	94.2	94.4	94.9	94.9	94.9	95.1	95.1	95.3
≥ 200	75.6	87.6	90.0	91.0	92.4	93.1	93.7	94.2	94.5	95.3	95.9	95.9	96.1	96.3	96.3	96.6
≥ 100	75.7	87.7	90.1	91.1	92.5	93.2	93.9	94.5	94.9	95.8	96.5	96.5	97.1	97.7	98.1	98.8
≥ 0	75.7	87.7	90.1	91.1	92.5	93.2	93.9	94.5	94.9	95.8	96.5	96.5	97.1	97.8	98.4	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.0	43.2	44.1	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.8
≥ 20000	45.3	47.8	48.7	49.0	49.0	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6
≥ 18000	45.4	48.0	48.8	49.1	49.1	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
≥ 16000	45.4	48.3	48.8	49.1	49.1	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
≥ 14000	45.7	48.4	49.2	49.6	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1
≥ 12000	46.5	49.1	50.0	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.9
≥ 10000	48.7	51.8	52.6	53.1	53.2	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
≥ 9000	48.7	51.8	52.8	53.1	53.2	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
≥ 8000	49.5	52.7	53.8	54.1	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9
≥ 7000	51.5	54.8	56.1	56.5	56.7	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3
≥ 6000	51.9	55.3	56.6	56.9	57.1	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7
≥ 5000	52.8	56.2	57.6	58.1	58.3	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.4
≥ 4500	53.0	56.5	57.8	58.3	58.5	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
≥ 4000	54.0	57.4	58.8	59.2	59.5	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5
≥ 3500	54.8	58.4	59.8	60.2	60.4	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
≥ 3000	56.3	60.3	61.7	62.3	62.5	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.5
≥ 2500	58.5	62.9	64.4	64.9	65.2	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2
≥ 2000	62.0	67.3	68.8	69.5	69.9	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0
≥ 1800	62.7	68.1	69.6	70.2	70.6	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7
≥ 1500	64.9	71.5	73.1	73.9	74.4	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6
≥ 1200	66.9	74.2	76.0	77.0	77.5	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.7
≥ 1000	68.3	76.9	79.0	80.2	80.9	81.6	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.4
≥ 900	68.3	77.0	79.1	80.3	81.2	81.9	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.7
≥ 800	68.8	78.4	80.5	81.9	82.9	83.8	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.5
≥ 700	69.5	79.1	81.4	82.8	84.0	84.8	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.7
≥ 600	69.9	80.4	82.9	84.5	85.7	86.7	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.5
≥ 500	69.9	80.6	83.4	85.2	86.6	87.7	88.5	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	89.1
≥ 400	69.9	80.9	83.9	85.7	87.3	88.5	89.4	90.0	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.3
≥ 300	70.0	81.2	84.6	86.5	88.2	89.7	90.8	91.6	92.4	92.7	92.9	93.0	93.1	93.1	93.2	93.5
≥ 200	70.0	81.2	84.6	86.5	88.2	89.7	90.9	91.8	92.9	93.5	94.4	94.5	94.7	94.7	95.2	95.5
≥ 100	70.0	81.2	84.6	86.5	88.2	89.7	90.9	91.8	92.9	93.7	95.1	95.3	95.8	96.5	97.6	98.7
≥ 0	70.0	81.2	84.6	86.5	88.2	89.7	90.9	91.8	92.9	93.7	95.1	95.3	95.9	96.6	98.2	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	43.0	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	48.7	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	48.7	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 16000	48.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	49.8	51.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 12000	52.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	54.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	54.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000	55.9	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 7000	56.8	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 6000	57.6	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 5000	58.6	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4500	58.9	61.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	60.0	62.7	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3500	60.6	63.3	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 3000	62.8	65.7	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 2500	65.6	68.9	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.3	69.8
≥ 2000	68.8	72.5	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1800	69.4	73.1	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1500	71.5	75.7	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1200	73.3	78.5	79.5	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1000	74.5	81.6	82.9	83.4	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 900	74.6	82.7	84.1	84.6	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 800	74.7	83.0	84.7	85.6	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 700	74.8	83.3	85.2	86.5	87.4	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 600	75.1	84.1	85.9	87.3	88.5	88.7	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 500	75.1	84.6	87.0	88.5	90.0	90.5	91.5	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	75.1	85.1	87.4	89.0	90.9	91.6	93.1	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	75.2	85.3	87.6	89.2	91.1	92.0	93.7	94.7	95.2	96.1	96.3	96.3	96.5	96.5	96.5	96.5
≥ 200	75.2	85.3	87.6	89.2	91.1	92.0	93.7	94.7	95.5	96.6	96.9	96.9	97.6	97.8	98.4	98.5
≥ 100	75.2	85.3	87.6	89.2	91.1	92.0	93.7	94.7	95.5	96.7	97.1	97.2	98.0	98.5	99.2	99.7
≥ 0	75.2	85.3	87.6	89.2	91.1	92.0	93.7	94.7	95.5	96.7	97.1	97.2	98.0	98.5	99.5	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (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	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	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	59.9
≥ 18000	59.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	59.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	60.6	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	62.4	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	65.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	65.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	66.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	66.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	68.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	69.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4500	70.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	70.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	71.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3000	73.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	76.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	78.8	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1800	79.6	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	81.0	84.1	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	82.6	86.8	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	82.9	87.7	89.4	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900	83.2	88.4	90.0	90.4	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	83.2	88.8	90.5	91.0	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	83.2	89.1	91.0	91.6	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	83.3	89.6	91.9	92.8	93.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	83.3	89.7	92.4	93.3	94.2	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	83.3	89.8	92.7	93.8	94.8	94.8	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	83.4	89.9	92.8	94.1	95.4	95.5	96.2	96.9	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	83.4	89.9	92.8	94.1	95.4	95.5	96.2	97.0	97.6	98.3	98.7	98.9	99.1	99.1	99.4	99.5
≥ 100	83.4	89.9	92.8	94.1	95.4	95.5	96.2	97.0	97.6	98.3	98.8	99.0	99.4	99.5	99.7	100.0
≥ 0	83.4	89.9	92.8	94.1	95.4	95.5	96.2	97.0	97.6	98.3	98.8	99.0	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	63.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	63.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	63.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	64.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	65.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	69.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	69.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	70.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	70.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	71.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	73.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	74.5	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	75.3	76.8	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	76.2	77.8	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	77.4	79.4	79.5	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	79.9	82.5	82.7	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	81.6	85.3	85.5	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	82.7	86.2	86.5	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	83.5	88.2	88.5	88.8	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	85.1	91.0	91.4	91.9	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	85.1	91.9	92.6	93.1	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	85.3	92.3	92.9	93.4	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	85.7	93.0	93.7	94.2	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	85.8	93.2	94.0	94.5	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	85.9	94.0	94.8	95.4	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	85.9	94.1	95.3	95.8	96.7	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	85.9	94.2	95.4	95.9	96.9	97.1	97.3	97.5	97.6	98.0	98.0	98.2	98.3	98.3	98.3	98.3
≥ 300	85.9	94.2	95.5	96.0	97.1	97.3	97.6	98.2	98.3	99.1	99.1	99.4	99.5	99.5	99.5	99.5
≥ 200	85.9	94.2	95.5	96.0	97.1	97.3	97.7	98.3	98.4	99.2	99.4	99.6	99.7	99.7	99.8	99.8
≥ 100	85.9	94.2	95.5	96.0	97.1	97.3	97.7	98.3	98.4	99.2	99.4	99.6	99.8	99.9	100.0	100.0
≥ 0	85.9	94.2	95.5	96.0	97.1	97.3	97.7	98.3	98.4	99.2	99.4	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅞	≥1¾	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.6	55.5	55.6	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	65.8	67.0	67.1	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	66.1	67.3	67.4	67.6	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	66.1	67.3	67.4	67.6	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	67.5	68.8	68.9	69.1	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	69.4	70.8	70.9	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	72.2	73.9	74.0	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	72.3	74.0	74.1	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	73.4	75.3	75.4	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	74.2	76.1	76.2	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	74.5	76.5	76.6	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	76.3	78.3	78.4	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	77.1	79.2	79.4	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	77.6	80.0	80.2	80.4	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	78.3	80.4	80.8	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	78.7	81.1	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	80.2	83.7	84.0	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	82.3	86.8	87.1	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	82.5	87.3	87.8	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	83.0	88.8	89.4	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	83.2	89.4	90.0	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	83.4	89.7	90.6	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
≥ 900	83.5	90.1	91.1	91.6	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 800	83.5	90.3	91.3	91.8	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	83.7	90.5	91.6	92.3	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	83.8	90.6	91.9	92.6	93.5	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	83.9	90.9	92.3	93.2	94.7	94.9	95.4	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	84.0	91.3	92.8	93.7	95.6	95.8	96.3	96.9	97.4	97.6	97.8	97.8	98.0	98.0	98.0	98.0
≥ 300	84.0	91.3	92.8	93.7	95.6	95.9	96.8	97.4	98.0	98.2	98.5	98.5	98.7	98.7	98.7	98.7
≥ 200	84.0	91.3	92.8	93.7	95.6	95.9	96.8	97.4	98.1	98.3	98.8	98.8	99.2	99.2	99.2	99.4
≥ 100	84.0	91.3	92.8	93.7	95.6	95.9	96.8	97.4	98.1	98.3	98.9	98.9	99.6	99.6	99.7	99.9
0	84.0	91.3	92.8	93.7	95.6	95.9	96.8	97.4	98.1	98.3	98.9	98.9	99.6	99.6	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-86 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	64.9	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	65.1	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	67.0	67.0
≥ 16000	65.1	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	67.0	67.0
≥ 14000	65.8	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	66.5	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	68.6	68.6
≥ 10000	69.2	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	69.2	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	69.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	69.8	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	70.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	72.3	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	73.5	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	74.0	76.8	77.2	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
≥ 3500	74.7	77.6	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3000	75.9	78.8	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2500	77.2	80.8	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2000	79.0	83.1	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	79.6	83.8	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	81.0	85.8	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	81.6	87.2	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	81.9	88.2	89.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	82.0	88.5	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 800	82.2	88.8	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 700	82.4	89.2	90.3	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	82.5	90.0	91.2	91.7	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	82.7	90.4	92.0	92.7	94.0	94.1	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400	82.9	90.8	92.4	93.1	94.7	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 300	82.9	90.8	92.5	93.5	95.4	95.5	96.0	96.3	96.3	96.5	96.9	97.0	97.0	97.0	97.0	97.0
≥ 200	82.9	90.8	92.5	93.8	95.6	95.8	96.8	97.1	97.1	97.3	98.0	98.2	98.3	98.3	98.4	98.4
≥ 100	82.9	90.8	92.5	93.8	95.6	95.8	96.8	97.1	97.1	97.4	98.1	98.3	98.5	98.6	99.2	99.4
≥ 0	82.9	90.8	92.5	93.8	95.6	95.8	96.8	97.1	97.1	97.4	98.1	98.3	98.5	98.6	99.4	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.4	51.8	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 20000	57.0	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	57.1	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	57.1	58.8	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 14000	58.1	59.9	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 12000	59.4	61.3	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 10000	62.0	64.1	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 9000	62.1	64.2	64.4	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
≥ 8000	62.8	64.9	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
≥ 7000	63.5	65.8	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5
≥ 6000	64.4	66.7	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
≥ 5000	65.5	68.0	68.3	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 4500	66.2	68.7	69.0	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5
≥ 4000	66.8	69.4	69.8	69.9	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	67.4	70.1	70.5	70.6	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	68.6	71.4	71.8	71.9	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2500	70.7	74.0	74.4	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1
≥ 2000	73.4	77.4	77.8	78.0	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 1800	74.1	78.3	78.8	79.0	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
≥ 1500	76.0	81.0	81.6	81.9	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 1200	77.7	83.6	84.4	84.8	85.1	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1000	78.5	85.3	86.4	86.9	87.3	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 900	78.7	85.9	87.0	87.5	88.0	88.2	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 800	79.0	86.6	87.8	88.4	89.0	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 700	79.2	87.0	88.4	89.1	89.8	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 600	79.4	87.8	89.4	90.2	91.1	91.3	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 500	79.6	88.3	90.3	91.2	92.4	92.7	93.2	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.7
≥ 400	79.6	88.7	90.7	91.8	93.2	93.6	94.2	94.5	94.8	95.0	95.1	95.1	95.1	95.2	95.2	95.2
≥ 300	79.7	88.8	90.9	92.1	93.6	94.2	95.0	95.6	95.9	96.3	96.6	96.7	96.8	96.8	96.8	96.9
≥ 200	79.7	88.8	91.0	92.1	93.7	94.2	95.2	95.8	96.3	96.9	97.4	97.5	97.8	97.9	98.1	98.2
≥ 100	79.7	88.8	91.0	92.1	93.7	94.3	95.2	95.9	96.4	97.1	97.7	97.8	98.3	98.6	99.1	99.4
≥ 0	79.7	88.8	91.0	92.1	93.7	94.3	95.2	95.9	96.4	97.1	97.7	97.8	98.3	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (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	47.4	49.3	49.6	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
≥ 20000	52.7	54.7	54.9	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6
≥ 18000	52.7	54.7	54.9	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6
≥ 16000	52.8	54.8	55.0	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
≥ 14000	53.4	55.6	55.8	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 12000	54.1	56.2	56.4	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 10000	55.9	58.2	58.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2
≥ 9000	56.0	58.4	58.8	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
≥ 8000	56.8	59.4	59.8	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4
≥ 7000	57.2	59.9	60.2	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9
≥ 6000	57.6	60.4	60.8	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4
≥ 5000	58.3	62.4	62.9	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6
≥ 4500	60.4	64.1	64.7	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 4000	60.9	64.7	65.3	65.4	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 3500	61.1	65.0	65.8	65.9	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6
≥ 3000	62.8	66.9	67.7	67.8	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥ 2500	63.8	68.4	69.2	69.3	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 2000	67.2	72.6	73.6	73.8	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 1800	68.3	73.7	74.8	75.0	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 1500	71.8	77.7	78.8	79.0	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 1200	74.1	81.4	82.6	82.9	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 1000	75.6	84.0	85.8	86.1	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 900	75.9	84.9	86.9	87.3	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4
≥ 800	77.1	86.9	89.1	89.6	90.4	90.4	90.6	90.6	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8
≥ 700	77.4	87.9	90.6	91.0	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9
≥ 600	77.7	88.7	91.9	92.3	94.2	94.3	94.8	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0
≥ 500	77.7	89.0	92.3	92.8	94.8	95.1	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0
≥ 400	77.9	89.4	92.9	93.4	96.0	96.3	96.9	97.0	97.0	97.0	97.1	97.1	97.3	97.3	97.3	97.3
≥ 300	77.9	89.7	93.2	93.8	96.4	96.8	97.4	97.7	97.9	97.9	98.0	98.0	98.2	98.2	98.2	98.2
≥ 200	77.9	89.7	93.2	93.8	96.7	97.0	97.8	98.4	98.8	99.0	99.2	99.2	99.6	99.7	99.7	99.7
≥ 100	77.9	89.7	93.2	93.8	96.7	97.0	97.8	98.4	98.8	99.0	99.2	99.2	99.7	99.8	99.9	99.9
≥ 0	77.9	89.7	93.2	93.8	96.7	97.0	97.8	98.4	98.8	99.0	99.2	99.2	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-1645 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	41.6	42.8	42.9	43.0	43.4	43.4	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.9
≥ 20000	45.4	46.8	46.9	47.1	47.6	47.6	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 18000	45.4	46.8	46.9	47.1	47.6	47.6	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 16000	45.4	46.8	46.9	47.1	47.6	47.6	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 14000	46.0	47.4	47.6	47.8	48.2	48.2	48.3	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.7
≥ 12000	46.6	48.0	48.1	48.3	48.8	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.2
≥ 10000	48.2	49.8	49.9	50.1	50.6	50.6	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0
≥ 9000	48.3	49.9	50.0	50.2	50.7	50.7	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.1
≥ 8000	49.1	50.7	50.8	51.0	51.4	51.4	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9
≥ 7000	49.4	51.0	51.1	51.3	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.2
≥ 6000	50.0	51.6	51.7	51.9	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.8
≥ 5000	51.3	53.7	53.8	54.0	54.6	54.6	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.0
≥ 4500	52.6	55.0	55.2	55.4	56.0	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.4
≥ 4000	53.0	55.8	56.0	56.3	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3
≥ 3500	53.7	56.8	57.0	57.3	57.9	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3
≥ 3000	54.3	57.6	57.8	58.1	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1
≥ 2500	55.7	59.3	59.6	59.9	60.4	60.4	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.9
≥ 2000	58.3	62.8	63.0	63.4	64.1	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.6
≥ 1800	59.4	64.0	64.2	64.7	65.3	65.3	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8
≥ 1500	64.7	70.1	70.4	70.9	71.6	71.6	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.2
≥ 1200	69.1	76.4	77.3	77.8	78.4	78.6	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2
≥ 1000	70.4	78.7	80.2	80.8	81.6	81.7	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4
≥ 900	70.9	80.4	82.1	82.7	83.4	83.6	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4
≥ 800	71.3	81.2	83.1	83.9	85.1	85.3	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2
≥ 700	71.8	81.6	84.0	84.8	86.1	86.8	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.9
≥ 600	72.1	83.6	86.3	87.4	89.2	90.0	90.9	91.0	91.0	91.1	91.1	91.1	91.1	[illegible]	91.3
≥ 500	72.9	85.0	87.9	89.2	91.6	92.3	93.2	93.6	93.6	93.7	93.7	93.7	93.7	[illegible]	93.9
≥ 400	73.1	85.2	88.1	89.6	92.1	92.9	94.6	95.0	95.0	95.1	95.1	95.1	95.1	95.2	95.3
≥ 300	73.2	85.7	88.7	90.4	93.0	93.9	95.6	96.2	96.2	96.6	96.6	96.6	96.7	96.7	96.8	96.9
≥ 200	73.3	85.8	88.8	90.7	[illegible] .4	94.3	96.2	96.9	97.0	97.3	97.6	97.7	97.9	98.2	98.3	98.6
≥ 100	73.3	85.8	88.8	90.7	93.4	94.3	96.2	96.9	97.0	97.3	97.6	97.8	98.2	98.6	99.0	99.9
≥ 0	73.3	85.6	88.8	90.7	93.4	94.3	96.2	96.9	97.0	97.3	97.6	97.8	98.3	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.1	36.2	37.3	37.1	37.8	37.8	38.0	38.2	38.2	38.2	38.3	38.3	38.3	38.6	38.7	38.7
≥ 20000	37.7	40.4	41.3	41.6	42.2	42.2	42.4	42.7	42.7	42.7	42.8	42.8	42.9	43.0	43.1	43.1
≥ 18000	37.8	40.6	41.4	41.7	42.3	42.3	42.6	42.8	42.8	42.8	42.9	42.9	42.9	43.1	43.2	43.2
≥ 16000	37.8	40.6	41.4	41.7	42.3	42.3	42.6	42.8	42.8	42.8	42.9	42.9	42.9	43.1	43.2	43.2
≥ 14000	37.9	40.9	42.0	42.2	42.9	42.9	43.1	43.3	43.3	43.3	43.4	43.4	43.4	43.7	43.8	43.8
≥ 12000	38.2	41.6	42.9	43.0	43.6	43.6	44.0	44.2	44.2	44.2	44.3	44.3	44.3	44.6	44.7	44.7
≥ 10000	39.7	43.1	44.4	44.7	45.4	45.4	45.7	45.9	45.9	45.9	46.0	46.0	46.0	46.2	46.3	46.3
≥ 9000	40.0	43.4	44.8	45.0	45.6	45.6	46.0	46.2	46.2	46.2	46.3	46.3	46.3	46.6	46.7	46.7
≥ 8000	42.7	45.4	46.6	47.0	47.8	47.8	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.6	48.7	48.7
≥ 7000	42.7	46.1	47.6	47.8	48.6	48.6	48.8	49.0	49.0	49.0	49.1	49.1	49.1	49.4	49.4	49.4
≥ 6000	44.0	47.6	49.1	49.3	50.1	50.1	50.3	50.6	50.6	50.6	50.7	50.7	50.7	50.9	51.0	51.0
≥ 5000	45.3	49.3	51.1	51.3	52.1	52.1	52.4	52.7	52.7	52.7	52.8	52.8	52.8	53.0	53.1	53.1
≥ 4500	46.7	50.7	52.7	52.9	53.9	54.0	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.9	55.0	55.0
≥ 4000	47.4	51.6	53.7	53.9	54.9	55.0	55.3	55.6	55.6	55.6	55.7	55.7	55.7	55.9	56.0	56.0
≥ 3500	48.3	52.6	54.7	54.9	56.0	56.2	56.6	56.8	56.8	56.8	56.9	56.9	56.9	57.1	57.2	57.2
≥ 3000	48.6	52.9	55.0	55.2	56.3	56.6	56.9	57.1	57.1	57.1	57.2	57.2	57.2	57.4	57.6	57.6
≥ 2500	50.3	55.2	57.4	57.8	59.9	59.1	59.4	59.7	59.7	59.7	59.8	59.8	59.8	60.0	60.1	60.1
≥ 2000	52.3	58.4	61.0	61.3	62.6	62.8	63.2	63.4	63.4	63.4	63.6	63.6	63.6	63.8	63.9	63.9
≥ 1800	53.7	59.1	61.9	62.2	63.4	63.7	64.1	64.3	64.3	64.3	64.4	64.4	64.4	64.7	64.8	64.8
≥ 1500	54.9	62.3	65.9	66.3	67.8	68.1	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.2	69.3	69.3
≥ 1200	57.1	66.7	70.9	71.7	73.1	73.3	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.6	74.7	74.7
≥ 1000	58.2	69.1	73.7	74.6	76.6	76.9	77.4	77.8	77.9	77.9	78.0	78.0	78.0	78.2	78.3	78.3
≥ 900	58.7	70.9	75.9	76.9	79.0	79.4	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.8	80.9	80.9
≥ 800	58.9	72.3	77.7	78.8	81.3	81.9	82.6	83.0	83.1	83.1	83.2	83.2	83.2	83.4	83.6	83.6
≥ 700	59.4	73.7	79.6	81.1	83.9	84.7	85.4	85.9	86.0	86.1	86.2	86.2	86.2	86.4	86.6	86.6
≥ 600	59.5	74.2	80.9	82.7	85.7	86.4	87.2	87.8	87.9	88.1	88.3	88.3	88.3	88.6	88.7	88.7
≥ 500	60.0	75.4	82.2	84.3	87.3	88.2	89.0	89.7	89.9	90.3	90.6	90.7	90.7	90.9	91.3	91.3
≥ 400	60.2	75.7	82.6	84.6	88.1	89.7	90.8	91.7	92.0	92.4	92.7	92.8	92.9	93.1	93.2	93.3
≥ 300	60.2	75.7	82.6	84.7	89.6	90.3	91.9	93.2	93.9	94.3	94.8	94.9	95.1	95.6	95.7	95.8
≥ 200	60.2	75.7	82.6	84.8	88.7	90.4	92.0	93.3	94.3	95.3	96.0	96.2	96.9	97.4	97.7	98.0
≥ 100	60.2	75.7	82.6	84.8	88.7	90.4	92.0	93.3	94.4	95.4	96.1	96.4	97.8	98.4	99.0	99.9
≥ 0	60.2	75.7	82.6	84.8	88.7	90.4	92.0	93.3	94.4	95.4	96.1	96.4	97.8	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 400

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

93908 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 64-76,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 12000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 10000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 9000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 7000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 6000	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	55.3	55.3
≥ 5000	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 4500	58.4	58.4	58.4	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 4000	59.4	59.4	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 3500	60.6	60.6	60.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 3000	61.7	61.7	61.9	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 2500	64.3	64.6	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 2000	68.2	69.6	69.8	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1800	69.1	69.7	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1500	73.6	74.3	74.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1200	78.9	80.4	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1000	81.6	83.4	84.4	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 900	83.3	85.7	86.1	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800	84.3	86.4	87.7	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	85.1	87.4	88.7	89.9	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 600	86.1	88.7	89.9	91.1	91.7	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 500	86.6	89.3	90.9	92.4	93.4	93.8	94.4	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 400	86.7	89.4	91.0	92.8	94.2	94.7	95.7	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	86.8	89.6	91.2	93.0	94.6	95.3	96.4	96.8	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	86.8	89.6	91.2	93.0	94.6	95.4	96.6	96.9	97.7	98.3	98.3	98.4	98.6	98.6	98.6	98.7
≥ 100	86.8	89.6	91.2	93.0	94.6	95.4	96.6	96.9	97.7	98.3	98.3	98.8	99.1	99.2	100.0	100.0
0	86.8	89.6	91.2	93.0	94.6	95.4	96.6	96.9	97.7	98.3	98.3	98.8	99.0	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	44.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	52.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	53.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	53.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	53.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	54.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 10000	57.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 9000	58.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 8000	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 7000	60.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 6000	60.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 5000	62.1	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4500	63.9	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	64.8	67.3	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3500	67.4	70.2	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	70.9	73.9	74.2	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	73.2	77.0	77.3	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	76.8	80.8	81.1	81.2	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	77.3	81.7	82.2	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1500	79.1	84.4	85.5	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	85.8	88.0	89.7	89.9	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	81.3	89.2	91.2	91.6	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	91.3	89.6	91.7	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
≥ 800	81.4	90.0	92.3	92.8	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	91.9	90.4	93.1	93.7	95.1	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	92.0	91.2	93.9	94.4	95.9	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	92.0	91.4	94.2	94.8	96.6	97.4	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	92.0	91.6	94.4	95.0	96.8	97.7	98.1	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	92.0	91.6	94.4	95.0	96.8	97.7	98.1	98.4	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	92.0	91.6	94.4	95.0	96.8	97.8	98.3	98.7	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	92.0	91.6	94.4	95.0	96.8	97.8	98.3	98.7	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	92.0	91.6	94.4	95.0	96.8	97.8	98.3	98.7	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03942 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.9	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	59.8	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	60.0	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000	60.0	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 14000	60.0	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	61.0	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	64.1	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	64.6	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 8000	66.7	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	67.8	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	69.9	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	70.7	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	72.9
≥ 4500	73.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	75.9	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	79.1	80.7	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	80.2	83.2	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	81.8	85.4	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	84.7	89.0	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
≥ 1800	84.8	90.0	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	85.1	91.3	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	86.0	93.3	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
≥ 1000	86.2	94.2	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	86.6	94.7	95.6	96.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	86.6	94.9	95.9	96.4	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	86.7	95.2	96.2	97.0	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	86.7	95.3	96.3	97.2	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	86.7	95.4	96.7	97.6	98.6	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	86.7	95.4	96.7	97.6	98.6	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	86.7	95.4	96.7	97.6	98.6	98.9	99.2	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.7	95.4	96.7	97.6	98.6	98.9	99.2	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.7	95.4	96.7	97.6	98.6	98.9	99.2	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.7	95.4	96.7	97.6	98.6	98.9	99.2	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	66.1	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	66.2	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	66.4	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	67.0	68.6	69.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000	68.0	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	70.4	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	70.9	73.1	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	72.4	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	73.4	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	74.4	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
≥ 5000	76.0	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	77.9	81.2	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	78.8	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	80.0	83.9	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	81.2	86.1	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	81.9	87.7	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	82.8	89.2	90.0	90.1	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
> 1800	82.8	89.4	90.7	90.4	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	84.7	91.1	91.9	92.1	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	84.7	92.8	93.6	93.8	94.4	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	84.9	93.4	94.4	94.7	95.3	95.4	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	84.9	93.7	94.7	94.9	95.7	95.8	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	84.9	93.8	94.8	95.0	95.9	95.9	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	85.2	94.6	95.6	96.0	96.8	96.9	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	85.2	95.0	96.4	96.7	97.6	97.7	97.7	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	85.2	95.3	96.8	97.0	97.9	98.1	98.1	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	85.2	95.3	96.9	97.1	98.0	98.3	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	85.2	95.3	96.8	97.2	98.2	98.6	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	85.2	95.3	96.8	97.2	98.2	98.6	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.2	95.3	96.8	97.2	98.2	98.6	99.0	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	85.2	95.3	96.8	97.2	98.2	98.6	99.0	99.3	99.6	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.7	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3
≥ 20000	65.7	67.3	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 18000	65.7	67.3	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 16000	65.9	67.7	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
≥ 14000	66.7	68.4	69.0	69.2	69.2	69.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2
≥ 12000	67.3	69.1	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
≥ 10000	68.4	70.4	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3
≥ 9000	68.9	70.8	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 8000	70.1	72.2	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 7000	70.3	72.4	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6
≥ 6000	71.1	73.3	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
≥ 5000	72.4	74.9	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0
≥ 4500	73.3	76.0	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 4000	74.6	77.6	78.7	79.6	79.6	79.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8
≥ 3500	75.2	78.3	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6
≥ 3000	77.0	80.2	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6
≥ 2500	78.2	82.3	83.2	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7
≥ 2000	79.4	84.4	85.3	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.9	85.8	85.8	85.8	85.9	85.9
≥ 1800	79.8	84.9	85.9	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 1500	81.8	87.8	88.9	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6
≥ 1200	82.4	89.4	90.7	91.0	91.2	91.3	91.4	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8
≥ 1000	83.0	90.3	91.7	92.0	92.2	92.4	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0
≥ 900	83.4	91.1	92.4	92.8	93.1	93.3	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9
≥ 800	83.7	91.6	93.0	93.3	93.8	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.6	94.6
≥ 700	83.9	92.3	94.0	94.4	94.9	95.2	95.4	95.6	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.1
≥ 600	83.9	92.3	94.0	94.4	95.1	95.4	95.7	95.8	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3
≥ 500	84.0	92.9	94.6	95.0	95.8	96.6	96.9	97.0	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.7
≥ 400	84.0	93.3	95.1	95.6	96.3	97.1	97.4	97.6	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4
≥ 300	84.1	93.4	95.2	95.7	96.6	97.3	97.8	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 200	84.1	93.4	95.2	95.7	96.6	97.3	97.8	98.2	98.4	98.9	99.3	99.3	99.6	99.6	99.7	99.7
≥ 100	84.1	93.4	95.2	95.7	96.6	97.3	97.8	98.2	98.6	99.0	99.4	99.4	99.7	99.8	99.9	99.9
≥ 0	84.1	93.4	95.2	95.7	96.6	97.3	97.8	98.2	98.6	99.0	99.4	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.6	47.9	48.0	48.1	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5
≥ 20000	53.2	54.4	55.2	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
≥ 18000	53.3	55.0	55.3	55.3	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8
≥ 16000	53.3	55.1	55.4	55.4	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	53.9	55.6	55.9	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4
≥ 12000	54.5	56.3	56.6	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000	56.5	58.6	59.0	59.1	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5
≥ 9000	56.8	59.0	59.3	59.4	59.7	59.7	59.7	59.8	59.9	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 8000	58.3	60.6	61.0	61.1	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
≥ 7000	58.9	61.2	61.6	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 6000	59.9	62.3	62.7	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
≥ 5000	61.3	64.2	64.7	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4500	62.9	66.0	66.6	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4000	63.8	67.2	67.9	68.0	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 3500	65.0	68.5	69.2	69.4	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3000	66.5	70.3	71.0	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2500	67.9	72.5	73.2	73.4	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 2000	70.3	75.7	76.5	76.8	77.2	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1800	70.9	76.5	77.4	77.7	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5
≥ 1500	73.5	79.8	81.0	81.3	81.9	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
≥ 1200	75.3	83.4	84.9	85.3	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 1000	76.1	85.1	86.9	87.5	88.3	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥ 900	76.4	86.3	88.9	89.6	89.5	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2
≥ 800	76.8	86.9	89.3	89.7	90.8	90.9	91.2	91	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5
≥ 700	77.1	87.6	90.1	90.8	92.1	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 600	77.2	88.3	91.1	91.9	93.3	93.8	94.1	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.7
≥ 500	77.4	88.9	91.8	92.7	94.4	95.0	95.4	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.3
≥ 400	77.5	89.1	92.0	93.0	94.8	95.6	96.3	96.7	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.4
≥ 300	77.6	89.2	92.1	93.2	95.1	96.0	96.8	97.3	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.4
≥ 200	77.6	89.2	92.2	93.2	95.2	96.1	97.0	97.6	98.0	98.5	98.8	98.8	99.0	99.2	99.2	99.3
≥ 100	77.6	89.2	92.2	93.2	95.2	96.1	97.0	97.6	98.0	98.5	98.8	98.9	99.2	99.4	99.6	99.9
≥ 0	77.6	89.2	92.2	93.2	95.2	96.1	97.0	97.6	99.0	98.5	98.8	98.9	99.3	99.5	99.7	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
ATR WEATHER SERVICE/MAC

4

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 67-70,73-80 (YEARS) MAY (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.4	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.9
≥ 20000	58.3	61.9	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
≥ 18000	58.5	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.3
≥ 16000	58.5	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.3
≥ 14000	58.6	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.4
≥ 12000	59.2	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1	63.1
≥ 10000	60.0	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.8
≥ 9000	60.9	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9
≥ 8000	61.3	64.9	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.5
≥ 7000	62.0	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2
≥ 6000	62.6	66.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.9
≥ 5000	64.3	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.8
≥ 4500	64.9	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.4
≥ 4000	65.5	70.3	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.0
≥ 3500	66.8	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.4
≥ 3000	68.2	73.2	73.5	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3
≥ 2500	70.6	75.9	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	77.0
≥ 2000	73.7	79.1	79.6	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.1
≥ 1800	74.6	80.6	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.7
≥ 1500	77.4	84.1	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.2
≥ 1200	79.8	87.6	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.7
≥ 1000	81.3	90.2	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3
≥ 900	81.5	90.9	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	92.0
≥ 800	82.7	92.4	92.9	93.2	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.7
≥ 700	82.8	93.3	93.9	94.2	94.3	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.9
≥ 600	83.8	95.2	95.7	96.1	96.2	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.9
≥ 500	83.9	95.5	96.0	96.6	96.7	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.5
≥ 400	84.0	95.6	96.1	96.7	96.8	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	98.0
≥ 300	84.0	95.6	96.1	96.9	97.1	97.4	98.3	98.9	99.0	99.0	99.0	98.9	98.9	98.9	99.0	99.1
≥ 200	84.0	95.6	96.1	97.0	97.2	97.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.7
≥ 100	84.0	95.6	96.1	97.0	97.2	97.6	98.6	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	100.0
0	84.0	95.6	96.1	97.0	97.2	97.6	98.6	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (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	45.1	48.4	49.0	49.5	50.1	50.1	50.1	50.2	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.9
≥ 20000	47.8	51.3	51.9	52.4	53.0	53.0	53.0	53.1	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.8
≥ 18000	47.8	51.3	51.9	52.4	53.0	53.0	53.0	53.1	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.8
≥ 16000	47.8	51.3	51.9	52.4	53.0	53.0	53.0	53.1	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.8
≥ 14000	48.0	51.4	52.0	52.5	53.1	53.1	53.1	53.2	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.9
≥ 12000	48.8	52.4	53.0	53.4	54.1	54.1	54.1	54.2	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.8
≥ 10000	50.4	54.5	55.2	55.6	56.2	56.2	56.2	56.3	56.3	56.6	56.7	56.7	56.7	56.7	56.7	57.0
≥ 9000	50.6	54.7	55.4	55.8	56.5	56.5	56.5	56.6	56.6	56.8	56.9	56.9	56.9	56.9	56.9	57.2
≥ 8000	51.4	55.5	56.2	56.7	57.3	57.3	57.3	57.4	57.4	57.6	57.7	57.7	57.7	57.7	57.7	58.1
≥ 7000	52.0	56.1	56.9	57.3	58.0	58.0	58.0	58.1	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.7
≥ 6000	52.5	56.8	57.5	58.0	58.6	58.6	58.6	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.4
≥ 5000	53.7	58.2	58.9	59.4	60.0	60.0	60.0	60.1	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.8
≥ 4500	54.8	59.4	60.1	60.5	61.2	61.2	61.2	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.9
≥ 4000	55.7	60.4	61.2	61.6	62.3	62.3	62.3	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	63.0
≥ 3500	56.3	61.3	62.0	62.5	63.1	63.1	63.1	63.2	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.9
≥ 3000	57.1	62.4	63.1	63.5	64.3	64.3	64.3	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.7	65.1
≥ 2500	58.7	64.4	65.2	65.6	66.3	66.3	66.3	66.5	66.5	66.7	66.8	66.8	66.8	66.8	66.8	67.1
≥ 2000	61.2	67.6	68.6	69.2	70.1	70.1	70.1	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.9
≥ 1800	61.8	68.5	69.7	70.1	71.0	71.0	71.0	71.1	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.7
≥ 1500	66.0	73.5	74.9	75.5	76.5	76.5	76.5	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.3
≥ 1200	68.8	77.2	78.8	79.5	80.4	80.4	80.4	80.6	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.3
≥ 1000	70.9	80.1	81.8	82.5	83.4	83.4	83.4	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.3
≥ 900	72.0	82.5	84.4	85.2	86.1	86.1	86.1	86.3	86.3	86.6	86.7	86.7	86.7	86.7	86.7	87.0
≥ 800	73.0	84.8	86.8	87.6	88.7	88.7	88.7	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.6
≥ 700	73.2	85.8	88.0	89.1	90.5	90.5	90.5	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.4
≥ 600	74.0	87.5	89.8	91.2	92.9	92.9	92.9	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.8
≥ 500	74.3	88.3	91.0	92.6	94.4	94.4	94.4	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.3
≥ 400	74.5	88.9	91.9	94.0	96.0	96.0	96.0	96.3	96.3	96.6	96.8	96.8	96.8	96.8	96.8	97.1
≥ 300	74.5	89.1	92.2	94.3	96.5	96.6	96.8	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	98.2
≥ 200	74.5	89.1	92.2	94.4	96.6	96.8	97.0	97.7	97.8	98.1	98.3	98.3	98.3	98.3	98.4	99.0
≥ 100	74.5	89.1	92.2	94.4	96.6	96.8	97.1	97.8	98.0	98.2	98.5	98.5	98.6	98.6	98.7	99.9
≥ 0	74.5	89.1	92.2	94.4	96.6	96.8	97.1	97.8	98.0	98.2	98.5	98.5	98.6	98.6	98.7	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.5	35.2	36.9	37.3	37.7	38.1	38.4	38.4	38.4	38.6	38.7	38.7	38.7	38.8	38.9	39.0
≥ 20000	34.2	39.8	41.6	42.0	42.5	42.8	43.1	43.1	43.1	43.3	43.4	43.4	43.4	43.5	43.7	44.0
≥ 18000	34.2	39.9	41.8	42.3	42.7	43.0	43.3	43.3	43.3	43.5	43.7	43.7	43.7	43.8	43.9	44.2
≥ 16000	34.2	39.9	41.8	42.3	42.7	43.0	43.3	43.3	43.3	43.5	43.7	43.7	43.7	43.8	43.9	44.2
≥ 14000	34.8	40.6	42.6	43.0	43.4	43.8	44.1	44.1	44.1	44.3	44.4	44.4	44.4	44.5	44.6	44.9
≥ 12000	35.6	41.7	43.7	44.2	44.6	44.9	45.3	45.3	45.3	45.5	45.6	45.6	45.6	45.7	45.8	46.1
≥ 10000	37.4	43.9	45.8	46.3	46.9	47.2	47.5	47.5	47.5	47.7	47.8	47.8	47.8	48.0	48.1	48.4
≥ 9000	37.8	44.3	46.2	46.8	47.3	47.6	48.0	48.0	48.0	48.2	48.3	48.3	48.3	48.4	48.5	48.8
≥ 8000	38.6	45.3	47.3	47.8	48.4	48.7	49.0	49.0	49.0	49.2	49.4	49.4	49.4	49.5	49.6	49.9
≥ 7000	38.9	45.5	47.6	48.2	48.7	49.0	49.4	49.4	49.4	49.6	49.7	49.7	49.7	49.8	49.9	50.2
≥ 6000	39.7	46.2	48.5	49.0	49.6	49.9	50.2	50.2	50.2	50.4	50.5	50.5	50.5	50.6	50.8	51.1
≥ 5000	41.0	47.7	50.0	50.5	51.2	51.5	51.9	51.9	51.9	52.2	52.3	52.3	52.3	52.4	52.5	52.8
≥ 4500	42.0	49.1	51.4	51.9	52.6	52.9	53.3	53.3	53.3	53.5	53.7	53.7	53.7	53.8	53.9	54.2
≥ 4000	42.5	49.6	51.8	52.4	53.0	53.3	53.8	53.8	53.8	54.0	54.1	54.1	54.1	54.2	54.3	54.6
≥ 3500	43.7	50.9	53.1	53.8	54.4	54.8	55.3	55.3	55.3	55.5	55.6	55.6	55.6	55.7	55.8	56.1
≥ 3000	45.6	53.3	55.8	56.6	57.2	57.6	58.1	58.1	58.1	58.3	58.4	58.4	58.4	58.5	58.6	58.9
≥ 2500	47.7	56.5	59.1	59.9	60.6	61.1	61.5	61.5	61.5	61.7	61.8	61.8	61.8	61.9	62.0	62.4
≥ 2000	49.8	59.4	62.0	62.9	63.7	64.1	64.5	64.5	64.5	64.7	64.8	64.8	64.8	64.9	65.1	65.4
≥ 1800	50.4	60.2	62.9	63.8	64.5	64.9	65.4	65.4	65.4	65.6	65.7	65.7	65.7	65.8	65.9	66.2
≥ 1500	53.3	64.4	67.6	68.6	69.6	70.0	70.4	70.4	70.4	70.6	70.8	70.8	70.8	70.9	71.0	71.3
≥ 1200	55.8	69.2	72.7	73.7	74.9	75.5	75.9	75.9	75.9	76.1	76.2	76.2	76.2	76.3	76.5	76.8
≥ 1000	57.8	72.6	76.5	77.5	78.9	79.5	80.0	80.1	80.1	80.3	80.4	80.4	80.4	80.5	80.6	81.0
≥ 900	58.5	74.5	78.7	79.9	81.4	81.9	82.6	82.7	82.7	82.9	83.0	83.0	83.0	83.1	83.2	83.5
≥ 800	58.9	75.9	80.4	81.7	83.3	83.9	84.5	84.6	84.6	84.9	85.1	85.1	85.1	85.2	85.3	85.6
≥ 700	59.7	78.6	83.1	84.4	86.2	86.8	87.4	87.5	87.5	87.8	88.0	88.0	88.0	88.1	88.2	88.5
≥ 600	60.2	79.5	84.3	86.0	88.4	88.9	90.1	90.2	90.3	90.6	90.8	90.8	90.8	90.9	91.0	91.3
≥ 500	60.8	80.2	85.3	87.7	91.0	91.5	92.8	93.0	93.2	93.5	93.7	93.7	93.8	93.9	94.0	94.3
≥ 400	60.8	80.3	85.9	89.0	92.3	92.9	94.2	94.4	94.6	95.1	95.3	95.3	95.4	95.5	95.6	95.9
≥ 300	60.8	80.5	86.5	89.6	93.1	93.8	95.4	96.3	96.6	97.3	97.7	97.7	97.8	98.0	98.1	98.4
≥ 200	60.8	80.5	86.5	89.6	93.1	93.8	95.5	96.5	96.7	97.5	98.1	98.1	98.4	98.6	98.7	99.0
≥ 100	60.8	80.5	86.5	89.6	93.1	93.9	95.6	96.6	96.8	97.7	98.3	98.3	98.6	98.8	99.1	99.8
≥ 0	60.8	80.5	86.5	89.6	93.1	93.9	95.6	96.6	96.8	97.7	98.3	98.3	98.6	98.8	99.2	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9
≥ 20000	42.5	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1
≥ 18000	42.5	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1
≥ 16000	42.5	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1
≥ 14000	43.3	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0
≥ 12000	45.3	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2
≥ 10000	49.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4
≥ 9000	49.5	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
≥ 8000	50.3	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4
≥ 7000	51.1	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3
≥ 6000	51.8	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3
≥ 5000	53.8	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 4500	54.9	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
≥ 4000	55.5	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
≥ 3500	57.8	62.0	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5
≥ 3000	62.0	66.7	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
≥ 2500	67.2	72.7	72.8	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 2000	70.8	77.3	77.5	77.6	77.7	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 1800	72.0	79.1	79.5	79.6	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 1500	76.6	85.5	85.9	86.1	86.2	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 1200	77.7	88.4	89.0	89.4	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 1000	79.0	91.1	91.9	92.5	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 900	79.0	91.5	92.4	92.9	93.3	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 800	79.2	92.3	93.2	93.8	94.3	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 700	79.2	92.9	94.1	94.6	95.3	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 600	79.4	93.2	94.7	95.3	95.9	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 500	79.4	93.8	95.4	96.3	96.9	96.9	97.3	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 400	79.4	93.8	95.4	96.2	97.3	97.4	97.8	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 300	79.4	93.8	95.4	96.2	97.4	97.6	98.3	98.6	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	79.4	93.8	95.4	96.2	97.4	97.6	98.3	98.6	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.7
≥ 100	79.4	93.8	95.4	96.2	97.4	97.6	98.3	98.6	98.8	99.2	99.4	99.6	99.7	99.9	99.9	100.0
0	79.4	93.8	95.4	96.2	97.4	97.6	98.3	98.6	98.8	99.2	99.4	99.6	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.8	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	50.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 18000	50.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	50.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	51.0	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	52.7	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	56.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 9000	56.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	58.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 7000	59.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000	59.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 5000	61.5	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 4500	63.4	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	66.2	70.0	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3500	70.1	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	77.8	83.3	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	81.7	87.8	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	83.7	91.2	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	83.9	91.7	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	85.4	94.4	95.1	95.6	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	85.9	95.7	96.3	97.2	97.6	97.6	97.6	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	86.0	96.0	97.0	97.8	98.3	98.3	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	86.1	96.1	97.1	98.0	98.4	98.4	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	86.1	96.2	97.2	98.1	98.5	98.5	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	86.1	96.3	97.3	98.2	98.6	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	86.1	96.3	97.3	98.2	98.7	98.7	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	86.1	96.3	97.3	98.2	98.8	98.8	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	86.1	96.5	97.4	98.3	99.0	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	86.1	96.5	97.4	98.4	99.1	99.1	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.1	96.5	97.4	98.4	99.1	99.1	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.1	96.5	97.4	98.4	99.1	99.1	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.1	96.5	97.4	98.4	99.1	99.1	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.0	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	62.3	63.1	63.1	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
≥ 18000	62.3	63.1	63.1	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
≥ 16000	62.3	63.1	63.1	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
≥ 14000	62.5	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	64.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	68.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	68.2	69.5	69.5	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
≥ 8000	69.5	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	70.1	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	71.5	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 5000	73.4	75.8	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	76.0
≥ 4500	75.3	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	77.3	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	80.4	83.7	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	85.5	89.2	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	87.4	92.5	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	87.7	93.8	94.7	95.1	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	87.7	93.9	94.9	95.3	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	87.8	95.1	96.3	96.8	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	87.8	95.5	96.9	97.3	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	87.8	95.8	97.2	97.6	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 900	87.8	95.9	97.3	97.7	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 800	87.8	96.1	97.5	98.0	98.4	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 700	87.8	96.1	97.5	98.1	98.5	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 600	87.8	96.2	97.7	98.3	98.7	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 500	87.8	96.2	97.7	98.3	98.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	87.8	96.2	97.7	98.3	98.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	87.8	96.2	97.8	98.4	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	87.8	96.2	97.8	98.4	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	87.8	96.2	97.8	98.4	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	87.8	96.2	97.8	98.4	99.0	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.1	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	65.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	65.3	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	67.8	67.8
≥ 16000	65.3	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	67.8	67.8
≥ 14000	65.9	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	67.7	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	72.0	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	72.0	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	73.5	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	77.5	77.5
≥ 7000	74.4	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	75.5	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000	77.8	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	79.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	80.9	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	83.4	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	85.5	90.8	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	86.5	92.0	92.9	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	87.0	92.7	93.7	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	87.1	92.8	93.8	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	87.4	93.7	94.7	94.7	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	87.4	94.1	95.3	95.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	87.5	94.7	96.0	96.2	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	87.7	95.1	96.3	96.6	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	87.8	95.3	96.6	96.9	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	88.1	95.6	97.1	97.4	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	88.4	96.0	97.6	98.0	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	88.4	96.0	97.6	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	88.4	96.0	97.6	98.0	98.7	98.9	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	88.4	96.0	97.6	98.0	98.7	98.9	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.4	96.0	97.6	98.0	98.7	98.9	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	88.4	96.0	97.6	98.0	98.7	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.4	96.0	97.6	98.0	98.7	98.9	99.7	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 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	71.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	71.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	71.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	71.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	72.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 10000	74.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	74.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 8000	75.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	76.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	76.8	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	79.2
≥ 5000	78.2	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	79.0	82.0	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	82.4
≥ 4000	80.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	81.7	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	82.9	87.2	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	84.5	89.0	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	86.7	91.5	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	87.2	92.0	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	88.1	93.8	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	88.7	94.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	89.2	95.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	89.5	95.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	89.8	96.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 700	89.8	96.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 600	90.0	96.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 500	90.0	97.2	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 400	90.0	97.2	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 300	90.0	97.2	98.9	99.1	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	90.0	97.2	98.9	99.1	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	90.0	97.2	98.9	99.1	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	90.0	97.2	98.9	99.1	99.1	99.1	99.7	99.9	99.9	99.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	48.1	50.4	50.8	50.9	51.0	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.3
≥ 20000	53.9	56.6	57.0	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.6
≥ 18000	54.0	56.7	57.1	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.7
≥ 16000	54.0	56.7	57.1	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.7
≥ 14000	54.4	57.2	57.6	57.7	57.9	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2
≥ 12000	55.8	58.8	59.2	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.8
≥ 10000	58.7	61.9	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.9
≥ 9000	58.8	62.1	62.4	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.1
≥ 8000	59.9	63.2	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3
≥ 7000	60.5	63.9	64.3	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.9	64.9	65.0
≥ 6000	61.3	64.8	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.9
≥ 5000	63.0	66.7	67.2	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9
≥ 4500	64.2	68.2	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.4
≥ 4000	65.5	69.9	70.5	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2
≥ 3500	67.5	72.3	72.8	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6
≥ 3000	70.6	75.8	76.5	76.8	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4
≥ 2500	73.1	78.9	79.7	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6
≥ 2000	75.0	81.6	82.5	82.8	83.1	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6
≥ 1800	75.6	82.4	83.4	83.7	84.0	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4
≥ 1500	77.8	85.6	86.7	87.1	87.5	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.1
≥ 1200	79.0	87.8	89.1	89.5	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.6
≥ 1000	80.0	89.5	91.0	91.5	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
≥ 900	80.3	90.3	91.8	92.4	92.9	93.0	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5
≥ 800	80.7	91.2	92.8	93.4	93.9	94.0	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.7
≥ 700	80.8	91.9	93.6	94.3	95.0	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.7
≥ 600	81.2	92.6	94.4	95.2	96.0	96.1	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.9
≥ 500	81.3	92.9	94.9	95.8	96.8	96.9	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.8
≥ 400	81.4	93.1	95.1	96.2	97.2	97.4	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.5
≥ 300	81.4	93.1	95.2	96.4	97.5	97.7	98.3	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3
≥ 200	81.4	93.1	95.2	96.4	97.5	97.8	98.4	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.5	99.7
≥ 100	81.4	93.1	95.2	96.4	97.5	97.8	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.6	99.6	100.0
≥ 0	81.4	93.1	95.2	96.4	97.5	97.8	98.5	98.9	99.0	99.3	99.4	99.4	99.5	99.6	99.7	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	71.4	73.3	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
≥ 20000	75.0	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	75.0	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	75.0	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	75.3	77.9	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000	76.0	78.7	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
≥ 10000	77.7	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	77.8	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	79.1	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	79.1	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	79.3	82.1	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	82.7
≥ 5000	79.8	82.6	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	83.1
≥ 4500	80.2	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	81.1	84.0	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	81.8	84.7	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
≥ 3000	82.2	85.3	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	83.3	86.4	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	85.4	89.0	89.4	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	86.2	89.9	90.3	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	89.1	93.7	94.1	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	91.6	96.2	96.8	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	91.9	96.6	97.1	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	92.3	97.0	97.6	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	92.6	97.3	97.9	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	92.6	97.3	97.9	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	92.9	97.9	98.4	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	93.0	98.1	98.7	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	93.3	98.6	99.1	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.3	98.6	99.1	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.3	98.6	99.1	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.3	98.6	99.1	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	93.3	98.6	99.1	99.6	99.8	99.8	99.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-90 (YEARS) JUN (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	57.9	61.8	62.2	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2
≥ 20000	61.1	65.7	66.3	66.8	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3
≥ 18000	61.2	65.8	66.4	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4
≥ 16000	61.2	65.8	66.4	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4
≥ 14000	61.3	65.9	66.6	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6
≥ 12000	61.7	66.3	67.0	67.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
≥ 10000	63.0	67.8	68.4	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4
≥ 9000	63.0	67.8	68.4	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4
≥ 8000	64.1	69.4	70.1	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1
≥ 7000	64.8	70.3	71.0	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
≥ 6000	65.1	70.9	71.6	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6
≥ 5000	65.7	71.4	72.1	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
≥ 4500	66.4	72.3	73.0	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
≥ 4000	67.1	73.1	73.8	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
≥ 3500	67.9	73.9	74.6	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6
≥ 3000	69.1	75.8	76.4	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 2500	71.6	78.0	79.4	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6
≥ 2000	73.7	81.6	82.3	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6
≥ 1800	75.1	83.0	83.8	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0
≥ 1500	78.4	87.2	88.0	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
≥ 1200	81.0	90.6	91.3	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6
≥ 1000	82.3	92.1	92.9	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 900	83.0	92.8	93.6	94.1	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 800	83.4	93.2	94.0	94.6	94.9	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
≥ 700	84.4	94.6	95.4	96.0	96.3	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 600	84.8	94.8	95.8	96.3	96.7	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 500	84.9	95.2	96.2	96.9	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 400	85.0	95.7	96.7	97.6	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 300	85.0	95.8	97.4	98.4	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 200	85.0	95.8	97.4	98.4	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	85.0	95.8	97.4	98.4	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	85.0	95.8	97.4	98.4	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.6	51.0	51.7	52.2	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.2
≥ 20000	51.0	58.6	59.3	59.9	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.7	60.8	61.1
≥ 18000	51.0	58.6	59.3	59.9	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.7	60.8	61.1
≥ 16000	51.1	58.7	59.4	60.0	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.8	60.9	61.2
≥ 14000	51.2	58.8	59.6	60.1	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.9	61.0	61.3
≥ 12000	52.6	60.1	60.9	61.4	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.2	62.3	62.7
≥ 10000	54.2	62.4	63.2	64.0	64.3	64.4	64.6	64.6	64.6	64.6	64.7	64.7	64.8	64.9	65.0	65.3
≥ 9000	54.2	62.4	63.2	64.0	64.3	64.4	64.6	64.6	64.6	64.6	64.7	64.7	64.8	64.9	65.0	65.3
≥ 8000	56.2	64.4	65.2	66.0	66.3	66.4	66.6	66.6	66.6	66.6	66.7	66.7	66.8	66.9	67.0	67.3
≥ 7000	56.7	65.1	65.9	66.7	67.0	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.6	67.7	68.0
≥ 6000	57.0	65.8	66.8	67.6	67.9	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.4	68.6	68.9
≥ 5000	58.7	67.6	68.7	69.4	69.9	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.3	70.4	70.6	70.9
≥ 4500	58.9	67.9	69.0	69.8	70.3	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.8	70.9	71.0	71.3
≥ 4000	59.8	69.0	70.1	70.9	71.4	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.9	72.0	72.1	72.4
≥ 3500	61.1	70.3	71.4	72.2	72.8	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.2	73.3	73.4	73.8
≥ 3000	62.2	71.6	72.7	73.4	74.1	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.6	74.7	74.8	75.1
≥ 2500	65.0	74.6	75.8	76.6	77.2	77.3	77.4	77.4	77.4	77.4	77.6	77.6	77.7	77.8	77.9	78.2
≥ 2000	69.0	79.7	80.9	81.7	82.3	82.4	82.6	82.6	82.6	82.6	82.7	82.7	82.8	82.9	83.0	83.3
≥ 1800	69.9	30.8	82.0	82.8	83.4	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.9	84.0	84.1	84.4
≥ 1500	73.4	85.1	86.4	87.2	88.0	88.1	88.2	88.2	88.2	88.3	88.4	88.4	88.6	88.7	88.8	89.1
≥ 1200	75.2	87.9	89.3	90.2	91.1	91.2	91.3	91.3	91.3	91.4	91.6	91.6	91.7	91.8	91.9	92.2
≥ 1000	75.7	89.1	90.7	91.6	92.4	92.6	92.7	92.7	92.7	92.8	92.9	92.9	93.0	93.1	93.2	93.6
≥ 900	76.0	89.9	91.7	92.6	93.4	93.6	93.7	93.7	93.7	93.8	93.9	93.9	94.0	94.1	94.2	94.6
≥ 800	76.3	90.7	92.4	93.3	94.2	94.3	94.4	94.4	94.4	94.6	94.7	94.7	94.8	94.9	95.0	95.3
≥ 700	76.8	91.4	93.2	94.1	95.0	95.1	95.2	95.2	95.2	95.3	95.4	95.4	95.6	95.7	95.8	96.1
≥ 600	76.9	91.9	93.7	94.6	95.4	95.6	95.7	95.7	95.7	95.8	95.9	95.9	96.0	96.1	96.2	96.6
≥ 500	77.0	92.2	94.2	95.4	96.3	96.4	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.0	97.1	97.4
≥ 400	77.4	93.0	95.0	96.4	97.4	97.6	97.7	97.7	97.7	97.8	97.9	97.9	98.0	98.1	98.2	98.6
≥ 300	77.4	93.3	95.4	97.0	98.1	98.2	98.3	98.4	98.4	98.7	98.8	98.8	99.0	99.1	99.2	99.6
≥ 200	77.4	93.3	95.4	97.1	98.2	98.3	98.6	98.7	98.7	99.0	99.2	99.2	99.4	99.6	99.7	100.0
≥ 100	77.4	93.3	95.4	97.1	98.2	98.3	98.6	98.7	98.7	99.0	99.2	99.2	99.4	99.6	99.7	100.0
0	77.4	93.3	95.4	97.1	98.2	98.3	98.6	98.7	98.7	99.0	99.2	99.2	99.4	99.6	99.7	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.3	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	65.3	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	67.6
≥ 18000	65.3	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	67.6
≥ 15000	65.6	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	67.8	67.8
≥ 14000	65.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	67.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	69.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	69.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	71.0	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	71.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	72.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	74.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	74.4	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	75.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	78.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	81.7	85.2	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	86.4	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	89.2	93.3	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	89.6	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	91.1	96.1	96.3	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	92.1	97.3	97.6	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	92.8	98.2	98.4	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	92.9	98.7	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	92.9	98.8	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	92.9	99.1	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	92.9	99.2	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	92.9	99.2	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	93.0	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.0	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.0	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.0	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.0	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 20000	70.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	70.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	70.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	70.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	75.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	75.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	77.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	78.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	79.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	81.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	83.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	86.8	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	90.1	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	93.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	95.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	96.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	96.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	96.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	96.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	96.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	96.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	96.7	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	100.0	100.0
≥ 700	96.7	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	100.0	100.0
≥ 600	96.7	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	100.0	100.0
≥ 500	96.7	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	100.0	100.0
≥ 400	96.7	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	100.0	100.0
≥ 300	96.7	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	100.0	100.0
≥ 200	96.7	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	100.0	100.0
≥ 100	96.7	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	100.0	100.0
≥ 0	96.7	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	100.0	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 18000	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	93.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	96.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	97.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	97.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.4	78.3	79.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 20000	86.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 18000	86.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	86.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 14000	86.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 12000	87.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 10000	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 9000	90.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	91.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 7000	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	93.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4500	94.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	96.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	97.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	97.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	80.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 20000	85.9	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	87.4	87.4
≥ 18000	86.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 16000	86.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 14000	86.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 12000	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000	89.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 9000	89.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	90.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	90.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000	91.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	91.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	91.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	93.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	93.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	93.9	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	94.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	95.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	95.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	96.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	96.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.4	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0
≥ 20000	74.0	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 18000	74.1	74.7	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
≥ 15000	74.1	74.7	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 14000	74.2	74.9	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5
≥ 12000	74.3	75.9	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 10000	75.4	78.4	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 9000	75.6	78.4	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 8000	77.6	79.9	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 7000	77.8	80.6	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 6000	78.0	81.1	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 5000	79.2	82.4	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
≥ 4500	80.1	83.4	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
≥ 4000	81.6	85.0	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 3500	83.2	86.6	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 3000	84.6	88.3	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 2500	86.5	90.3	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 2000	88.0	92.2	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 1800	88.5	92.7	93.1	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 1500	90.1	94.8	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 1200	91.2	96.2	96.6	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 1000	91.6	96.8	97.2	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
900	91.8	97.1	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 800	91.9	97.3	97.8	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 700	92.1	97.6	98.2	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 600	92.2	97.9	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 500	92.3	98.0	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 400	92.4	98.2	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 300	92.4	98.3	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	92.4	98.3	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	92.4	98.3	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	92.4	98.3	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.5	82.1	82.4	82.7	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 20000	83.8	86.2	86.7	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 18000	83.8	86.2	86.7	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 16000	83.8	86.2	86.7	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 14000	84.1	86.5	87.1	87.5	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 12000	85.2	87.6	89.1	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 10000	88.2	91.2	91.7	92.1	92.2	92.6	92.8	92.8	92.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 9000	88.7	91.6	92.1	92.6	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 8000	89.0	91.9	92.4	92.9	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 7000	89.6	92.7	93.2	93.6	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	89.6	92.8	93.3	93.7	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	90.0	93.5	94.2	94.6	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	90.3	93.9	94.5	94.9	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	90.7	94.3	94.9	95.4	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	91.2	94.8	95.5	95.9	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	91.6	95.5	96.3	96.8	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	91.7	95.6	96.4	96.9	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	92.0	95.9	96.8	97.2	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	92.1	96.0	96.9	97.3	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	92.3	96.2	97.2	97.6	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	92.6	96.4	97.4	97.8	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	92.7	96.8	97.7	98.2	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	92.7	96.8	97.7	98.2	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	92.9	97.0	98.0	98.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	93.0	97.1	98.1	98.5	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	93.0	97.1	98.1	98.5	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	93.0	97.3	98.3	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	93.1	97.6	98.6	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.1	97.6	98.6	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.1	97.6	98.6	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.1	97.6	98.6	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.1	97.6	98.6	99.0	99.5	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 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.9	79.5	79.8	79.9	80.0	80.0	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 20000	79.6	82.5	82.8	83.0	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 18000	79.6	82.5	82.8	83.0	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 16000	79.6	82.5	82.8	83.0	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 14000	79.7	82.6	83.0	83.1	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	81.4	84.4	84.7	84.8	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	84.5	87.8	88.1	88.2	88.3	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	84.8	88.1	88.5	88.6	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000	86.3	89.6	90.0	90.1	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	87.2	90.9	91.3	91.4	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	87.2	90.9	91.3	91.4	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	87.4	91.2	91.6	91.7	91.9	91.9	91.9	92.2	92.2	92.3	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	87.6	91.4	91.8	92.0	92.2	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	88.1	92.0	92.6	92.9	93.1	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	88.5	92.3	92.9	93.2	93.4	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	88.6	92.4	93.0	93.3	93.6	93.7	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	88.7	92.6	93.1	93.4	93.7	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	89.4	93.9	94.5	94.8	95.1	95.3	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	89.5	94.0	94.6	94.9	95.3	95.4	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	89.9	94.6	95.3	95.6	95.9	96.0	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	90.2	94.9	95.6	95.9	96.3	96.4	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	90.2	94.9	95.7	96.0	96.5	96.7	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	90.2	94.9	95.7	96.0	96.5	96.7	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	90.4	95.3	96.0	96.3	96.9	97.0	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	90.4	95.3	96.0	96.3	96.9	97.0	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	90.4	95.4	96.3	96.7	97.2	97.3	97.5	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	96.4
≥ 500	90.9	95.7	96.7	97.0	97.5	97.6	97.8	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	90.7	96.2	97.2	97.5	98.1	98.2	98.4	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	90.7	96.2	97.2	97.5	98.2	98.3	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	90.7	96.2	97.2	97.5	98.2	98.3	98.5	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	90.7	96.2	97.2	97.5	98.2	98.3	98.5	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
0	90.7	96.2	97.2	97.5	98.2	98.3	98.5	99.2	99.7	99.8	99.9	99.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.2	69.4	69.8	70.0	70.3	70.3	70.6	70.6	71.0	71.0	71.1	71.1	71.2	71.2	71.3	71.3
≥ 20000	69.9	74.1	74.8	75.1	75.4	75.4	75.7	75.7	76.0	76.0	76.1	76.1	76.2	76.2	76.3	76.3
≥ 18000	69.9	74.1	74.8	75.1	75.4	75.4	75.7	75.7	76.0	76.0	76.1	76.1	76.2	76.2	76.3	76.3
≥ 16000	69.9	74.1	74.8	75.1	75.4	75.4	75.7	75.7	76.0	76.0	76.1	76.1	76.2	76.2	76.3	76.3
≥ 14000	70.5	74.7	75.5	75.7	76.0	76.0	76.3	76.3	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.0
≥ 12000	73.8	78.1	78.8	79.0	79.4	79.4	79.8	79.8	80.1	80.1	80.2	80.2	80.3	80.3	80.4	80.4
≥ 10000	76.0	81.2	82.0	82.4	82.8	82.8	83.2	83.2	83.5	83.7	83.8	83.8	83.9	83.9	84.0	84.0
≥ 9000	76.1	81.3	82.2	82.5	82.9	82.9	83.3	83.3	83.7	83.8	83.9	83.9	84.0	84.0	84.1	84.1
≥ 8000	78.3	83.9	84.7	85.1	85.6	85.6	86.0	86.0	86.3	86.5	86.7	86.7	86.8	86.8	86.9	86.9
≥ 7000	78.7	84.3	85.6	85.9	86.5	86.5	86.9	86.9	87.2	87.3	87.5	87.5	87.6	87.6	87.7	87.7
≥ 6000	78.8	84.4	85.7	86.0	86.6	86.6	87.0	87.0	87.3	87.4	87.6	87.6	87.7	87.7	87.8	87.8
≥ 5000	79.4	84.9	86.2	86.6	87.1	87.1	87.5	87.5	87.8	88.0	88.2	88.2	88.3	88.3	88.4	88.4
≥ 4500	79.7	85.3	86.6	86.9	87.4	87.4	87.8	87.8	88.2	88.3	88.5	88.5	88.6	88.6	88.7	88.7
≥ 4000	80.0	85.7	87.0	87.3	87.8	87.8	88.3	88.3	88.6	88.7	88.9	88.9	89.0	89.0	89.1	89.1
≥ 3500	80.3	86.0	87.3	87.6	88.3	88.3	88.7	88.7	89.0	89.1	89.4	89.4	89.5	89.5	89.6	89.6
≥ 3000	80.6	86.7	88.0	88.3	89.0	89.0	89.5	89.5	89.8	89.9	90.1	90.1	90.2	90.2	90.3	90.3
≥ 2500	81.0	87.1	88.4	88.7	89.5	89.5	89.9	89.9	90.2	90.3	90.5	90.5	90.6	90.6	90.8	90.8
≥ 2000	81.6	88.1	89.4	89.7	90.4	90.4	90.9	90.9	91.3	91.4	91.6	91.6	91.7	91.7	91.8	91.8
≥ 1800	81.6	88.1	89.4	89.7	90.5	90.5	91.0	91.0	91.4	91.5	91.7	91.7	91.8	91.8	91.9	91.9
≥ 1500	82.8	89.8	91.2	91.5	92.5	92.5	92.9	92.9	93.3	93.4	93.7	93.7	93.8	93.8	93.9	93.9
≥ 1200	83.3	90.8	92.3	92.6	93.7	93.7	94.3	94.3	94.7	94.8	95.1	95.1	95.2	95.2	95.3	95.3
≥ 1000	83.5	91.1	92.7	93.0	94.1	94.1	94.8	94.8	95.3	95.4	95.6	95.6	95.7	95.7	95.8	95.8
≥ 900	83.9	91.6	93.2	93.5	94.6	94.6	95.4	95.4	95.8	95.9	96.1	96.1	96.2	96.2	96.3	96.3
≥ 800	84.2	92.3	93.9	94.2	95.4	95.4	96.1	96.1	96.6	96.7	96.9	96.9	97.0	97.0	97.1	97.1
≥ 700	84.2	92.4	94.1	94.5	95.7	95.7	96.5	96.5	96.9	97.0	97.2	97.2	97.3	97.3	97.4	97.4
≥ 600	84.2	92.5	94.2	95.1	96.3	96.5	97.3	97.3	97.7	97.8	98.1	98.1	98.2	98.2	98.3	98.3
≥ 500	84.2	92.7	94.4	95.3	96.6	96.7	97.6	97.6	98.1	98.2	98.5	98.5	98.6	98.6	98.7	98.7
≥ 400	84.2	92.9	94.6	95.5	96.9	97.0	98.3	98.3	98.7	98.8	99.1	99.1	99.2	99.2	99.4	99.4
≥ 300	84.2	92.9	94.6	95.5	96.9	97.0	98.4	98.6	99.0	99.1	99.5	99.5	99.6	99.6	99.8	99.8
≥ 200	84.2	92.9	94.6	95.5	96.9	97.0	98.5	98.7	99.1	99.2	99.6	99.6	99.7	99.7	99.9	99.9
≥ 100	84.2	92.9	94.6	95.5	96.9	97.0	98.5	98.7	99.1	99.2	99.6	99.6	99.7	99.7	99.9	100.0
≥ 0	84.2	92.9	94.6	95.5	96.9	97.0	98.5	98.7	99.1	99.2	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.9	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 20000	75.3	77.0	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	75.3	77.0	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	75.3	77.0	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	75.8	77.5	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	78.1	80.3	80.5	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	83.3	86.0	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	83.3	86.0	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	84.5	87.2	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	85.3	88.0	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	85.5	88.4	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	86.1	89.1	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	86.6	89.6	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	87.0	90.3	90.5	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	87.7	91.6	91.9	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	89.0	92.9	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	90.0	93.9	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	91.0	94.8	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	91.3	95.3	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	92.3	96.6	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	92.8	97.6	98.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	93.0	98.0	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	93.1	98.2	98.9	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	93.1	98.3	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	93.1	98.3	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	93.1	98.3	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.1	98.3	99.0	99.1	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	93.1	98.3	99.0	99.1	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.1	98.3	99.0	99.1	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.1	98.3	99.0	99.1	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.1	98.3	99.0	99.1	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.1	98.3	99.0	99.1	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥ 4	≥0
NO CEILING	66.2	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000	74.5	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	74.5	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	74.6	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	75.4	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	76.7	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	82.2	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	84.0	84.0
≥ 9000	82.2	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	84.0	84.0
≥ 8000	83.4	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	84.2	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 6000	84.2	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	85.5	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	86.0	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	88.2	88.2
≥ 4000	87.7	89.6	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	90.2	92.4	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	93.2	95.6	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	94.2	96.6	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	94.7	97.4	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	94.7	97.4	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	94.9	98.1	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	95.1	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	95.2	98.5	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	95.2	98.6	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.2	98.6	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	95.2	98.6	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.2	98.6	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	95.2	98.6	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	95.2	98.6	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	95.2	98.6	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	95.2	98.6	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	95.2	98.6	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	95.2	98.6	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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	64.2	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	76.2	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	76.2	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	76.2	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	76.9	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	80.1	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	84.6	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	85.3	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	87.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	88.5	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	89.1	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	91.7	91.7
≥ 5000	89.6	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	90.2	92.5	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	92.6	95.3	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	94.0	96.9	97.5	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	94.7	97.7	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	94.8	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	95.1	98.2	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	95.1	98.2	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	95.1	98.4	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	95.1	98.4	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	95.1	98.4	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	95.1	98.4	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.1	98.4	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	95.1	98.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.1	98.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.1	98.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.1	98.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.1	98.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.1	98.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.1	98.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.1	98.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	80.1	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 18000	80.1	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 16000	80.1	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	80.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 12000	84.6	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 10000	89.0	91.0	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 9000	89.6	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	91.5	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 7000	92.5	94.6	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	92.6	94.8	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	92.7	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	92.8	95.3	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
≥ 4000	93.3	96.3	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	94.2	97.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	94.3	97.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	94.3	98.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	94.3	98.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	94.3	98.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	94.3	98.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	94.3	98.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	94.3	98.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	94.3	98.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	94.3	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.3	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.3	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.3	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.3	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.3	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.3	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.3	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.3	98.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.3	80.4	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 20000	82.8	85.5	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 18000	82.8	85.5	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 16000	82.8	85.5	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	83.2	85.9	86.0	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 12000	85.1	87.7	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000	88.6	92.0	92.3	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	89.0	92.5	92.7	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 8000	90.0	93.8	94.0	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7000	90.3	94.8	95.1	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	90.5	95.2	95.4	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	90.9	95.7	96.0	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	91.3	96.1	96.5	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	91.8	96.7	97.0	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
≥ 3500	92.3	97.1	97.4	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	93.2	98.2	98.6	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	93.2	98.3	98.7	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	93.3	98.4	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	93.3	98.4	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	93.3	98.4	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	93.3	98.4	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	93.5	98.6	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	93.5	98.6	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	93.5	98.6	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	93.5	98.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.5	98.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.5	98.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.5	98.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.5	98.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.5	98.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.5	98.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.5	98.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.4	73.3	73.6	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1
≥ 20000	77.8	80.1	80.4	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 18000	77.8	80.1	80.4	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 16000	77.8	80.1	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	78.3	80.6	80.9	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 12000	80.6	83.0	83.4	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 10000	84.6	87.4	87.8	88.0	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	84.9	87.7	88.1	88.3	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	86.3	89.3	89.8	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	87.0	90.2	90.7	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	87.2	90.5	91.0	91.1	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	87.7	91.1	91.6	91.8	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 4500	88.1	91.4	92.0	92.2	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	88.9	92.5	93.1	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	89.8	93.5	94.2	94.5	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	90.7	94.6	95.3	95.6	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	91.0	95.0	95.8	96.0	96.4	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	91.4	95.6	96.4	96.7	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1800	91.5	95.7	96.5	96.7	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 1500	91.9	96.3	97.1	97.4	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	92.1	96.7	97.5	97.8	98.2	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1000	92.2	96.8	97.7	98.0	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	92.2	96.9	97.8	98.1	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	92.3	97.1	98.0	98.3	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 700	92.3	97.2	98.1	98.4	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 600	92.3	97.2	98.1	98.5	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 500	92.4	97.3	98.2	98.6	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	92.4	97.4	98.4	98.7	99.2	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	92.4	97.4	98.4	98.7	99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	92.4	97.4	98.4	98.7	99.2	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	92.4	97.4	98.4	98.7	99.2	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	92.4	97.4	98.4	98.7	99.2	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (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	78.7	81.2	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 20000	82.6	85.2	85.4	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.6
≥ 18000	82.6	85.2	85.4	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	82.7	85.3	85.5	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000	82.9	85.5	85.7	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000	85.3	87.8	88.1	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 10000	88.3	91.2	91.6	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 9000	88.3	91.4	91.8	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 8000	89.2	92.6	93.0	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 7000	89.5	92.8	93.2	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.6
≥ 6000	89.6	92.9	93.3	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	90.9	94.3	94.7	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	91.1	94.5	94.9	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	91.2	94.6	95.1	95.4	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	91.4	94.8	95.4	95.7	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	91.7	95.2	95.7	96.0	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	91.9	95.4	95.9	96.2	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	92.5	96.0	96.6	96.9	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	92.6	96.1	96.7	97.0	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	92.8	96.5	97.0	97.3	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	93.4	97.1	97.6	98.0	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	93.4	97.1	97.6	98.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	93.5	97.2	97.7	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	93.9	97.6	98.2	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	93.9	97.6	98.2	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	93.9	97.6	98.4	98.8	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	94.0	97.8	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	94.1	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.1	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	94.1	98.0	98.7	99.1	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.1	98.0	98.7	99.1	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.1	98.0	98.7	99.1	99.7	99.7	99.9	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 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.7	77.5	78.0	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 20000	76.0	80.4	80.9	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 18000	76.0	80.4	80.9	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 16000	76.1	80.5	81.0	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 14000	76.8	81.2	81.6	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 12000	79.0	83.5	84.0	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 10000	81.6	86.2	87.0	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 9000	81.6	86.2	87.0	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 8000	82.5	87.5	88.3	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 7000	83.2	88.3	89.0	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 6000	83.5	88.6	89.4	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 5000	84.0	89.0	89.8	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 4500	84.1	89.1	89.9	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 4000	84.5	90.2	91.0	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 3500	84.7	90.6	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
≥ 3000	85.2	91.1	91.8	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 2500	85.7	91.6	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 2000	87.0	93.0	93.8	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 1800	87.1	93.1	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1500	87.7	94.0	94.8	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1200	88.1	94.6	95.5	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1000	88.2	94.7	95.6	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 900	88.3	95.2	96.0	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 800	88.9	95.8	96.7	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 700	89.1	96.2	97.1	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 600	89.2	96.5	97.3	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 500	89.5	96.9	97.8	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 400	89.7	97.2	98.3	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	89.7	97.2	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	89.7	97.2	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	89.7	97.2	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	89.7	97.2	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) ALS (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.7	65.9	68.6	69.2	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9
≥ 20000	58.4	69.7	72.4	73.0	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7
≥ 18000	58.4	69.7	72.4	73.0	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7
≥ 16000	58.4	69.7	72.4	73.0	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7
≥ 14000	58.8	70.3	73.0	73.7	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3
≥ 12000	62.2	73.8	76.5	77.1	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7
≥ 10000	65.2	77.2	79.9	80.6	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 9000	65.3	77.3	80.0	80.8	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8
≥ 8000	66.8	79.2	82.2	82.9	83.5	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 7000	67.0	79.8	82.7	83.4	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 6000	67.3	80.2	83.1	83.9	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9
≥ 5000	68.2	81.3	84.2	84.9	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0
≥ 4500	69.4	82.8	85.7	86.5	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5
≥ 4000	69.6	83.4	86.7	87.4	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5
≥ 3500	69.9	83.8	87.0	87.7	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8
≥ 3000	70.4	84.3	87.5	88.3	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.4	89.4	89.4
≥ 2500	71.2	85.2	88.5	89.2	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5
≥ 2000	71.9	86.0	89.4	90.1	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4
≥ 1800	72.2	86.2	89.6	90.3	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6
≥ 1500	73.1	87.6	91.0	91.7	92.6	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 1200	74.0	88.9	92.5	93.3	94.2	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.9	95.1	95.1	95.1
≥ 1000	74.2	89.1	92.7	93.5	94.4	94.5	94.8	94.8	94.8	94.9	94.9	94.9	95.2	95.3	95.3	95.3
≥ 900	74.5	89.6	93.1	94.0	94.8	94.9	95.3	95.3	95.3	95.4	95.4	95.4	95.6	95.7	95.7	95.7
≥ 800	74.9	90.3	94.0	94.8	96.0	96.1	96.5	96.5	96.5	96.6	96.6	96.6	96.8	96.9	96.9	96.9
≥ 700	75.2	90.6	94.3	95.2	96.5	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.3	97.4	97.4	97.4
≥ 600	75.2	90.6	94.3	95.3	96.8	97.0	97.4	97.4	97.4	97.5	97.5	97.5	97.7	97.8	97.8	97.8
≥ 500	75.3	90.9	94.5	95.5	97.1	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.3	98.4	98.4	98.4
≥ 400	75.5	91.2	94.9	95.9	97.5	98.1	98.6	98.6	98.6	99.0	99.0	99.0	99.2	99.4	99.4	99.4
≥ 300	75.5	91.2	94.9	96.0	97.6	98.2	98.7	98.7	98.7	99.4	99.5	99.5	99.7	99.8	99.8	99.8
≥ 200	75.5	91.2	94.9	96.0	97.6	98.2	98.7	98.7	98.7	99.5	99.7	99.7	99.9	100.0	100.0	100.0
≥ 100	75.5	91.2	94.9	96.0	97.6	98.2	98.7	98.7	98.7	99.5	99.7	99.7	99.9	100.0	100.0	100.0
≥ 0	75.5	91.2	94.9	96.0	97.6	98.2	98.7	98.7	98.7	99.5	99.7	99.7	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.8	69.0	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	70.0	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	70.1	75.7	76.0	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
≥ 16000	70.1	75.7	76.0	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
≥ 14000	71.0	76.6	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	73.2	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	78.4	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	78.4	84.9	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	79.1	85.8	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	79.5	86.1	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	79.5	86.2	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	80.0	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	80.6	87.6	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	80.9	88.2	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	81.3	88.6	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	82.2	89.7	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	83.3	91.0	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	84.4	92.4	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	84.7	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	86.2	94.7	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	86.6	95.7	96.1	96.2	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	87.0	96.2	96.7	96.8	97.0	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	87.0	96.5	97.0	97.2	97.5	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	87.1	96.6	97.2	97.4	98.0	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	87.1	96.7	97.3	97.5	98.1	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	87.2	96.9	97.5	97.7	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	87.2	96.9	97.5	98.0	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	87.2	96.9	97.5	98.0	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	87.2	96.9	97.5	98.0	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	87.2	96.9	97.5	98.0	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	87.2	96.9	97.5	98.0	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	87.2	96.9	97.5	98.0	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	73.8	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	73.9	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	73.9	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	74.9	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000	77.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	82.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	82.8	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	83.8	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	84.1	86.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	84.2	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 5000	85.1	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	85.4	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	86.8	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	90.3	90.3
≥ 3500	90.0	93.0	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	92.0	95.3	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	93.1	96.5	96.9	97.0	97.0	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	93.9	97.3	97.8	98.0	98.0	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	94.0	97.4	98.0	98.1	98.1	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.5	98.6
≥ 1500	94.4	98.0	98.5	98.7	98.7	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	94.7	98.3	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	94.7	98.3	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	94.7	98.3	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	94.7	98.3	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	94.7	98.3	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	94.7	98.3	98.8	99.0	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.7	98.4	98.9	99.1	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	94.7	98.4	98.9	99.1	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.7	98.4	98.9	99.1	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.7	98.4	98.9	99.1	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.7	98.4	98.9	99.1	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.7	98.4	98.9	99.1	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	76.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	77.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	77.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	78.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	80.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	85.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	85.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	87.4	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000	88.2	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	88.3	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	89.4	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	89.8	91.7	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	92.3	94.6	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 3500	93.8	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 3000	94.8	97.5	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 2500	95.2	98.1	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.4
≥ 2000	95.3	98.2	98.6	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 1800	95.3	98.2	98.6	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 1500	95.4	98.3	98.7	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 1200	95.4	98.3	98.7	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 1000	95.5	98.4	98.8	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 900	95.5	98.4	98.8	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 800	95.5	98.4	98.8	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 700	95.5	98.4	98.8	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 600	95.5	98.4	98.8	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 500	95.6	98.5	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 400	95.6	98.5	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 300	95.6	98.5	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	95.6	98.5	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	95.6	98.5	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
0	95.6	98.5	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.6	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	79.1	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 18000	79.2	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	79.3	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 14000	80.2	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 12000	81.8	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	86.2	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	89.6	89.6
≥ 9000	86.3	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	88.2	91.0	91.9	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	88.8	91.6	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
≥ 6000	88.8	91.6	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
≥ 5000	90.5	93.6	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	90.7	94.0	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	92.1	95.5	96.4	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	92.3	95.9	97.0	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	92.6	96.8	98.1	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	92.9	97.2	98.5	98.8	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	92.9	97.3	98.6	98.9	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	92.9	97.3	98.6	98.9	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	92.9	97.3	98.6	98.9	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	93.0	97.4	98.7	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	93.3	97.7	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	93.3	97.7	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	93.3	97.7	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	93.3	97.7	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	93.4	97.8	99.1	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	93.5	98.0	99.2	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	93.5	98.0	99.2	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.5	98.0	99.2	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.5	98.0	99.2	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.5	98.0	99.2	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.5	98.0	99.2	99.7	99.7	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 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.8	81.3	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 20000	85.5	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000	85.5	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 16000	85.5	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 14000	86.2	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 12000	87.6	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 10000	90.1	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	90.6	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	91.7	94.0	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	92.1	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 6000	92.1	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	93.7	96.0	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	94.2	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	94.7	97.4	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	94.7	97.5	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	94.9	98.1	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	94.9	98.1	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	94.9	98.1	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	94.9	98.1	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	95.0	98.2	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	95.0	98.2	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	95.0	98.2	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	95.1	98.3	98.8	99.1	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	95.1	98.3	98.8	99.1	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	95.3	98.5	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	95.5	98.8	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.5	98.8	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.5	98.8	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.5	98.8	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.5	98.8	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.5	98.8	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.5	98.8	99.4	99.7	99.7	99.7	99.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.3	71.9	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
≥ 20000	75.3	79.1	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 18000	75.3	79.2	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	75.4	79.2	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 14000	76.2	80.0	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 12000	78.4	82.4	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	82.2	86.5	87.1	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	82.4	86.7	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	83.6	88.2	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000	84.0	88.7	89.5	89.7	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	84.2	88.8	89.6	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	85.2	90.0	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	85.6	90.6	91.4	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
≥ 4000	86.5	91.7	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	87.3	92.6	93.4	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	88.0	93.5	94.4	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 2500	88.5	94.1	95.1	95.4	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 2000	89.1	94.8	95.7	96.1	96.3	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	89.2	94.9	95.9	96.2	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	89.7	95.6	96.6	96.9	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 1200	90.0	96.1	97.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 1000	90.2	96.2	97.2	97.6	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 900	90.2	96.4	97.4	97.8	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	90.4	96.6	97.7	98.1	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 700	90.5	96.8	97.8	98.3	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	90.6	96.9	98.0	98.4	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	90.7	97.0	98.1	98.6	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	90.7	97.1	98.2	98.7	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	90.7	97.1	98.2	98.8	99.2	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	90.7	97.1	98.2	98.8	99.2	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.7	97.1	98.2	98.8	99.2	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	90.7	97.1	98.2	98.8	99.2	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.1	69.9	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	68.9	71.9	72.1	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	68.9	71.9	72.1	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	68.9	71.9	72.1	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	69.2	72.4	72.7	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	70.8	74.0	74.2	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	72.9	76.3	76.6	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	73.2	76.7	76.9	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	74.8	78.4	78.7	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	74.8	78.7	79.0	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	75.1	79.1	79.4	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	75.9	80.0	80.3	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	76.1	80.2	80.6	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	76.1	80.4	80.8	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	76.2	80.7	81.0	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	76.8	81.3	81.9	82.3	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	77.4	82.1	82.7	83.1	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	78.4	83.4	84.1	84.7	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	78.8	83.8	84.4	85.1	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1500	80.4	85.9	86.6	87.2	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	81.9	87.4	88.1	89.0	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	82.7	88.3	89.1	90.0	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	83.0	89.1	89.9	90.8	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	84.2	90.6	91.4	92.3	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	84.8	91.6	92.6	93.4	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	85.0	92.0	93.2	94.1	94.9	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	85.6	93.2	94.8	96.1	97.3	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	85.8	93.6	95.1	96.6	97.8	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	85.8	93.7	95.2	96.7	98.0	98.4	98.8	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	85.8	93.8	95.3	96.8	98.1	98.6	98.9	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	85.8	93.8	95.4	96.9	98.2	98.7	99.0	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	85.8	93.8	95.4	96.9	98.2	98.7	99.0	99.1	99.4	99.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (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	58.6	62.6	62.8	62.8	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 20000	59.8	64.1	64.3	64.3	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	59.8	64.1	64.3	64.3	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 16000	59.8	64.1	64.3	64.3	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000	60.3	65.0	65.2	65.2	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	62.2	67.1	67.3	67.3	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	63.8	69.2	69.4	69.4	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000	64.1	69.6	69.8	69.8	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	65.7	71.6	71.8	71.8	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	66.2	72.2	72.6	72.6	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	66.8	72.8	73.1	73.1	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	66.9	73.0	73.3	73.3	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	67.3	73.4	73.8	73.8	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	67.4	73.7	74.0	74.0	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	68.0	74.7	75.0	75.0	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	68.8	75.4	75.8	75.8	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	69.4	76.1	76.4	76.4	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	70.8	77.6	77.9	77.9	78.7	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1800	71.4	78.6	79.0	79.0	79.8	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	73.6	81.0	81.8	81.8	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1200	75.1	82.8	83.6	83.6	84.6	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1000	76.6	84.6	85.3	85.3	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900	77.1	85.6	86.3	86.3	87.3	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	78.2	87.7	88.6	88.7	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 700	78.8	88.8	89.9	90.1	91.2	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	80.0	90.2	91.8	92.0	93.1	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 500	80.6	91.8	93.6	94.1	95.4	95.6	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 400	80.6	92.6	94.3	94.9	96.2	96.3	96.7	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 300	80.7	92.8	94.6	95.3	96.8	96.9	97.7	98.0	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9
≥ 200	80.7	92.8	94.6	95.3	96.9	97.0	98.0	98.4	98.7	99.1	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	80.7	92.8	94.6	95.3	96.9	97.0	98.0	98.4	98.7	99.2	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	80.7	92.8	94.6	95.3	96.9	97.0	98.0	98.4	98.7	99.2	99.7	99.7	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.9	53.2	54.5	55.8	56.6	56.7	57.0	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3
≥ 20000	45.1	55.6	57.2	58.6	59.5	59.7	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 18000	45.1	55.8	57.2	58.6	59.5	59.7	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 16000	45.1	56.0	57.3	58.7	59.6	59.8	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4
≥ 14000	45.6	57.1	58.4	59.8	60.8	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6
≥ 12000	46.9	59.1	60.6	62.2	63.2	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.0
≥ 10000	48.8	61.4	63.3	65.0	66.1	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.9	66.9	66.9	66.9
≥ 9000	49.2	61.7	63.6	65.3	66.4	66.6	66.9	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 8000	50.6	63.8	66.0	67.6	68.7	69.0	69.3	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6
≥ 7000	50.9	64.2	66.3	68.0	69.1	69.3	69.6	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 6000	51.2	64.4	66.5	68.2	69.3	69.5	69.9	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 5000	51.9	65.5	67.6	69.3	70.4	70.6	71.0	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 4500	52.3	66.1	68.2	69.9	71.0	71.2	71.5	71.6	71.6	71.7	71.7	71.7	71.9	71.9	71.9	71.9
≥ 4000	52.5	66.3	68.4	70.1	71.2	71.4	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 3500	52.6	66.6	68.7	70.4	71.5	71.7	72.2	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5
≥ 3000	53.7	67.9	70.1	71.7	72.9	73.1	73.5	73.6	73.6	73.7	73.7	73.7	73.9	73.9	73.9	73.9
≥ 2500	54.7	69.0	71.2	72.9	74.0	74.2	74.6	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 2000	55.8	70.3	72.6	74.3	75.4	75.6	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 1800	56.5	71.0	73.3	75.0	76.1	76.4	76.9	77.0	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 1500	56.8	74.2	76.9	78.5	79.6	80.1	80.5	80.6	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 1200	59.8	75.8	78.4	80.3	81.8	82.2	82.6	82.8	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 1000	61.1	77.4	80.1	82.0	83.4	84.0	84.6	84.8	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 900	62.0	78.8	81.4	83.4	85.0	85.5	86.2	86.3	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 800	63.0	80.2	83.1	85.1	86.8	87.3	88.1	88.3	88.5	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 700	63.6	81.5	84.5	86.5	88.4	89.0	89.8	90.0	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 600	64.1	82.6	86.1	88.7	90.8	91.4	92.3	92.5	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 500	64.4	84.0	87.4	90.1	92.3	93.0	94.1	94.4	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 400	64.8	85.0	88.5	91.3	93.8	94.4	96.0	96.4	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.3
≥ 300	64.8	85.2	88.8	91.5	94.2	94.9	96.8	97.2	97.6	98.1	98.2	98.3	98.4	98.4	98.4	98.6
≥ 200	64.8	85.2	88.9	91.8	94.4	95.1	97.0	97.4	98.0	98.6	98.7	98.8	99.0	99.0	99.2	99.3
≥ 100	64.8	85.2	88.9	91.8	94.4	95.1	97.0	97.6	98.1	98.7	98.9	99.0	99.2	99.2	99.6	100.0
≥ 0	64.8	85.2	88.9	91.8	94.4	95.1	97.0	97.6	98.1	98.7	98.9	99.0	99.2	99.2	99.6	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.3	56.9	57.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	54.6	60.6	61.2	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	54.6	60.6	61.2	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	54.7	60.8	61.4	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	55.4	61.7	62.3	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	56.4	62.8	63.4	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 10000	59.1	66.8	67.4	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	59.2	67.1	67.8	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	60.7	69.3	70.3	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	61.3	70.0	71.0	71.9	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	62.0	70.9	71.9	72.8	73.2	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	62.4	71.3	72.3	73.2	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	63.0	71.9	72.9	73.8	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	63.1	72.0	73.0	73.9	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	63.7	72.7	73.7	74.7	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	65.0	74.0	75.0	76.0	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	67.6	77.3	78.3	79.3	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2000	70.6	80.6	81.7	82.8	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	71.7	81.7	82.8	84.0	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	74.0	84.4	85.6	86.8	87.2	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	75.9	87.0	88.2	89.4	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	76.8	88.3	89.7	90.9	91.4	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	77.2	89.1	90.4	91.8	92.4	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	77.4	89.7	91.0	92.4	93.3	93.6	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	77.7	90.4	91.9	93.6	94.4	94.7	94.8	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	77.8	91.0	92.4	94.7	95.6	95.8	96.0	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	77.8	91.3	92.9	95.3	96.3	96.7	97.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	77.8	91.4	93.1	95.8	96.8	97.2	97.7	98.7	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 300	77.8	91.4	93.1	95.8	96.9	97.3	98.0	99.1	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	77.8	91.4	93.1	95.8	96.9	97.3	98.0	99.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	77.8	91.4	93.1	95.8	96.9	97.3	98.0	99.1	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	77.8	91.4	93.1	95.8	96.9	97.3	98.0	99.1	99.2	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.9	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 20000	64.2	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	64.3	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	64.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	64.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	67.8	71.3	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	72.2	76.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	72.4	76.7	77.1	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
≥ 8000	73.3	77.9	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	73.9	78.7	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	79.4
≥ 6000	74.0	78.8	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	74.8	79.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	75.3	80.1	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	77.0	82.2	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	79.1	84.4	85.0	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	80.8	86.4	87.1	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	82.6	88.3	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	83.9	89.8	90.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	84.2	90.1	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	85.6	91.9	92.8	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
≥ 1200	85.9	92.4	93.4	94.0	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	86.4	93.2	94.3	94.9	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	86.7	93.6	94.8	95.3	95.[illegible]	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	86.7	93.9	95.1	95.9	95.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	86.7	94.6	95.8	96.7	97.2	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	86.7	95.1	96.3	97.2	97.8	98.0	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	86.7	95.3	96.6	97.9	98.6	98.8	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	86.7	95.3	96.7	98.0	98.7	98.9	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	86.7	95.3	96.7	98.0	98.8	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.7	95.3	96.7	98.0	98.8	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.7	95.3	96.7	98.0	98.8	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	86.7	95.3	96.7	98.0	98.8	99.0	99.2	99.6	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 66-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	69.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	69.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	69.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	69.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000	73.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	79.0	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	79.2	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	81.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	81.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	81.8	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 5000	82.7	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	83.2	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	85.0	89.8	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	86.1	90.9	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	87.0	92.2	92.4	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	87.6	93.2	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	88.3	94.7	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	88.4	94.9	95.2	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	89.9	96.4	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	90.0	96.6	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	90.2	96.9	97.2	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	90.3	97.1	97.4	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	90.3	97.2	97.6	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	90.6	97.7	98.0	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	90.6	97.7	98.1	98.7	98.8	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	90.6	97.7	98.1	98.8	98.9	98.9	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	90.6	97.7	98.1	98.8	98.9	98.9	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	90.6	97.7	98.1	98.8	98.9	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.6	97.7	98.1	98.8	98.9	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.6	97.7	98.1	98.8	98.9	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.6	97.7	98.1	98.8	98.9	98.9	99.2	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	71.9	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	72.1	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	72.1	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	72.6	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	75.4	78.8	79.0	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
≥ 10000	80.8	85.0	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	81.0	85.2	85.4	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
≥ 8000	83.2	87.7	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	83.4	87.9	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	83.6	88.0	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	85.0	89.7	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	86.2	91.0	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	87.0	92.0	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	87.7	92.8	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	88.9	94.1	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	89.4	95.2	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	89.9	95.8	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	90.0	96.0	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	90.3	96.3	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	90.7	96.7	97.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	90.7	96.9	97.4	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	90.8	97.0	97.6	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	90.8	97.2	97.8	98.0	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	90.9	97.4	98.0	98.4	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	90.9	97.4	98.0	98.4	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	90.9	97.6	98.1	98.6	99.1	99.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	90.9	97.6	98.1	98.6	99.1	99.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	90.9	97.6	98.1	98.6	99.1	99.1	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	90.9	97.6	98.1	98.6	99.1	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	90.9	97.6	98.1	98.6	99.1	99.1	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.9	97.6	98.1	98.6	99.1	99.1	99.2	99.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 20000	73.8	77.4	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	73.8	77.4	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	73.8	77.4	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	74.1	77.8	78.2	78.4	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	76.3	80.1	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	79.1	83.2	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 9000	79.3	83.4	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000	81.4	85.9	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	81.8	86.2	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 6000	81.9	86.3	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	83.4	88.3	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	84.1	89.0	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	84.4	89.6	90.1	90.3	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	84.8	90.0	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	85.2	90.7	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	85.6	91.2	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	86.6	92.2	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	87.0	92.8	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	87.3	93.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	88.1	94.2	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	88.4	94.6	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	88.4	94.7	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	88.8	95.2	96.3	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	88.9	95.6	96.7	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	88.9	95.6	96.8	97.3	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	89.0	95.8	97.0	97.8	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	89.0	96.3	97.6	98.3	99.1	99.2	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	89.0	96.3	97.6	98.3	99.1	99.2	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.0	96.3	97.6	98.3	99.1	99.2	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.0	96.3	97.6	98.3	99.1	99.2	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.0	96.3	97.6	98.3	99.1	99.2	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.	63.2	63.7	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	63.4	67.9	68.4	68.7	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 18000	63.5	68.0	68.4	68.7	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	63.5	68.1	68.5	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000	64.0	68.8	69.2	69.5	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 12000	66.2	71.2	71.7	72.1	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 10000	69.5	75.2	75.7	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 9000	69.7	75.4	76.0	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	71.3	77.5	78.1	78.5	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	71.7	78.0	78.6	79.0	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 6000	72.0	78.3	79.0	79.4	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	72.9	79.3	80.0	80.5	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	73.5	80.0	80.6	81.1	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 4000	74.1	80.7	81.4	81.9	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	74.8	81.6	82.3	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
≥ 3000	75.8	82.8	83.5	84.0	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	76.6	84.1	84.9	85.4	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	78.0	85.5	86.4	86.9	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	78.5	86.1	87.0	87.6	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	80.0	87.9	88.9	89.5	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	80.9	89.1	90.1	90.8	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	81.6	90.0	91.1	91.8	92.4	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	81.9	90.6	91.7	92.4	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	82.4	91.5	92.6	93.4	94.1	94.2	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	82.7	92.2	93.4	94.3	95.1	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 600	83.0	92.7	94.1	95.1	96.0	96.2	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	83.2	93.3	94.8	96.1	97.1	97.3	97.6	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 400	83.3	93.7	95.2	96.5	97.5	97.8	98.2	98.5	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	83.3	93.7	95.3	96.6	97.7	98.0	98.5	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 200	83.3	93.8	95.3	96.7	97.8	98.0	98.6	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	83.3	93.8	95.3	96.7	97.8	98.0	98.6	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	83.3	93.8	95.3	96.7	97.8	98.0	98.6	99.1	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.5	66.6	67.0	67.0	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
≥ 20000	68.1	69.2	69.7	69.7	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 18000	68.1	69.2	69.7	69.7	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 16000	68.1	69.2	69.7	69.7	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 14000	68.1	69.2	69.7	69.7	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 12000	69.5	70.6	71.1	71.1	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
≥ 10000	71.1	72.3	72.7	72.7	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
≥ 9000	71.3	72.5	72.9	72.9	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
≥ 8000	73.0	74.4	75.1	75.1	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
≥ 7000	73.4	74.8	75.5	75.5	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9
≥ 6000	73.8	75.3	75.9	76.0	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5
≥ 5000	75.3	77.1	77.7	77.8	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 4500	75.3	77.1	77.7	77.8	77.8	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4
≥ 4000	75.5	77.3	78.0	78.1	78.1	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 3500	76.0	78.1	78.7	78.8	78.9	79.0	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6
≥ 3000	77.0	79.2	80.0	80.1	80.2	80.3	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9
≥ 2500	78.2	80.4	81.3	81.4	81.5	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2
≥ 2000	79.8	82.4	83.2	83.3	83.4	83.5	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
≥ 1800	80.3	82.9	83.8	83.9	84.0	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 1500	82.6	85.5	86.6	86.7	86.8	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 1200	85.7	89.0	90.1	90.4	90.5	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
≥ 1000	87.0	90.8	91.9	92.3	92.4	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 900	87.5	91.6	92.9	93.2	93.3	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 800	88.3	92.9	94.2	94.5	94.7	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 700	88.7	93.7	95.3	95.7	96.0	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 600	88.7	93.7	95.4	96.0	96.5	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 500	88.9	94.3	96.1	96.9	97.8	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 400	89.0	94.4	96.2	97.0	98.1	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 300	89.0	94.5	96.6	97.5	98.6	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 200	89.0	94.5	96.7	97.6	98.7	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 100	89.0	94.5	96.7	97.6	98.7	99.0	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 0	89.0	94.5	96.7	97.6	98.7	99.0	99.2	99.6	99.6	99.6	99.7	99.7	99.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.0	62.5	63.1	63.3	63.5	63.7	63.8	63.8	63.8	63.9	64.1	64.1	64.1	64.2	64.4	64.5
≥ 20000	59.9	64.5	65.2	65.4	65.6	65.7	65.8	65.8	65.8	65.9	66.1	66.1	66.1	66.2	66.5	66.6
≥ 18000	59.9	64.5	65.2	65.4	65.6	65.7	65.8	65.8	65.8	65.9	66.1	66.1	66.1	66.2	66.5	66.6
≥ 16000	59.9	64.5	65.2	65.4	65.6	65.7	65.8	65.8	65.8	65.9	66.1	66.1	66.1	66.2	66.5	66.6
≥ 14000	59.9	64.5	65.2	65.4	65.6	65.7	65.8	65.8	65.8	65.9	66.1	66.1	66.1	66.2	66.5	66.6
≥ 12000	61.0	65.6	66.2	66.5	66.7	66.8	66.9	66.9	66.9	67.0	67.2	67.2	67.2	67.3	67.5	67.6
≥ 10000	63.4	68.2	68.8	69.0	69.2	69.4	69.5	69.5	69.5	69.6	69.8	69.8	69.8	69.9	70.1	70.2
≥ 9000	63.4	68.2	68.8	69.0	69.2	69.4	69.5	69.5	69.5	69.6	69.8	69.8	69.8	69.9	70.1	70.2
≥ 8000	64.3	69.4	70.0	70.2	70.4	70.5	70.6	70.6	70.6	70.8	71.0	71.0	71.0	71.1	71.3	71.4
≥ 7000	64.7	69.8	70.4	70.6	70.9	71.0	71.1	71.1	71.1	71.2	71.4	71.4	71.4	71.5	71.7	71.8
≥ 6000	65.4	70.4	71.1	71.3	71.5	71.6	71.7	71.7	71.7	71.8	72.0	72.0	72.0	72.2	72.4	72.5
≥ 5000	66.7	71.9	72.8	73.0	73.2	73.3	73.4	73.4	73.4	73.5	73.8	73.8	73.8	73.9	74.1	74.2
≥ 4500	66.8	72.0	73.1	73.3	73.5	73.7	73.8	73.8	73.8	73.9	74.1	74.1	74.1	74.2	74.4	74.5
≥ 4000	67.3	72.7	74.0	74.2	74.4	74.5	74.6	74.6	74.6	74.7	74.9	74.9	74.9	75.1	75.3	75.4
≥ 3500	68.1	73.7	74.9	75.2	75.4	75.5	75.6	75.6	75.6	75.7	75.9	75.9	75.9	76.0	76.2	76.3
≥ 3000	69.1	74.7	76.0	76.3	76.6	76.7	76.8	76.8	76.8	76.9	77.1	77.1	77.1	77.2	77.4	77.5
≥ 2500	69.4	75.2	76.5	76.8	77.1	77.2	77.3	77.3	77.3	77.4	77.6	77.6	77.6	77.7	78.0	78.1
≥ 2000	71.4	77.5	78.8	79.2	79.6	79.7	79.8	79.8	79.8	79.9	80.1	80.1	80.1	80.2	80.4	80.5
≥ 1800	72.4	78.6	79.9	80.3	80.6	80.8	80.9	80.9	80.9	81.0	81.2	81.2	81.2	81.3	81.5	81.6
≥ 1500	74.2	81.4	82.8	83.2	83.7	83.8	83.9	83.9	83.9	84.0	84.2	84.2	84.2	84.3	84.5	84.6
≥ 1200	76.5	84.6	86.0	86.5	86.9	87.0	87.1	87.1	87.1	87.2	87.4	87.4	87.4	87.5	87.7	87.8
≥ 1000	77.4	86.7	88.1	88.6	89.2	89.4	89.5	89.5	89.5	89.6	89.8	89.8	89.8	89.9	90.1	90.2
≥ 900	78.1	87.8	89.4	89.9	90.5	90.6	90.8	90.8	90.8	90.9	91.1	91.1	91.1	91.2	91.4	91.5
≥ 800	79.0	89.9	91.5	92.0	92.7	92.8	92.9	92.9	92.9	93.0	93.2	93.2	93.2	93.3	93.5	93.7
≥ 700	79.5	91.2	92.9	93.4	94.1	94.2	94.3	94.3	94.3	94.4	94.6	94.6	94.6	94.7	94.9	95.1
≥ 600	79.5	91.4	93.2	93.8	94.5	94.6	94.8	94.8	94.8	94.9	95.2	95.2	95.2	95.3	95.5	95.6
≥ 500	79.6	91.8	93.9	94.6	95.5	95.6	95.9	95.9	95.9	96.0	96.2	96.2	96.2	96.3	96.6	96.7
≥ 400	79.8	92.3	94.3	95.1	96.0	96.1	96.6	96.6	96.6	96.7	96.9	96.9	96.9	97.0	97.2	97.3
≥ 300	79.9	92.4	94.4	95.5	96.6	96.7	97.6	97.6	97.6	97.7	98.0	98.0	98.0	98.1	98.3	98.4
≥ 200	79.9	92.4	94.5	95.6	96.7	96.8	97.8	97.8	98.1	98.3	98.6	98.6	98.6	98.7	98.9	99.0
≥ 100	79.9	92.4	94.5	95.6	96.7	96.8	97.8	97.8	98.1	98.3	99.0	99.0	99.1	99.4	99.8	99.9
0	79.9	92.4	94.5	95.6	96.7	96.8	97.8	97.8	98.1	98.3	99.0	99.0	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.6	53.1	55.1	55.5	55.8	56.1	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
≥ 20000	48.6	55.2	57.1	57.5	57.8	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 18000	48.6	55.2	57.1	57.5	57.8	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 16000	48.6	55.2	57.1	57.5	57.8	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 14000	48.6	55.2	57.1	57.5	57.8	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 12000	50.0	56.6	58.5	58.9	59.2	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0
≥ 10000	51.3	57.8	59.8	60.2	60.5	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4
≥ 9000	51.6	58.2	60.1	60.5	60.9	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
≥ 8000	52.9	59.7	61.8	62.4	62.7	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5
≥ 7000	54.0	60.8	62.9	63.4	63.8	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
≥ 6000	54.6	61.4	63.5	64.1	64.4	64.8	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 5000	56.3	63.9	66.0	66.8	67.2	67.6	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 4500	56.6	64.3	66.5	67.2	67.6	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 4000	57.4	65.3	67.5	68.3	68.7	69.1	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 3500	58.4	66.3	68.6	69.4	69.8	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
≥ 3000	59.4	67.8	70.1	70.9	71.3	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2
≥ 2500	60.3	69.7	72.0	72.9	73.3	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2
≥ 2000	61.4	71.3	73.8	74.6	75.3	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 1800	61.9	72.0	74.5	75.4	76.0	76.5	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
≥ 1500	63.8	74.8	77.6	78.5	79.1	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 1200	65.7	77.7	80.8	81.7	82.6	83.0	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7
≥ 1000	66.1	78.7	82.0	83.1	84.4	84.9	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8
≥ 900	66.5	79.4	82.7	83.8	85.1	85.6	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 800	66.8	80.5	83.9	85.4	86.6	87.1	87.6	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5
≥ 700	66.9	81.2	84.5	85.9	87.3	87.8	88.7	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 600	67.0	81.6	84.9	86.6	88.2	88.7	89.7	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 500	67.3	82.4	86.0	87.6	89.6	90.1	91.3	91.8	92.3	92.4	92.4	92.4	92.5	92.5	92.6	92.6
≥ 400	67.3	82.4	86.1	88.0	90.2	90.8	92.3	93.2	93.8	94.0	94.0	94.0	94.1	94.1	94.2	94.2
≥ 300	67.3	82.5	86.5	88.5	90.9	91.6	93.4	94.8	95.5	95.7	95.9	95.9	96.2	96.5	96.6	96.6
≥ 200	67.3	82.5	86.5	88.6	91.3	92.0	94.0	95.6	96.2	96.6	96.9	96.9	97.8	98.2	98.7	98.8
≥ 100	67.3	82.5	86.5	88.6	91.3	92.0	94.0	95.6	96.2	96.7	97.2	97.2	98.4	98.8	99.6	99.8
≥ 0	67.3	82.5	86.5	88.6	91.3	92.0	94.0	95.6	96.2	96.7	97.2	97.2	98.4	98.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.7	56.0	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	56.7	59.7	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	56.2	59.7	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16600	56.2	59.7	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	56.9	60.4	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	58.0	61.5	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	59.6	63.5	63.9	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	60.3	64.3	64.6	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	61.9	66.1	66.5	66.5	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	62.9	67.1	67.4	67.4	67.6	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	63.0	67.4	67.7	67.7	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	64.5	69.2	69.8	69.8	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	65.2	70.0	70.6	70.6	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	65.8	71.0	71.7	71.7	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	66.7	71.9	72.7	72.7	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3000	67.6	73.0	73.8	73.8	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500	70.2	76.1	76.9	76.9	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	72.0	78.5	79.4	79.4	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	73.0	79.5	80.3	80.3	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1500	75.5	82.6	83.7	83.8	84.1	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	77.6	85.9	87.1	87.3	88.0	88.2	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	78.2	87.7	89.1	89.4	90.0	90.2	90.3	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8
≥ 900	78.4	88.2	89.7	89.9	90.8	91.0	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	78.9	89.2	91.0	91.2	92.0	92.4	92.5	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	79.0	89.8	91.6	92.3	93.1	93.4	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	79.2	90.3	92.3	93.0	93.9	94.2	94.4	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	79.7	91.1	93.2	94.3	95.5	95.9	96.5	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	79.7	91.1	93.5	94.7	96.0	96.6	97.1	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	79.7	91.1	93.5	94.8	96.1	96.9	97.4	98.4	98.5	98.7	99.0	99.0	99.0	99.0	99.1	99.1
≥ 200	79.7	91.1	93.5	94.8	96.1	96.9	97.5	98.5	98.6	98.8	99.2	99.4	99.5	99.5	99.7	99.7
≥ 100	79.7	91.1	93.5	94.8	96.1	96.9	97.5	98.5	98.6	98.9	99.4	99.5	99.6	99.6	99.8	99.9
≥ 0	79.7	91.1	93.5	94.8	96.1	96.9	97.5	98.5	98.6	98.9	99.4	99.5	99.6	99.7	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	67.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	67.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	67.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000	68.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 12000	69.2	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	72.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	72.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	74.5	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	74.8	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	75.6	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	76.8	79.8	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	77.3	80.3	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	78.3	81.3	81.5	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
≥ 3500	79.1	82.2	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	81.5	84.5	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	84.6	88.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	86.2	90.0	90.3	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	86.7	90.6	91.0	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	88.2	92.9	93.2	93.3	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	89.1	94.6	95.3	95.4	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	89.6	95.1	95.8	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	89.9	95.6	96.3	96.5	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	90.0	96.1	97.0	97.1	97.3	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	90.2	96.5	97.3	97.4	97.6	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	90.5	97.2	98.1	98.3	98.5	98.5	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	90.5	97.3	98.3	98.7	99.0	99.0	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	90.5	97.3	98.3	98.8	99.1	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	90.5	97.3	98.3	98.8	99.1	99.1	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.5	97.3	98.3	98.8	99.1	99.1	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.5	97.3	98.3	98.8	99.1	99.1	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.5	97.3	98.3	98.8	99.1	99.1	99.2	99.5	99.8	99.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	73.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	79.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	80.1	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	81.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000	82.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	83.0	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	84.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	84.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	86.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	87.1	89.0	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	88.5	90.6	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	89.5	91.8	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	90.8	93.7	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	91.2	94.1	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	91.8	95.2	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	92.6	96.7	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	92.9	97.0	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	92.9	97.0	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	92.9	97.0	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	92.9	97.0	97.8	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	93.0	97.1	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	93.1	97.4	98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	93.1	97.5	98.8	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.1	97.5	98.8	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.1	97.5	98.8	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.1	97.5	98.8	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.1	97.5	98.8	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000	75.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	75.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	75.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 14000	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	77.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	83.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	84.1	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	84.9	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	85.9	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	86.2	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	87.1	89.1	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	87.8	90.1	90.3	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	88.8	91.2	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	89.7	92.2	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	90.4	93.2	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	90.5	93.3	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	91.9	94.9	95.5	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	92.0	95.3	95.8	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	92.7	96.0	96.6	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	92.8	96.2	96.8	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
≥ 800	92.9	96.5	97.0	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	92.9	96.5	97.2	97.6	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	92.9	96.5	97.3	97.7	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	92.9	96.7	97.5	98.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	92.9	96.8	97.7	98.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.9	96.8	97.8	98.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.9	96.8	97.8	98.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.9	96.8	97.8	98.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.9	96.8	97.8	98.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (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	72.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	75.5	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	77.3	77.3
≥ 18000	75.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	75.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	75.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	76.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	78.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	78.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	80.5	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	82.4	82.4
≥ 7000	81.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	81.5	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	82.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 4500	83.0	85.5	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 4000	83.1	85.7	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 3500	84.1	87.0	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 3000	84.7	87.8	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 2500	85.4	88.6	89.0	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 2000	87.0	90.2	90.6	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 1800	87.4	90.6	91.1	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1500	89.1	92.4	92.8	92.8	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 1200	90.5	94.2	94.4	94.4	94.8	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1000	90.8	94.7	95.2	95.2	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 900	90.9	94.8	95.3	95.3	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 800	91.2	95.2	95.7	95.8	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 700	91.4	95.4	95.9	96.1	96.8	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 600	91.4	95.5	96.1	96.5	97.1	97.2	97.4	97.5	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8
≥ 500	91.5	96.1	96.8	97.2	98.3	98.4	98.8	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2
≥ 400	91.5	96.1	96.8	97.3	98.5	98.6	99.0	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7
≥ 300	91.5	96.1	96.8	97.3	98.5	98.6	99.0	99.2	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8
≥ 200	91.5	96.1	96.8	97.3	98.5	98.6	99.0	99.2	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8
≥ 100	91.5	96.1	96.8	97.3	98.5	98.6	99.0	99.2	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9
0	91.5	96.1	96.8	97.3	98.5	98.6	99.0	99.2	99.5	99.5	99.6	99.7	99.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.4	64.9	65.3	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
≥ 20000	65.5	68.2	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	65.6	68.2	68.6	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 16000	65.6	68.2	68.6	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 14000	65.8	68.4	68.8	68.9	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3
≥ 12000	67.1	69.7	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
≥ 10000	69.6	72.3	72.7	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 9000	69.8	72.5	73.0	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4
≥ 8000	71.6	74.6	75.1	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	72.2	75.2	75.7	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	72.7	75.9	76.4	76.5	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
≥ 5000	74.0	77.6	78.3	78.4	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
≥ 4500	74.4	78.0	78.7	78.8	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 4000	75.1	78.8	79.5	79.7	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3
≥ 3500	75.9	79.8	80.5	80.7	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
≥ 3000	77.1	81.1	81.9	82.1	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7
≥ 2500	78.4	82.8	83.6	83.8	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 2000	79.9	84.6	85.5	85.7	86.0	86.1	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5
≥ 1800	80.4	85.2	86.1	86.3	86.6	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1
≥ 1500	82.1	87.5	88.5	88.7	89.1	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6
≥ 1200	83.7	89.7	90.9	91.2	91.6	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1
≥ 1000	84.3	90.8	92.1	92.4	92.9	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 900	84.6	91.3	92.6	92.9	93.5	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 800	85.0	92.2	93.5	93.9	94.5	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 700	85.2	92.6	94.1	94.6	95.2	95.4	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 600	85.3	92.9	94.4	95.0	95.7	95.9	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6
≥ 500	85.4	93.4	95.0	95.8	96.8	97.0	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9
≥ 400	85.5	93.5	95.2	96.1	97.2	97.4	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5
≥ 300	85.5	93.5	95.3	96.3	97.4	97.6	98.2	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.2	99.2
≥ 200	85.5	93.5	95.4	96.4	97.5	97.7	98.3	98.8	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.6
≥ 100	85.5	93.5	95.4	96.4	97.5	97.7	98.3	98.8	99.0	99.1	99.4	99.4	99.6	99.7	99.9	99.9
0	85.5	93.5	95.4	96.4	97.5	97.7	98.3	98.8	99.0	99.1	99.4	99.4	99.6	99.7	99.9	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.6	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4
≥ 20000	63.8	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥ 18000	63.8	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥ 16000	63.8	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.7
≥ 14000	64.0	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9
≥ 12000	64.1	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1
≥ 10000	64.9	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9
≥ 9000	65.0	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 8000	65.7	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7
≥ 7000	66.1	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1
≥ 6000	66.8	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0
≥ 5000	68.7	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 4500	70.4	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 4000	71.3	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 3500	73.0	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9
≥ 3000	74.1	75.3	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 2500	75.4	77.0	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 2000	78.0	80.0	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2
≥ 1800	79.6	81.6	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 1500	81.2	83.8	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 1200	84.2	87.8	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 1000	84.9	89.3	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 900	85.7	89.9	90.6	90.7	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 800	86.0	90.9	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 700	86.3	92.1	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6
≥ 600	86.4	92.8	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 500	86.6	93.4	94.9	95.3	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 400	86.6	93.6	95.1	95.7	96.3	96.3	96.6	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0
≥ 300	86.6	93.6	95.2	95.8	96.6	96.6	96.8	96.9	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.6
≥ 200	86.6	93.6	95.2	95.8	96.6	96.6	96.8	97.0	97.0	97.3	97.8	97.8	98.0	98.0	98.0	98.2
≥ 100	86.6	93.6	95.2	95.8	96.6	96.6	96.8	97.1	97.1	97.6	98.0	98.0	98.6	98.9	99.2	99.4
0	86.6	93.6	95.2	95.8	96.6	96.6	96.8	97.1	97.1	97.6	98.0	98.0	98.6	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 66-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.7	60.9	61.4	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.9	62.1	62.1	62.1	62.4
≥ 20000	60.9	62.1	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.3	63.3	63.3	63.7
≥ 18000	60.9	62.1	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.3	63.3	63.3	63.7
≥ 16000	60.9	62.1	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.3	63.3	63.3	63.7
≥ 14000	61.0	62.2	62.8	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.4	63.4	63.4	63.8
≥ 12000	61.0	62.2	62.8	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.4	63.4	63.4	63.8
≥ 10000	61.7	62.9	63.4	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.9	63.9	64.1	64.1	64.1	64.4
≥ 9000	61.8	63.0	63.6	63.7	63.8	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.2	64.2	64.2	64.6
≥ 8000	62.0	63.2	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.4	64.4	64.4	64.8
≥ 7000	62.6	63.8	64.3	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	65.0	65.0	65.0	65.3
≥ 6000	63.9	65.2	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.7	66.7	66.7	67.1
≥ 5000	65.1	66.4	67.3	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.8	67.8	68.0	68.0	68.0	68.3
≥ 4500	65.9	67.3	68.2	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.9	68.9	68.9	69.2
≥ 4000	67.0	69.2	70.1	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.8	70.8	70.8	71.1
≥ 3500	68.1	70.6	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.1	72.1	72.1	72.4
≥ 3000	69.6	72.2	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.6	73.6	73.8	73.8	73.8	74.1
≥ 2500	70.4	73.6	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.3	75.3	75.3	75.7
≥ 2000	72.6	75.9	76.9	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.7	77.7	77.9	77.9	77.9	78.2
≥ 1800	74.7	78.0	79.1	79.4	79.7	79.7	79.7	79.8	79.8	79.8	80.0	80.0	80.2	80.2	80.2	80.6
≥ 1500	77.1	81.6	82.7	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.6	83.6	83.8	83.8	83.8	84.1
≥ 1200	79.2	84.7	85.9	86.2	86.4	86.4	86.4	86.6	86.6	86.6	86.8	86.8	87.0	87.0	87.0	87.3
≥ 1000	80.1	86.1	87.4	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.6	88.6	88.8	88.8	88.8	89.1
≥ 900	81.0	87.3	88.9	89.4	89.7	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.3	90.3	90.3	90.7
≥ 800	81.3	87.9	89.4	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.7	90.7	90.9	90.9	90.9	91.2
≥ 700	81.9	89.6	91.2	91.8	92.1	92.3	92.3	92.4	92.4	92.4	92.7	92.7	92.9	92.9	92.9	93.2
≥ 600	82.0	90.1	92.2	92.8	93.1	93.3	93.3	93.6	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.3
≥ 500	82.0	90.9	93.1	93.7	94.1	94.4	94.4	94.7	94.7	94.7	95.1	95.1	95.3	95.3	95.3	95.7
≥ 400	82.0	91.0	93.3	94.1	94.6	95.0	95.2	95.4	95.4	95.6	96.0	96.0	96.2	96.2	96.2	96.6
≥ 300	82.0	91.0	93.4	94.2	94.7	95.2	95.7	96.1	96.3	96.6	97.1	97.1	97.3	97.3	97.3	97.9
≥ 200	82.0	91.0	93.4	94.2	94.7	95.2	95.7	96.1	96.4	96.8	97.4	97.6	98.1	98.2	98.2	99.0
≥ 100	82.0	91.0	93.4	94.2	94.7	95.2	95.7	96.1	96.4	96.8	97.4	97.6	98.3	98.4	98.8	99.6
≥ 0	82.0	91.0	93.4	94.2	94.7	95.2	95.7	96.1	96.4	96.8	97.4	97.6	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥ 0	≥0
NO CEILING	50.7	54.8	55.6	55.9	56.3	56.3	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.1
≥ 20000	52.3	56.6	57.6	57.9	58.3	58.3	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.1
≥ 18000	52.3	56.6	57.6	57.9	58.3	58.3	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.1
≥ 16000	52.3	56.6	57.6	57.9	58.3	58.3	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.1
≥ 14000	52.4	56.7	57.7	58.0	58.4	58.4	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.2
≥ 12000	52.9	57.2	58.2	58.7	59.1	59.1	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.9
≥ 10000	54.4	58.9	59.9	60.3	60.8	60.8	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.6
≥ 9000	54.4	58.9	59.9	60.3	60.8	60.8	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.6
≥ 8000	55.4	59.9	60.9	61.3	61.8	61.8	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.6
≥ 7000	56.2	60.9	61.9	62.3	62.8	62.8	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.6
≥ 6000	57.7	62.8	63.8	64.2	64.7	64.7	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.4
≥ 5000	58.3	63.4	64.8	65.2	65.7	65.7	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.4
≥ 4500	59.4	64.7	66.0	66.4	66.9	66.9	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.7
≥ 4000	60.2	65.9	67.2	67.8	68.2	68.2	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	69.0
≥ 3500	61.3	67.2	68.7	69.2	69.7	69.7	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.4
≥ 3000	62.2	68.3	69.8	70.4	70.9	70.9	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.7
≥ 2500	64.0	70.2	71.8	72.4	72.9	72.9	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.7
≥ 2000	66.7	73.1	74.9	75.6	76.0	76.0	76.3	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.8
≥ 1800	68.0	74.7	76.4	77.1	77.6	77.6	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.3
≥ 1500	70.4	77.9	79.7	80.3	80.8	80.8	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.6
≥ 1200	72.4	80.6	82.3	83.0	83.6	83.6	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.4
≥ 1000	73.3	81.9	83.8	84.4	85.0	85.0	85.4	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	86.0
≥ 900	74.6	84.0	85.9	86.7	87.2	87.3	87.8	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.3
≥ 800	74.6	84.4	86.7	87.7	88.3	88.4	88.9	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.4
≥ 700	74.7	85.6	88.1	89.4	90.2	90.4	90.9	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.4
≥ 600	74.8	85.9	88.6	89.9	90.8	91.0	91.4	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	92.0
≥ 500	74.8	86.4	89.4	90.9	92.1	92.3	92.8	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.4
≥ 400	74.9	86.7	89.7	91.2	92.8	93.1	93.9	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.6	94.8
≥ 300	74.9	86.7	89.7	91.2	93.0	93.3	94.6	95.2	95.7	96.0	96.3	96.3	96.3	96.3	96.4	96.8
≥ 200	74.9	86.7	89.7	91.2	93.0	93.3	94.6	95.4	96.2	96.9	97.4	97.4	97.7	97.7	98.2	98.6
≥ 100	74.9	86.7	89.7	91.2	93.0	93.3	94.6	95.4	96.2	97.0	97.7	97.7	97.9	97.9	98.9	99.4
≥ 0	74.9	86.7	89.7	91.2	93.0	93.3	94.6	95.4	96.2	97.0	97.7	97.7	97.9	98.0	99.1	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (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	52.3	55.1	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
≥ 20000	54.3	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	54.3	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	54.3	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	54.4	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	55.4	58.4	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
≥ 10000	57.1	60.6	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 9000	57.2	60.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	58.3	61.8	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000	59.6	63.0	63.4	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
≥ 6000	60.2	63.8	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	60.6	64.1	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4500	61.8	65.3	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	62.6	66.3	67.1	67.2	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3500	63.9	67.7	68.6	68.7	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 3000	65.3	69.1	70.0	70.4	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	68.6	72.4	73.3	73.9	74.1	74..	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	71.4	75.7	76.6	77.1	77.3	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800	72.3	77.1	78.0	78.6	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1500	76.7	82.1	83.0	83.6	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	78.6	84.9	85.8	86.3	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	79.3	86.3	87.3	87.9	88.1	88.2	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	79.7	87.7	89.4	90.0	90.2	90.3	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 800	79.9	88.3	90.3	90.9	91.3	91.4	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	80.2	89.0	91.0	91.9	92.3	92.4	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	80.7	89.8	91.8	92.7	93.3	93.4	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	80.8	90.1	92.1	93.1	94.0	94.1	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	80.9	90.3	92.6	93.7	94.8	95.0	95.7	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	81.1	90.6	92.8	93.9	95.2	95.4	96.3	96.6	97.2	97.3	97.3	97.3	97.9	97.9	97.9	97.9
≥ 200	81.1	90.6	92.8	93.9	95.2	95.4	96.3	96.6	97.3	97.6	98.0	98.0	98.6	98.7	99.1	99.1
≥ 100	81.1	90.6	92.8	93.9	95.2	95.4	96.3	96.6	97.3	97.6	98.0	98.0	98.7	98.8	99.2	99.6
≥ 0	81.1	90.6	92.8	93.9	95.2	95.4	96.3	96.6	97.3	97.6	98.0	98.0	98.7	98.8	99.4	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 66-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.4	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	60.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	60.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	60.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	60.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	65.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 9000	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	67.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	67.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	69.2	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	70.4	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	70.7	72.3	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
≥ 4000	71.7	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	74.4	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3000	77.1	79.1	79.2	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500	81.6	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2000	83.9	86.1	86.2	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	85.4	87.7	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	86.7	89.2	89.4	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	87.7	91.6	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	87.9	92.7	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 900	87.9	92.9	93.1	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	88.2	93.9	94.1	94.2	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	88.3	94.6	94.9	95.0	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	88.4	94.9	95.3	95.6	95.9	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	88.6	95.1	95.9	96.4	97.3	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	88.6	95.3	96.2	96.8	97.7	98.0	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	88.6	95.3	96.3	96.9	97.8	98.1	98.6	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4
≥ 200	88.6	95.3	96.3	96.9	97.8	98.1	98.6	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.6	99.6
≥ 100	88.6	95.3	96.3	96.9	97.8	98.1	98.6	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.6	100.0
≥ 0	88.6	95.3	96.3	96.9	97.8	98.1	98.6	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.3	61.8	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	65.1	65.7	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 18000	65.2	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	65.2	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	65.9	66.4	66.4	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	67.3	67.9	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000	71.0	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000	71.0	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000	72.4	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	73.7	74.6	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	75.1	76.1	76.1	76.2	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	76.6	77.6	77.6	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	77.6	78.6	78.6	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4000	79.9	81.0	81.0	81.2	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	81.9	83.0	83.0	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	83.9	85.2	85.3	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	86.2	87.7	87.9	88.2	88.4	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	87.1	88.7	88.9	89.2	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	87.6	89.1	89.3	89.7	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	88.2	90.1	90.3	90.7	90.9	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	89.1	92.0	92.3	92.7	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	89.3	93.1	93.6	93.9	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	89.6	93.4	93.9	94.2	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	89.6	93.4	94.0	94.3	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	89.7	93.9	94.4	94.9	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	89.8	94.4	95.1	95.7	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	89.9	94.7	95.7	96.3	97.4	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	89.9	94.7	95.8	96.6	98.0	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	89.9	94.7	95.8	96.6	98.1	98.4	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	89.9	94.7	95.8	96.6	98.1	98.4	98.9	99.1	99.2	99.3	99.6	99.6	99.6	99.8	99.8	99.8
≥ 100	89.9	94.7	95.8	96.6	98.1	98.4	98.9	99.1	99.2	99.3	99.6	99.6	99.6	99.8	100.0	100.0
≥ 0	89.9	94.7	95.8	96.6	98.1	98.4	98.9	99.1	99.2	99.3	99.6	99.6	99.6	99.8	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.2	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	69.4	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	69.6	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 16000	69.6	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	70.2	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	70.6	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	73.1	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	73.2	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000	75.3	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000	76.2	[illegible].2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	76.9	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	78.7	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	79.9	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	81.2	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	82.6	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	84.2	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	85.9	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	88.4
≥ 2000	86.8	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	87.1	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	87.6	89.6	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	88.2	90.7	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	88.2	91.0	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	88.4	91.8	92.9	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	88.8	92.4	93.7	93.9	94.3	94.3	94.4	94.4	94.4	4.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	89.0	93.1	94.8	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	89.0	93.4	95.2	95.6	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	89.0	93.4	95.4	95.9	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	89.1	93.6	95.9	96.3	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	89.1	93.8	95.9	96.4	97.8	97.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	89.1	93.8	95.9	96.4	97.8	97.8	98.9	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 100	89.1	93.8	95.9	96.4	97.8	97.8	98.9	99.1	99.1	99.1	99.2	99.2	99.6	99.6	99.6	99.7
≥ 0	89.1	93.8	95.9	96.4	97.8	97.8	98.9	99.1	99.1	99.1	99.2	99.2	99.6	99.6	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	74.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	75.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	77.9	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	79.1
≥ 4500	78.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	79.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	80.7	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	82.7	82.7
≥ 3000	81.0	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	83.1	83.1
≥ 2500	82.8	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	84.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	85.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	86.2	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	88.7
≥ 1200	87.3	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	88.0	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	88.0	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	88.4	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	88.6	93.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	88.6	93.9	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	88.6	94.1	95.6	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	88.8	94.6	96.1	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300	88.8	94.6	96.2	96.8	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	88.8	94.6	96.2	96.8	97.4	97.8	98.2	98.3	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	88.8	94.6	96.2	96.8	97.4	97.8	98.2	98.3	98.3	98.4	98.8	98.8	99.2	99.3	99.4	99.4
≥ 0	88.8	94.6	96.2	96.8	97.4	97.8	98.2	98.3	98.3	98.4	98.8	98.8	99.2	99.3	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEAR) NOV (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.8	61.1	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 20000	62.1	63.5	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 18000	62.2	63.5	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
≥ 16000	62.2	63.5	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
≥ 14000	62.5	63.9	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
≥ 12000	63.1	64.5	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
≥ 10000	65.0	66.6	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 9000	65.1	66.7	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
≥ 8000	66.4	68.0	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8
≥ 7000	67.1	68.8	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.6
≥ 6000	68.2	70.1	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0
≥ 5000	69.5	71.5	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5
≥ 4500	70.6	72.6	73.1	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6
≥ 4000	71.7	74.1	74.6	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 3500	73.2	75.7	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 3000	74.7	77.3	77.9	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5
≥ 2500	76.9	79.6	80.3	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0
≥ 2000	78.9	81.8	82.5	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3
≥ 1800	80.0	83.0	83.7	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5
≥ 1500	81.8	85.3	86.1	86.3	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 1200	83.3	87.8	88.5	88.8	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 1000	83.9	89.0	89.8	90.1	90.3	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 900	84.3	89.8	90.9	91.1	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 800	84.6	90.5	91.6	92.0	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 700	84.8	91.4	92.8	93.3	93.7	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 600	85.0	91.9	93.4	94.0	94.5	94.6	94.7	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 500	85.0	92.3	94.0	94.7	95.5	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3
≥ 400	85.1	92.5	94.3	95.1	96.0	96.3	96.7	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.2
≥ 300	85.1	92.5	94.4	95.2	96.3	96.6	97.2	97.4	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.2
≥ 200	85.1	92.5	94.4	95.2	96.3	96.6	97.2	97.6	97.8	98.1	98.5	98.5	98.7	98.8	98.9	99.1
≥ 100	85.1	92.5	94.4	95.2	96.3	96.6	97.2	97.6	97.8	98.1	98.5	98.5	98.9	99.0	99.3	99.6
≥ 0	85.1	92.5	94.4	95.2	96.3	96.6	97.2	97.6	97.8	98.1	98.5	98.5	98.9	99.0	99.4	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.6	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	65.3	65.3	65.3	65.4	65.4	65.4	65.4
≥ 20000	65.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 18000	65.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 16000	65.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 14000	65.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 12000	66.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.9	67.9	67.9	68.0	68.0	68.0	68.0
≥ 10000	68.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 9000	68.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 8000	69.3	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 7000	70.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.7	71.7	71.7	71.7
≥ 6000	70.6	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 5000	71.8	72.8	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.7	73.7	73.7	73.8	73.8	73.8	73.8
≥ 4500	73.0	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 4000	73.1	74.1	74.5	74.5	74.6	74.6	74.6	74.6	74.6	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 3500	73.6	74.5	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.5	75.5	75.5	75.6	75.6	75.6	75.6
≥ 3000	75.0	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 2500	77.2	78.7	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 2000	79.1	80.8	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.9	81.9	81.9	82.0	82.0	82.0	82.0
≥ 1800	79.4	81.1	81.6	81.6	81.7	81.7	81.7	81.8	81.8	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 1500	81.3	83.3	83.7	83.7	83.8	83.8	83.8	83.9	83.9	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 1200	83.0	85.3	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 1000	83.5	86.1	86.5	86.5	86.7	86.7	86.8	86.9	86.9	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 900	83.6	86.6	87.2	87.2	87.4	87.4	87.5	87.6	87.6	88.0	88.0	88.0	88.1	88.1	88.2	88.2
≥ 800	84.0	87.6	88.1	88.1	88.3	88.3	88.5	88.6	88.6	89.0	89.0	89.0	89.1	89.1	89.2	89.2
≥ 700	84.3	88.2	89.0	89.0	89.2	89.2	89.3	89.4	89.4	89.9	89.9	89.9	90.0	90.0	90.1	90.1
≥ 600	84.7	89.0	90.1	90.2	90.7	90.7	90.8	91.2	91.2	91.6	91.6	91.6	91.7	91.7	91.8	91.8
≥ 500	85.2	89.8	90.9	91.2	92.2	92.3	92.6	93.1	93.1	93.5	93.5	93.5	93.6	93.6	93.7	93.7
≥ 400	85.2	90.0	91.2	91.4	92.7	92.9	93.3	94.2	94.2	94.6	94.6	94.6	94.7	94.7	94.8	94.8
≥ 300	85.2	90.0	91.2	91.5	92.9	93.1	93.6	94.6	94.7	95.1	95.5	95.5	95.9	96.0	96.1	96.1
≥ 200	85.3	90.1	91.3	91.6	93.0	93.2	93.7	95.0	95.4	96.2	96.8	96.8	97.5	97.6	98.1	98.3
≥ 100	85.4	90.2	91.4	91.7	93.1	93.3	93.9	95.4	95.7	96.7	97.4	97.4	98.3	98.5	99.1	99.7
≥ 0	85.4	90.2	91.4	91.7	93.1	93.3	93.9	95.4	95.7	96.7	97.4	97.4	98.3	98.5	99.1	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≤¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.9	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 20000	61.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 18000	61.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 16000	61.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 14000	61.8	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 12000	62.3	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 10000	63.8	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥ 9000	63.8	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥ 8000	64.9	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.7
≥ 7000	65.2	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	67.0
≥ 6000	65.7	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 5000	67.6	68.8	68.1	69.1	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 4500	68.5	69.7	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 4000	69.0	70.2	70.5	70.5	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 3500	69.1	70.3	70.6	70.6	70.9	70.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 3000	69.7	70.9	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 2500	71.8	73.1	73.4	73.7	73.9	73.9	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 2000	73.8	75.2	75.5	75.7	75.9	75.9	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 1800	75.1	76.6	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 1500	77.6	79.2	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 1200	81.2	83.3	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 1000	81.7	84.2	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 900	82.3	85.1	86.1	86.5	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 800	83.1	86.3	87.5	88.2	88.4	88.4	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 700	83.3	86.7	88.2	89.0	89.5	89.5	90.0	90.0	90.0	90.3	90.3	90.3	90.4	90.4	90.4	90.5
≥ 600	83.4	87.2	88.9	89.9	90.4	90.4	91.0	91.1	91.1	91.5	91.6	91.6	91.7	91.7	91.7	91.8
≥ 500	83.5	88.1	89.9	91.1	91.8	91.8	92.6	92.9	93.0	93.5	93.8	93.8	93.9	93.9	93.9	94.0
≥ 400	83.7	88.3	90.2	91.4	92.4	92.4	93.2	93.7	93.8	94.3	94.7	94.7	94.8	94.9	94.9	95.1
≥ 300	83.7	88.3	90.4	91.7	92.7	92.7	93.9	94.3	94.4	95.3	95.9	95.9	96.0	96.5	96.7	96.8
≥ 200	83.7	88.3	90.4	91.7	92.7	92.7	93.9	94.6	94.9	95.8	96.5	96.6	96.7	97.5	97.7	98.1
≥ 100	83.7	88.3	90.4	91.7	92.7	92.8	94.0	94.8	95.2	96.1	96.9	97.0	97.2	98.3	98.6	99.2
≥ 0	83.7	88.3	90.4	91.7	92.7	92.8	94.0	94.8	95.2	96.1	96.9	97.0	97.2	98.4	98.7	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.4	56.3	56.4	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.2
≥ 20000	57.7	59.6	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.5
≥ 18000	57.7	59.6	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.5
≥ 16000	57.7	59.6	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.5
≥ 14000	57.7	59.6	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.5
≥ 12000	58.6	60.5	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.4
≥ 10000	60.7	62.6	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.5
≥ 9000	60.8	62.8	62.9	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.6
≥ 8000	62.3	64.3	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	65.1
≥ 7000	63.1	65.3	65.4	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.2
≥ 6000	63.7	66.0	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.8
≥ 5000	65.8	68.1	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.2
≥ 4500	66.3	68.7	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.8
≥ 4000	66.8	69.2	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.3
≥ 3500	67.3	69.6	70.1	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.9
≥ 3000	68.0	70.5	70.9	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.8
≥ 2500	69.5	72.1	72.6	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.5
≥ 2000	71.6	74.6	75.1	75.3	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.2
≥ 1800	72.8	76.2	76.7	77.0	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.8
≥ 1500	74.2	78.1	78.7	78.9	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.8
≥ 1200	75.8	81.1	82.0	82.2	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.2
≥ 1000	77.0	82.7	83.6	83.9	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.9	84.9	84.9	85.1
≥ 900	77.7	83.7	85.0	85.3	85.8	85.9	86.0	86.1	86.2	86.3	86.3	86.3	86.5	86.5	36.5	86.8
≥ 800	78.3	84.8	86.2	86.5	87.1	87.2	87.3	87.4	87.5	87.6	87.6	87.6	87.8	87.8	87.8	88.1
≥ 700	78.8	86.0	87.6	88.1	88.8	89.0	89.1	89.2	89.3	89.5	89.5	89.5	89.7	89.7	89.7	89.9
≥ 600	79.0	87.1	88.8	89.6	90.6	91.0	91.2	91.3	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.9
≥ 500	79.0	87.4	89.2	90.1	91.3	91.8	92.1	92.2	92.4	92.5	92.6	92.6	92.9	92.9	92.9	93.1
≥ 400	79.0	87.4	89.7	90.6	91.9	92.6	93.0	93.2	93.3	93.5	93.6	93.6	94.0	94.0	94.0	94.2
≥ 300	79.0	87.4	89.8	90.9	92.2	93.0	93.4	93.9	94.0	94.2	94.3	94.3	94.7	94.7	94.9	95.2
≥ 200	79.0	87.4	89.8	90.9	92.2	93.0	93.5	94.1	94.2	94.4	94.6	94.6	95.8	96.1	96.7	97.3
≥ 100	79.0	87.4	89.8	90.9	92.2	93.0	93.5	94.1	94.2	94.4	94.6	94.7	96.0	96.7	97.4	98.7
≥ 0	79.0	87.4	89.8	90.9	92.2	93.0	93.5	94.1	94.2	94.4	94.6	94.7	96.1	96.8	98.0	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS IN LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.9	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8
≥ 20000	55.6	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
≥ 18000	55.8	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7
≥ 16000	56.0	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0
≥ 14000	57.1	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
≥ 12000	58.8	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8
≥ 10000	60.6	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6
≥ 9000	60.8	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
≥ 8000	62.2	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1
≥ 7000	63.2	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 6000	64.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5
≥ 5000	65.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 4500	66.5	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4
≥ 4000	66.9	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥ 3500	67.3	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 3000	68.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2
≥ 2500	70.9	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
≥ 2000	74.8	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 1800	76.0	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 1500	78.0	82.8	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 1200	79.2	84.7	84.9	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 1000	80.0	86.6	86.9	87.2	87.3	87.3	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0
≥ 900	80.1	86.9	87.4	87.8	88.1	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 800	80.4	87.5	88.2	88.6	88.8	88.8	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 700	80.6	88.3	89.0	89.5	89.7	89.7	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 600	80.8	88.9	89.9	90.5	90.9	91.0	91.5	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 500	81.0	89.4	90.3	91.5	92.0	92.4	93.0	93.4	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7
≥ 400	81.1	89.5	90.5	91.8	92.6	92.9	94.0	94.5	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9
≥ 300	81.1	89.5	90.5	91.9	93.0	93.4	94.7	95.6	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 200	81.1	89.5	90.5	91.9	93.0	93.4	94.8	95.7	95.9	96.5	96.9	96.9	98.1	98.2	98.6	98.6
≥ 100	81.1	89.5	90.5	91.9	93.0	93.4	94.8	95.7	95.9	96.6	97.0	97.0	98.2	98.4	99.1	99.9
≥ 0	81.1	89.5	90.5	91.9	93.0	93.4	94.8	95.7	95.9	96.6	97.0	97.0	98.2	98.4	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	71.3	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	74.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000	74.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3500	75.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	77.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	79.7	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	83.0	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	83.9	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	85.1	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	86.7	89.3	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000	87.2	90.9	91.5	91.6	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	87.5	91.3	91.9	92.3	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	87.8	92.0	92.7	93.0	93.2	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	88.0	92.2	93.1	93.4	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	88.2	92.7	93.9	94.2	94.7	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	88.2	92.8	94.3	94.7	95.5	95.9	96.1	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	88.2	92.9	94.4	94.8	95.9	96.5	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	88.2	92.9	94.4	94.9	96.0	96.8	97.5	98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	88.2	92.9	94.4	94.9	96.0	96.8	97.6	98.3	98.6	98.9	99.1	99.1	99.2	99.4	99.4	99.4
≥ 100	88.2	92.9	94.4	94.9	96.0	96.8	97.6	98.3	98.6	98.9	99.1	99.1	99.4	99.6	99.6	99.6
0	88.2	92.9	94.4	94.9	96.0	96.8	97.6	98.3	98.6	98.9	99.1	99.1	99.4	99.6	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.0	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	61.4
≥ 20000	67.4	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	67.8	67.8
≥ 18000	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	71.0	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	73.3	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	73.3	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	74.3	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	74.8	74.8
≥ 7000	75.3	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	76.8	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	78.6	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500	79.7	80.3	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	81.0	81.6	81.7	81.7	81.8	81.8	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	82.3	82.9	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	83.8	84.6	84.7	84.7	84.8	84.8	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	84.9	86.0	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	87.2	88.3	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	87.4	88.5	88.7	88.7	88.8	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	88.2	90.2	90.5	90.5	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	88.7	91.3	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	88.7	91.9	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	88.8	92.5	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	88.9	92.7	94.2	94.4	94.8	94.6	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	89.0	92.9	94.5	94.7	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	89.0	93.2	95.1	95.4	96.0	96.0	96.1	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	89.1	93.4	95.4	95.7	96.3	96.5	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	89.1	93.5	95.5	95.8	96.8	97.2	97.5	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	89.1	93.5	95.5	95.8	96.9	97.3	97.7	98.3	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1
≥ 200	89.1	93.5	95.5	95.8	96.9	97.3	97.7	98.5	98.8	99.0	99.2	99.2	99.6	99.6	99.7	99.9
≥ 100	89.1	93.7	95.6	95.9	97.0	97.4	97.8	98.6	98.9	99.1	99.4	99.4	99.7	99.7	99.8	100.0
≥ 0	89.1	93.7	95.6	95.9	97.0	97.4	97.8	98.6	98.9	99.1	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.5	67.9	68.3	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 20000	68.6	70.0	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7
≥ 18000	69.0	70.4	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1
≥ 16000	69.1	70.6	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2
≥ 14000	69.7	71.1	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7
≥ 12000	71.5	73.0	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7
≥ 10000	73.7	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 9000	73.7	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 8000	74.4	75.9	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6
≥ 7000	75.4	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 6000	76.8	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 5000	79.2	79.9	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥ 4500	79.5	81.3	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0
≥ 4000	81.7	83.5	83.8	83.8	83.9	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 3500	82.3	84.3	84.6	84.6	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 3000	83.0	34.9	85.3	85.3	85.4	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 2500	83.6	85.7	86.1	86.1	86.2	86.2	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 2000	84.5	86.7	87.5	87.5	87.6	87.6	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 1800	84.8	87.3	88.0	88.0	88.1	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 1500	85.4	88.3	89.3	89.3	89.4	89.4	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 1200	85.9	89.3	90.5	90.5	90.6	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.2	91.2	91.2	91.2
≥ 1000	86.2	90.2	91.6	91.6	91.8	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 900	86.4	90.8	92.3	92.3	92.8	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 800	86.6	91.0	92.8	92.8	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 700	86.6	91.0	92.9	93.0	93.5	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 600	87.1	91.8	94.0	94.2	94.9	95.0	95.4	95.4	95.4	95.5	95.5	95.5	95.7	95.8	95.8	95.8
≥ 500	87.2	91.9	94.2	94.6	95.9	96.0	96.5	96.8	96.8	96.9	96.9	96.9	97.1	97.2	97.2	97.2
≥ 400	87.3	92.0	94.3	94.8	96.1	96.3	97.1	97.3	97.3	97.4	97.4	97.4	97.6	97.7	97.7	97.7
≥ 300	87.3	92.0	94.3	94.8	96.1	96.3	97.2	97.5	97.5	97.8	97.8	97.8	98.1	98.3	98.3	98.3
≥ 200	87.3	92.0	94.3	94.8	96.1	96.3	97.2	97.6	97.7	98.1	98.5	98.6	98.8	99.0	99.2	99.2
≥ 100	87.3	92.0	94.3	94.8	96.1	96.3	97.2	97.6	97.7	98.2	98.6	98.7	99.1	99.4	99.9	100.0
≥ 0	87.3	92.0	94.3	94.8	96.1	96.3	97.2	97.6	97.7	98.2	98.6	98.7	99.1	99.4	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.2	66.2	66.9	67.0	67.1	67.1	67.3	67.3	67.3	67.5	67.9	67.9	68.0	68.0	68.0	68.0
≥ 20000	66.9	68.0	68.6	68.7	68.8	68.8	69.0	69.0	69.0	69.3	69.6	69.6	69.7	69.7	69.7	69.7
≥ 18000	66.9	68.0	68.6	68.7	68.8	68.8	69.0	69.0	69.0	69.3	69.6	69.6	69.7	69.7	69.7	69.7
≥ 16000	66.9	68.0	68.6	68.7	68.8	68.8	69.0	69.0	69.0	69.3	69.6	69.6	69.7	69.7	69.7	69.7
≥ 14000	66.9	68.0	68.6	68.7	68.8	68.8	69.0	69.0	69.0	69.3	69.6	69.6	69.7	69.7	69.7	69.7
≥ 12000	67.9	68.9	69.6	69.7	69.8	69.8	70.0	70.0	70.0	70.2	70.6	70.6	70.7	70.7	70.7	70.7
≥ 10000	70.7	71.7	72.4	72.5	72.6	72.6	72.8	72.8	72.8	73.0	73.4	73.4	73.5	73.5	73.5	73.5
≥ 9000	70.7	71.7	72.4	72.5	72.6	72.6	72.8	72.8	72.8	73.0	73.4	73.4	73.5	73.5	73.5	73.5
≥ 8000	71.1	72.4	73.0	73.1	73.2	73.2	73.5	73.5	73.5	73.7	74.0	74.0	74.1	74.1	74.1	74.1
≥ 7000	72.1	73.4	74.0	74.1	74.2	74.2	74.4	74.4	74.4	74.6	75.0	75.0	75.1	75.1	75.1	75.1
≥ 6000	72.2	73.5	74.1	74.2	74.3	74.3	74.5	74.5	74.5	74.8	75.1	75.1	75.2	75.2	75.2	75.2
≥ 5000	74.0	75.3	75.9	76.2	76.3	76.3	76.5	76.5	76.5	76.7	77.0	77.0	77.1	77.1	77.1	77.1
≥ 4500	75.5	76.8	77.5	77.7	77.8	77.8	78.0	78.0	78.0	78.2	78.5	78.5	78.6	78.6	78.6	78.6
≥ 4000	76.3	77.7	78.3	78.6	78.7	78.7	79.0	79.0	79.0	79.2	79.5	79.5	79.6	79.6	79.6	79.6
≥ 3500	76.9	78.4	79.2	79.5	79.6	79.6	79.8	79.8	79.8	80.0	80.4	80.4	80.5	80.5	80.5	80.5
≥ 3000	78.6	80.3	81.0	81.3	81.4	81.4	81.7	81.7	81.7	81.9	82.2	82.2	82.3	82.3	82.3	82.3
≥ 2500	79.3	81.2	82.0	82.3	82.4	82.4	82.6	82.6	82.6	82.8	83.2	83.2	83.3	83.3	83.3	83.3
≥ 2000	81.6	83.7	84.7	85.1	85.2	85.2	85.4	85.4	85.4	85.7	86.0	86.0	86.1	86.1	86.2	86.2
≥ 1800	82.2	84.4	85.3	85.8	85.9	85.9	86.1	86.1	86.1	86.3	86.6	86.6	86.7	86.7	86.8	86.8
≥ 1500	82.7	85.0	86.0	86.5	86.6	86.6	86.8	86.8	86.8	87.1	87.4	87.4	87.5	87.5	87.6	87.6
≥ 1200	83.5	86.3	87.3	87.8	87.9	87.9	88.1	88.1	88.1	88.3	88.7	88.7	88.8	88.8	88.9	88.9
≥ 1000	83.9	87.2	88.1	88.7	88.8	88.8	89.0	89.0	89.0	89.2	89.5	89.5	89.6	89.6	89.8	89.8
≥ 900	84.3	87.6	88.7	89.3	89.5	89.5	89.8	89.8	89.8	90.0	90.3	90.3	90.4	90.4	90.5	90.5
≥ 800	84.8	88.1	89.2	89.9	90.1	90.1	90.3	90.3	90.3	90.5	90.8	90.8	90.9	90.9	91.0	91.0
≥ 700	84.8	88.3	89.4	90.1	90.3	90.4	90.7	90.7	90.8	91.0	91.4	91.4	91.5	91.5	91.6	91.6
≥ 600	85.1	88.8	90.8	91.6	91.9	92.0	92.3	92.3	92.4	92.7	93.0	93.0	93.1	93.1	93.2	93.2
≥ 500	85.4	89.6	91.6	92.7	93.4	93.5	93.9	94.0	94.2	94.6	94.9	94.9	95.0	95.0	95.1	95.1
≥ 400	85.4	89.9	92.0	92.9	93.7	94.2	94.7	94.8	95.1	95.6	95.9	95.9	96.0	96.0	96.1	96.1
≥ 300	85.5	90.3	92.4	93.3	94.3	94.8	95.5	95.9	96.4	97.0	97.4	97.4	97.6	97.6	97.7	97.7
≥ 200	85.5	90.3	92.4	93.3	94.3	94.8	95.6	96.1	96.8	97.3	97.8	97.8	98.2	98.4	98.5	98.5
≥ 100	85.5	90.3	92.4	93.3	94.3	94.8	95.6	96.1	96.8	97.6	98.4	98.4	98.7	99.0	99.1	99.6
≥ 0	85.5	90.3	92.4	93.3	94.3	94.8	95.6	96.1	96.8	97.6	98.4	98.4	98.7	99.0	99.4	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.7	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.4	61.4	61.4	61.4
≥ 20000	63.3	64.3	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.0
≥ 18000	63.4	64.5	64.7	64.7	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1
≥ 16000	63.5	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2
≥ 14000	64.0	65.1	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7
≥ 12000	65.3	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0
≥ 10000	67.5	68.6	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 9000	67.5	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.3
≥ 8000	68.6	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4
≥ 7000	69.4	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 6000	70.3	71.5	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 5000	72.0	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 4500	72.9	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 4000	73.6	75.2	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 3500	74.3	75.8	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.8
≥ 3000	75.5	77.1	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.1
≥ 2500	77.1	79.0	79.3	79.4	79.6	79.6	79.7	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0
≥ 2000	79.4	81.5	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.7
≥ 1800	80.2	82.4	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.6
≥ 1500	81.6	84.3	84.9	85.0	85.1	85.2	85.2	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 1200	83.0	86.4	87.1	87.2	87.4	87.4	87.5	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.9
≥ 1000	83.5	87.5	88.3	88.5	88.7	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.3
≥ 900	83.8	88.1	89.1	89.3	89.6	89.6	89.8	89.8	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2
≥ 800	84.3	88.8	89.9	90.2	90.5	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.2
≥ 700	84.4	89.2	90.5	90.8	91.3	91.3	91.6	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0
≥ 600	84.7	89.8	91.4	91.9	92.5	92.7	92.9	93.0	93.1	93.3	93.3	93.3	93.4	93.4	93.5	93.5
≥ 500	84.8	90.3	92.0	92.7	93.6	93.8	94.2	94.4	94.5	94.8	94.8	94.8	95.0	95.0	95.0	95.0
≥ 400	84.9	90.4	92.2	92.9	94.0	94.4	95.0	95.3	95.4	95.7	95.8	95.8	95.9	95.9	96.0	96.0
≥ 300	84.9	90.5	92.3	93.1	94.3	94.7	95.5	96.0	96.2	96.6	96.8	96.8	97.1	97.1	97.2	97.3
≥ 200	84.9	90.5	92.3	93.1	94.3	94.7	95.5	96.2	96.5	97.0	97.4	97.5	98.0	98.2	98.5	98.7
≥ 100	84.9	90.5	92.4	93.1	94.3	94.7	95.6	96.3	96.6	97.2	97.7	97.7	98.3	98.7	99.1	99.6
≥ 0	84.9	90.5	92.4	93.1	94.3	94.7	95.6	96.3	96.6	97.2	97.7	97.7	98.3	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7430

USAF ETAC FORM JUL 69 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-80 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.6	59.7	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5
≥ 20000	62.7	65.0	65.3	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥ 18000	62.7	65.1	65.4	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
≥ 16000	62.8	65.1	65.4	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9
≥ 14000	63.2	65.6	65.9	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 12000	64.5	67.0	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9
≥ 10000	67.2	69.9	70.2	70.4	70.5	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8
≥ 9000	67.4	70.0	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 8000	68.7	71.5	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 7000	69.3	72.2	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
≥ 6000	70.0	73.0	73.4	73.6	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
≥ 5000	71.2	74.4	74.9	75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 4500	72.0	75.3	75.8	76.0	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5
≥ 4000	73.0	76.4	77.0	77.2	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 3500	74.0	77.6	78.2	78.4	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
≥ 3000	75.3	79.1	79.7	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6
≥ 2500	76.8	80.9	81.6	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5
≥ 2000	78.6	83.1	83.9	84.1	84.4	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 1800	79.1	83.8	84.5	84.8	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 1500	80.7	85.9	86.8	87.1	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1200	81.9	87.9	88.9	89.3	89.6	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1000	82.6	89.1	90.1	90.6	91.0	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 900	82.9	89.7	90.8	91.3	91.7	91.8	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3
≥ 800	83.2	90.3	91.5	92.0	92.6	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2
≥ 700	83.4	90.8	92.2	92.7	93.4	93.5	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.1
≥ 600	83.6	91.4	92.8	93.5	94.2	94.4	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1
≥ 500	83.7	91.8	93.4	94.2	95.1	95.3	95.7	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3
≥ 400	83.8	92.0	93.7	94.6	95.7	95.9	96.4	96.7	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.3
≥ 300	83.8	92.1	93.9	94.8	96.0	96.3	97.0	97.4	97.6	97.9	98.0	98.1	98.2	98.2	98.2	98.3
≥ 200	83.8	92.1	93.9	94.9	96.0	96.4	97.1	97.6	97.9	98.2	98.6	98.6	98.9	98.9	99.1	99.2
≥ 100	83.8	92.1	93.9	94.9	96.1	96.4	97.1	97.7	97.9	98.3	98.7	98.7	99.0	99.2	99.4	99.6
≥ 0	83.8	92.1	93.9	94.9	96.1	96.4	97.1	97.7	97.9	98.3	98.7	98.7	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 87621

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

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	32.6			14.8						9.6	43.0	5.6	927
	03-05	29.6			12.4						11.2	46.7	6.1	925
	06-08	18.4			18.9						13.6	49.1	6.7	928
	09-11	15.3			18.4						17.9	48.4	7.0	929
	12-14	17.5			20.5						17.1	44.9	6.6	928
	15-17	15.1			25.3						17.5	42.1	6.5	929
	18-20	19.0			25.1						15.7	40.2	6.2	930
	21-23	34.0			15.1						10.3	40.6	5.4	930
TOTALS		22.7			18.8						14.1	44.4	6.3	7426

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	39.6			13.4						11.0	36.0	5.0	836
	03-05	35.7			14.3						10.5	39.5	5.3	840
	06-08	21.1			19.0						14.3	45.6	6.4	844
	09-11	16.8			19.0						19.0	45.2	6.8	846
	12-14	17.3			24.7						20.9	37.1	6.3	846
	15-17	14.9			27.5						23.0	34.7	6.4	845
	18-20	21.7			27.9						18.2	32.2	5.7	842
	21-23	37.1			19.0						12.9	31.0	4.8	840
TOTALS		25.5			20.6						16.2	37.7	5.8	6739

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	36.7			14.5						10.4	38.5	5.2	927
	03-05	31.6			13.8						9.2	45.4	5.8	927
	06-08	17.8			20.9						15.8	45.5	6.6	928
	09-11	14.5			22.4						19.2	43.9	6.8	930
	12-14	14.3			27.6						21.7	36.3	6.4	930
	15-17	15.5			28.4						22.3	33.8	6.2	929
	18-20	23.0			24.6						20.4	32.0	5.8	927
	21-23	34.8			20.3						11.7	33.2	5.0	929
TOTALS		23.5			21.6						16.3	38.6	6.0	7427

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	32.4			14.7						15.7	37.3	5.6	899
	03-05	26.7			13.9						16.1	43.4	6.2	895
	06-08	14.1			19.1						21.2	45.6	7.0	896
	09-11	15.2			20.9						21.9	42.0	6.8	900
	12-14	14.1			25.1						26.0	34.8	6.6	900
	15-17	14.7			30.0						25.7	29.6	6.2	898
	18-20	20.4			28.7						23.0	27.9	5.7	899
	21-23	31.8			22.0						16.4	29.7	5.1	898
TOTALS		21.2			21.8						20.8	36.3	6.2	7185

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	30.2			20.5						19.6	29.7	5.4	928
	03-05	23.2			22.8						18.8	35.2	5.9	926
	06-08	12.5			20.7						25.6	41.1	7.0	926
	09-11	13.8			19.8						35.1	31.3	6.9	929
	12-14	12.2			25.4						38.7	23.8	6.6	930
	15-17	11.1			35.6						34.4	18.9	6.1	930
	18-20	17.0			33.7						31.4	18.0	5.6	930
	21-23	29.5			29.8						21.5	19.2	4.8	930
TOTALS		18.7			26.0						28.1	27.2	6.0	7429

USAFETAC FORM JUL A4 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	41.1			28.1						17.1	13.7	3.8	900
	03-05	25.1			30.9						24.9	19.0	5.1	899
	06-08	12.7			31.0						32.9	23.4	6.2	899
	09-11	14.4			35.4						32.1	18.0	5.8	900
	12-14	12.2			44.8						30.0	13.0	5.3	900
	15-17	10.8			55.1						22.0	12.1	4.8	900
	18-20	21.0			49.6						17.8	11.6	4.2	899
	21-23	44.8			30.7						13.5	11.0	3.2	898
TOTALS		22.8			38.2						23.8	15.2	4.8	7195

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	51.5			28.3						11.2	9.0	2.8	920
	03-05	40.6			36.6						13.3	9.5	3.3	922
	06-08	13.9			49.1						25.3	11.7	4.9	925
	09-11	12.5			49.7						26.9	10.9	5.0	929
	12-14	5.5			54.2						30.2	10.1	5.4	930
	15-17	3.5			54.1						33.9	8.5	5.5	930
	18-20	10.1			50.4						29.8	9.7	5.2	929
	21-23	37.8			39.2						14.1	8.8	3.3	928
TOTALS		21.9			45.2						23.1	9.8	4.4	7413

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	44.8			31.8						13.7	9.7	3.2	928
	03-05	43.5			31.7						12.4	12.4	3.3	930
	06-08	17.4			45.4						22.0	15.2	4.9	930
	09-11	14.8			46.5						25.1	13.7	5.0	930
	12-14	5.3			53.7						29.6	11.5	5.4	930
	15-17	2.8			55.9						30.5	10.9	5.5	929
	18-20	13.1			48.9						26.9	11.2	5.0	927
	21-23	34.7			42.3						13.5	9.5	3.4	927
TOTALS		22.1			44.5						21.7	11.8	4.5	7431

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	41.2			23.3						12.1	23.4	4.1	898
	03-05	33.7			25.7						13.9	26.7	4.7	899
	06-08	16.7			34.0						23.6	25.6	5.7	897
	09-11	15.1			35.3						27.0	22.6	5.7	900
	12-14	11.0			42.5						27.9	18.6	5.6	899
	15-17	12.9			41.8						28.0	17.2	5.5	899
	18-20	22.0			36.8						24.4	16.8	5.0	900
	21-23	40.9			25.9						14.1	19.0	4.0	899
TOTALS		24.2			33.2						21.4	21.2	5.0	7191

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

03902	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	48.2			17.7						11.3	22.8	3.8	927
	03-05	43.0			19.8						12.4	24.8	4.2	923
	06-08	25.8			26.1						20.0	28.2	5.4	927
	09-11	22.5			28.4						22.9	26.2	5.5	929
	12-14	21.8			34.8						21.4	21.9	5.2	930
	15-17	23.4			41.2						18.7	16.7	4.6	930
	18-20	37.5			32.5						14.5	15.5	3.8	929
	21-23	50.5			23.1						8.9	17.4	3.2	930
TOTALS		34.1			28.0						16.3	21.7	4.5	7425

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	45.7			15.5						10.5	28.4	4.2	898
	03-05	42.6			16.8						10.7	29.9	4.5	899
	06-08	29.1			23.8						14.6	32.5	5.3	899
	09-11	27.1			23.3						19.1	30.4	5.5	900
	12-14	23.6			27.1						23.1	26.2	5.5	900
	15-17	24.2			28.2						22.9	24.7	5.4	898
	18-20	34.1			26.7						14.7	24.5	4.6	898
	21-23	44.7			21.3						9.1	24.9	3.9	900
TOTALS		33.9			22.8						15.6	27.7	4.9	7192

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	42.5			18.2						10.2	29.1	4.4	923
	03-05	43.8			13.9						9.3	33.0	4.6	924
	06-08	28.3			23.2						14.6	33.9	5.4	926
	09-11	20.3			23.5						19.3	36.8	6.1	924
	12-14	22.4			25.4						22.7	29.6	5.8	930
	15-17	21.9			28.4						22.4	27.3	5.6	927
	18-20	31.5			27.9						15.3	25.4	4.8	922
	21-23	42.8			18.6						12.2	26.5	4.3	921
TOTALS		31.7			22.4						15.8	30.2	5.1	7399

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-80 (PERIOD) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	22.7			18.8						14.1	44.4	6.3	7426
FEB		25.5			20.6						16.2	37.7	5.8	6739
MAR		23.5			21.6						16.3	38.6	6.0	7427
APR		21.2			21.8						20.8	36.3	6.2	7185
MAY		18.7			26.0						28.1	27.2	6.0	7429
JUN		22.8			36.2						23.8	15.2	4.8	7195
JUL		21.9			45.2						23.1	9.8	4.4	7413
AUG		22.1			44.5						21.7	11.8	4.5	7431
SEP		24.2			33.2						21.4	21.2	5.0	7191
OCT		34.1			28.0						16.3	21.7	4.5	7425
NOV		33.9			22.8						15.6	27.7	4.9	7192
DEC		31.7			22.4						15.8	30.2	5.1	7399
TOTALS		25.2			28.6						19.4	26.8	5.3	87452

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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 values of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

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

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

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 50-70, 73-80 (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
≥ 105						.2	.7	.9	.1				.2
≥ 100					.1	3.5	10.6	15.4	1.9	.1			2.7
≥ 95			.1	.2	2.0	19.4	52.5	51.4	14.3	.7			12.0
≥ 90			1.3	3.2	15.7	63.7	85.4	85.1	44.8	6.9			25.9
≥ 85	.1	1.3	4.6	15.0	45.0	86.5	96.2	94.5	70.5	26.8	2.	.7	37.5
≥ 80	1.7	5.9	15.6	38.5	70.9	94.6	99.4	98.6	86.9	52.6	11.1	2.7	48.8
≥ 75	7.7	15.3	32.7	64.6	87.0	98.6	100.0	99.9	94.9	72.5	28.0	9.3	59.8
≥ 70	19.4	28.4	51.1	81.1	95.7	99.6		100.0	98.7	85.7	47.2	23.7	69.8
≥ 65	32.9	42.6	68.7	93.2	99.2	100.0			99.7	94.1	63.7	40.7	78.4
≥ 60	46.6	57.1	80.3	97.3	99.7				99.9	97.6	76.5	56.5	84.6
≥ 55	60.1	69.7	88.1	99.0	100.0				100.0	98.7	86.8	72.8	89.8
≥ 50	69.8	82.3	94.3	99.9						99.5	92.7	84.9	93.8
≥ 45	79.8	89.6	96.8							100.0	96.4	91.6	96.3
≥ 40	87.4	95.7	98.7	100.0							98.8	96.2	98.1
≥ 35	93.8	98.4	99.9								99.5	98.8	99.2
≥ 30	97.8	99.9	100.0								100.0	99.8	99.8
≥ 25	99.3											100.0	99.9
≥ 20	99.5	100.0											100.0
≥ 15	100.0												100.0
MEAN	56.8	61.3	68.5	76.5	82.7	90.3	94.3	94.2	87.5	78.8	67.0	60.8	76.6
S D	13.310	12.206	11.051	7.899	6.839	5.722	4.775	5.233	6.984	8.396	10.826	10.879	15.767
TOTAL OBS	835	763	854	838	868	840	867	868	792	868	810	837	10040

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03902 ROBERT GRAY AAF TX (FORT HOOD) 50-70, 73-80
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						.2	1.6	1.8					.3
75					1.6	17.3	34.8	38.0	10.2	.6			8.7
70				3.2	19.8	66.5	94.3	89.4	50.6	8.5	.7		28.2
65	.7	.3	3.7	20.3	49.7	91.3	99.4	99.4	76.4	22.5	4.8	1.4	39.7
60	4.1	4.3	12.4	42.4	78.1	97.9	100.0	100.0	90.9	47.8	12.5	4.5	50.2
55	8.7	9.3	24.4	64.0	91.6	99.9			97.7	67.9	23.2	8.6	58.6
50	15.1	19.9	42.7	80.8	97.9	100.0			99.4	85.1	41.5	16.8	67.2
45	25.5	35.6	62.6	92.6	99.5				100.0	95.2	60.4	32.1	75.8
40	39.9	55.7	79.6	97.6	100.0					99.4	78.1	52.1	83.9
35	58.1	74.8	90.5	99.5						99.9	89.5	74.3	90.8
33	67.7	81.4	93.9	99.9						100.0	92.8	81.8	93.3
30	77.2	88.1	97.2	100.0							96.7	89.2	95.8
25	88.1	96.2	99.2								99.4	95.7	98.2
20	95.3	99.1	99.9								100.0	99.3	99.5
15	98.7	99.7	100.0									99.9	99.9
10	100.0											100.0	100.0
5		100.0											100.0
MEAN	37.6	41.1	47.6	56.9	63.8	70.6	73.5	73.3	68.2	58.3	47.3	40.6	56.6
S D	11.147	9.725	9.649	8.108	6.259	4.402	2.803	3.174	5.823	8.036	9.904	9.536	15.003
TOTAL OBS	835	763	854	838	868	840	867	868	792	868	810	837	10040

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 50-70, 73-80 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 95							.2						.0
≥ 90						1.1	4.0	6.0	.5				1.0
≥ 85					.9	18.0	47.3	47.6	10.9	.2			10.7
≥ 80			.1	1.2	16.2	66.4	90.7	87.8	46.6	6.5			25.7
≥ 75	.1	.3	2.8	14.3	46.4	90.0	99.3	98.7	76.1	24.1	2.2	.2	38.4
≥ 70	1.3	3.3	12.4	41.4	76.2	97.6	100.0	100.0	91.3	49.8	11.1	2.2	49.5
≥ 65	7.9	12.1	28.9	65.5	92.3	99.6			97.9	72.9	24.3	8.2	59.8
≥ 60	16.5	21.2	47.7	84.0	97.7	100.0			99.7	87.3	43.7	18.4	68.6
≥ 55	27.9	39.4	66.9	94.4	99.8				100.0	96.1	63.1	35.2	77.4
≥ 50	43.8	57.4	81.5	98.4	100.0					99.0	78.9	54.7	84.8
≥ 45	60.2	74.7	91.7	99.4						99.9	90.4	76.3	91.3
≥ 40	74.1	87.5	96.6	99.9						100.0	95.1	89.4	95.3
≥ 35	86.2	94.6	98.7	100.0							99.3	95.1	97.9
≥ 30	93.8	98.8	99.9								100.0	98.7	99.3
≥ 25	97.7	99.7	100.0									99.9	99.8
≥ 20	99.4	99.9										100.0	99.9
≥ 15	100.0	100.0											100.0
MEAN	47.5	51.4	58.3	67.0	73.5	80.7	84.1	84.0	78.1	68.8	57.4	51.0	66.8
S D	11.443	10.182	9.662	7.233	5.968	4.615	3.436	3.825	5.805	7.541	9.605	9.405	15.022
TOTAL OBS	835	763	854	838	868	840	867	868	792	868	810	837	10040

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)

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 50-70, 73-80 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50										90	86	79	
51	82	80	89	94	96	98	104	104	103	95	86	85	104
52	83	81	87	85	92	97	100	105	102	92	84	81	105
53	80	81	83	92	92	102	100	105	105	92	77	75	105
54	77	89	93*	89	95	100	109	104	100	97	81	85	109
55	78	77	92	92	97	95	99	102	94	92	89	89	102
56	81	83	93*	88	95	104	109	104	101	97	82	81	109
57	81	88	81	85	92	96	105	102	97	88	80	76	105
58	74	74	76	92	98	96	100	101	96	89	86	84	101
59 *	73	86	87	90	97	100	97	99	97	89	78	73	100
60	74	88	83	90	91	101	102	96*	94	89			
61		*	84	91	97	94	92	99	96	85	83	74	
62	76	87	82	90	92	94	101	106	97	92	84	73	106
63	80	88	86	98	95	97	101	101	100	91	88	74	101
64	74	69	79	85	89	94	102	103	96	85	80	82	103
65	76	71	77	90	88	93	96	97	101	91	86	76	101
66	70	73	87	93	95	96	103	102	97	90	83	82	103
67	80	78	93	87	96	100	106	104	89	88	84	77	106
68	76	74	84	83	89	94	92	95	97	90	82	74	97
69	86	83	86	84	88	101	99	105	94	90	86	74	105
70	80	84	81	88	87	95*	99	100	96	89	82	78	100
73	70	74	79	82	93	92	96	98	93	88	84	84	98
74	78	81	97	91	92	97	103	97	92	87	82	75	103
75	81	79	87	88	88	93	100	97	98	89	87	79	100
76	78	82	89	86	89	94	95	101	94	86	81	75	101
77	68	85	84	86	88	94	101	101	101	95	82	86	101
78	83	81	80	92	100	103	106	100	94	90	82	78	106
79	68	84	82	90	86	99	96	96	96	101	81	74	101
80	77	86	81	88	93	107	104	103					
MEAN	77.3	81.0	85.1	88.9	92.5	97.4	100.7	101.0	97.2	90.6	83.3	78.6	102.6
S D	4.698	5.633	5.380	3.762	3.805	3.812	4.472	3.180	3.674	3.695	2.943	4.650	2.599
TOTAL OBS	835	763	854	838	868	840	867	868	792	868	810	837	10040

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 50-70, 73-80 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50										55	25	14	
51	14	9	30	41	53	63	71	71	54	45	27	20	9
52	31	32	32	37	50	65	69	71	61	42	32	24	24
53	23	27	37	39	48	66	63	68	60	45	34	21	21
54	19	32	28*	40	44	61	72	70	59	42	40	32	19
55	29	23	25	49	60	56	69	68	66	40	25	24	23
56	25	26	30*	40	60	63	70	67	61	50	30	30	25
57	20	38	28	33	49	64	72	69	54	34	32	23	20
58	28	21	33	43	52	63	69	67	57	47	25	19	19
59	* 11	27	38	38	58	64	68	64	55	40	22	33	* 11
60	21	19	24	46	44	68	70	68*	66	45			
61		*	41	39	53	63	67	62	55	47	37	21	
62	12	23	21	40	51	64	70	67	55	47	39	21	12
63	10	19	36	46	52	66	68	70	49	50	31	18	10
64	15	28	31	37	54	51	67	70	57	41	28	22	15
65	23	18	21	45	53	61	65	67	57	44	39	33	18
66	13	23	31	44	52	66	70	65	59	39	30	19	13
67	22	22	29	52	47	66	64	62	47	45	36	30	22
68	20	26	31	39	53	62	62	65	54	42	31	23	20
69	22	32	27	47	46	56	70	66	60	42	30	22	22
70	16	22	35	38	48	55*	63	69	57	44	27	29	16
73	10	19	38	32	42	60	67	61	56	44	42	24	10
74	21	22	34	38	56	58	67	67	48	41	27	28	21
75	19	22	30	34	55	58	66	68	49	44	27	25	19
76	18	28	35	43	49	59	69	67	55	36	21	19	18
77	19	27	33	46	55	65	69	70	63	42	37	27	19
78	20	22	24	44	46	64	68	67	61	49	35	22	20
79	15	23	32	42	45	57	69	67	53	40	22	23	15
80	24	24	16	35	50	64	65	69					
MEAN	19.6	24.2	30.0	41.0	50.9	61.7	68.0	67.2	56.2	43.6	30.8	23.9	17.6
S D	5.486	5.625	5.481	5.063	4.732	4.099	2.549	2.630	4.667	4.390	5.879	4.875	4.533
TOTAL OBS	835	763	854	838	868	840	867	868	792	868	810	837	10040

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (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
70/ 69		.1	.1															4	4		
68/ 67		.5	.9							.1								14	14	2	
66/ 65		.2	.4							.1								7	7	9	2
64/ 63		.4	.1		.1													6	6	10	5
62/ 61		1.2	1.0	.4			.1											27	27	7	11
60/ 59		1.0	1.0	.1	.2	.1		.1										23	23	14	13
58/ 57		2.2	1.4	.3	.2	.1												44	44	23	10
56/ 55	.2	1.1	.3	.2	.9	.8												32	32	40	30
54/ 53	.1	.5	.5	.4	.1	.2	.1											21	21	17	27
52/ 51		.3	.6	.1	.8	.4	.1											22	22	15	13
50/ 49	.1	.6	.5	.9	.2	.4												27	27	24	14
48/ 47	.4	1.7	1.1	.9	.9	.5												51	51	28	12
46/ 45		1.5	1.5	1.2	.8	.1												47	47	47	19
44/ 43		2.5	1.8	1.2	.6		.2											59	59	39	26
42/ 41	.2	2.2	1.6	1.0	.3	.1												50	50	49	39
40/ 39	.9	2.8	1.6	.9	.6													63	63	72	46
38/ 37	.5	2.9	2.3	1.2	.3													67	67	67	51
36/ 35	.5	4.2	1.9	1.6	.5													82	82	67	54
34/ 33	.3	2.2	1.9	.8	.2													50	50	76	61
32/ 31	.1	3.4	2.0	.5	.2													59	59	54	62
30/ 29	.8	2.0	1.0	.9														43	43	80	47
28/ 27	.5	1.3	1.6	.3														35	35	46	70
26/ 25		1.9	1.5	.4														36	36	28	64
24/ 23	.1	.9	1.0	.1														21	21	45	41
22/ 21	1.0	1.1	.3	.2														24	24	33	31
20/ 19	.3	.6	.2															11	11	22	43
18/ 17		.3																3	3	10	24
16/ 15		.2																2	2	6	32
14/ 13																					20
12/ 11																					21
10/ 9																					13
8/ 7																					9
6/ 5																					7
4/ 3																					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												

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-7[illegible],73-80 YEARS | JAN MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3																					
TOTAL	6.	33	9.2	8.6	13.5	7.7	2.9	.3	.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.	5324962	68682	73.9	16.49	930							
Dry Bulb	1686525	38095	41.0	11.64	930		23.4	1.6				93
Wet Bulb	1436149	35036	37.7	11.18	930		32.4	.2				93
Dew Point	1154776	30370	32.7	13.24	930	.3	48.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 61 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-79,73-80 (YEARS) JAN (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69		.3	.2															5	5		
68/ 67		.1	.9															9	9	3	
66/ 65		.4	.5															9	9	7	3
64/ 63		.8	.8						.1									15	15	12	8
62/ 61		1.0	.4	.1			.1											15	15	8	12
60/ 59		1.4	.4	.1	.1	.3	.2	.2										26	26	18	11
58/ 57	.3	1.8	.6	.1	.1													28	28	20	19
56/ 55		1.6	.4	.1	.8	.2	.3											31	31	28	29
54/ 53		.6	.9	.2	.1	.1	.1											16	16	19	10
52/ 51	.1	.9	.6	.4	.5	.5	.2											31	31	12	19
50/ 49	.4	1.1	1.0	.5	.4	.1												39	39	25	17
48/ 47		2.2	.6	.6	.6	.4												40	40	27	14
46/ 45		1.9	2.3	.3	.9	.2												50	50	47	25
44/ 43	.1	1.4	1.7	.9	.3													41	41	35	28
42/ 41	.2	1.5	1.6	.3	.4	.2												40	40	48	22
40/ 39	1.5	2.0	1.0	2.0	.3	.1												65	65	71	43
38/ 37	.8	4.2	1.0	1.3	.3													70	70	60	51
36/ 35	.4	3.2	2.3	2.5	.2													80	80	59	64
34/ 33	.2	2.7	1.6	.6	.1													49	49	64	48
32/ 31	.3	4.4	1.6	.5	.2													66	66	74	53
30/ 29	1.0	2.6	1.0	1.0	.1													52	52	85	51
28/ 27	.6	1.9	1.6	.2														41	41	44	64
26/ 25		2.5	1.7	.1														40	40	38	76
24/ 23	.3	.6	1.2	.1														21	21	43	37
22/ 21	.8	1.0	1.2															27	27	37	41
20/ 19	.4	1.1	.1	.1														16	16	26	39
18/ 17		.5	.1															6	6	13	33
16/ 15																				7	29
14/ 13		.1																1	1	2	13
12/ 11	.1																	1	1	1	24
10/ 9																					25
8/ 7																					5
6/ 5																					3
4/ 3																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					1
0/ -1																					1
-2/ -3																					1
-4/ -5																					1
TOTAL	7.	64	3.3	26.	8	12.7	5.6	2.7	1.0	.2	.1							930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	544816.7	69521	74.8	16.459	930							
Dry Bulb	1618608	37222	40.0	11.777	930		27.1	1.4				93
Wet Bulb	1389700	34362	36.9	11.369	930		37.0	.3				93
Dew Point	1125274	29834	32.1	13.456	930	.3	50.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69		.2	.2	.1														5	5		
68/ 67		.1	.2	.1														4	4	3	
66/ 65		.4	.5	.1														10	10	3	3
64/ 63		.8	.6															14	14	11	1
62/ 61		.9	.8															15	15	14	15
60/ 59	.2	.9	.8		.1													18	18	15	16
58/ 57		1.6	.3		.4	.1	.1											24	24	18	19
56/ 55	.1	1.1	.5	.1		.1												18	18	20	16
54/ 53	.1	1.4	.8	.5	.3		.2											31	31	18	19
52/ 51	.3	.8	1.0	.1	.2	.4	.1											27	27	17	24
50/ 49	.5	1.2	1.0	.4	.5	.6	.1											41	41	29	15
48/ 47		1.3	.5	.4	.8	.6												34	34	27	14
46/ 45		1.4	1.5	.5	.5	.1												38	38	27	24
44/ 43		3.0	1.4	1.2	.1													53	53	36	23
42/ 41	.3	1.7	1.9	.3	.1													41	41	57	27
40/ 39	1.4	1.6	1.6	1.0	.5	.2												59	59	60	46
38/ 37	1.3	4.0	1.3	1.1	.3													74	74	72	34
36/ 35	.5	2.9	2.5	.9	.3													66	66	65	64
34/ 33	1.1	4.1	1.6	1.4														76	76	59	67
32/ 31	.6	3.2	2.3	.8	.3													67	67	77	61
30/ 29	1.1	1.7	.8	.8														40	40	69	56
28/ 27	.4	2.3	1.5	.2														41	41	47	54
26/ 25	.1	2.8	1.5	.2														43	43	38	51
24/ 23	.2	1.8	1.2	.1														31	31	62	38
22/ 21	.4	1.5	1.6															33	33	28	43
20/ 19	.8	.6	.1															14	14	40	36
18/ 17		.6	.2															8	8	13	46
16/ 15		.3																3	3	5	28
14/ 13		.1																1	1	4	22
12/ 11																				1	24
10/ 9	.1																	1	1	1	32
8/ 7																					6
6/ 5																					4
4/ 3																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03952 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PAGE 2 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
0/ -1																					3
TOTAL	9.	744.	328.	310.	3	4.	6	2.	3	.	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.	5594020	70610	75.9	15.836	930							
Dry Bulb	1548977	36381	39.1	11.636	930		28.2	.9				93
Wet Bulb	1346489	33767	36.3	11.387	930		38.5	.3				93
Dew Point	1103201	29459	31.7	13.529	930	.3	50.8					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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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
76/ 75											.1							1	1		
74/ 73									.2									2	2		
72/ 71					.2													2	2		
70/ 69		.1	.4	.4	.3	.1	.2	.1										16	16		
68/ 67		.1	.6	.3	.2			.2										14	14	2	1
66/ 65		.4	.9	.8	.1		.5	.1	.1									27	27	8	2
64/ 63		.6	.5	.5	.1	.1	.1		.3									22	22	21	6
62/ 61		.2	.8	.3	.1	.5	.4	.1	.1									24	24	15	17
60/ 59		.8	.8	.3	.3	.2	.2	.3	.2									29	29	18	15
58/ 57		1.3	.5	.1	.9	.4	.3	.4										35	35	24	16
56/ 55		.6	.9	.2	.5	.8	.6	.3	.1									37	37	27	23
54/ 53	.3	.5	.5	.4	.6	.5	.3	.1										32	32	28	27
52/ 51	.2	.8	.6	.6	.9	.3	.2	.1										39	39	20	19
50/ 49	.2	1.0	1.1	1.0	1.0	.6	.3											48	48	37	19
48/ 47		1.4	.3	.9	.4	.5												33	33	34	17
46/ 45		1.2	1.6	1.2	1.3	.8	.1											57	57	33	29
44/ 43	.1	1.8	.9	1.2	.5	.4												46	46	50	32
42/ 41	.2	2.2	1.4	1.4	.9	.5	.1											62	62	62	31
40/ 39	.6	1.6	1.2	1.3	.4	.4												52	52	61	47
38/ 37	.6	1.7	.5	1.8	.9	.1												52	52	66	55
36/ 35	.5	3.1	1.2	1.1	.9													68	68	52	54
34/ 33	.8	2.0	1.2	.8	.6													50	50	69	55
32/ 31	.9	1.5	1.6	1.3	.2													51	51	72	72
30/ 29	.5	.6	1.3	1.5	.1													38	36	43	50
28/ 27	.6	.8	1.0	.6	.1													29	29	40	48
26/ 25		1.0	1.4	.4														26	26	38	41
24/ 23		1.1	.9															18	18	33	32
22/ 21	.3	.5	.5	.1														14	14	33	29
20/ 19	.2	.2																4	4	19	51
18/ 17		.1																1	1	2	21
16/ 15		.1																1	1	2	31
14/ 13																				1	30
12/ 11																					24
10/ 9																					23

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7																					8
6/ 5																					5
4/ 3																					2
2/ 1																					3
0/ -1																					2
-4/ -5																					1
TOTAL	6.	22	7.	42	3.	11	8.	5	11.	5	6.	9	3.	5	1.	6	1.	1	.1		
																		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.	4640145	63089	67.8	19.709	930							
Dry Bulb	1932090	40806	43.9	12.347	930		18.2	3.5	.3			93
Wet Bulb	1560228	36598	39.4	11.365	930		28.3	.2				93
Dew Point	1181895	30533	32.8	13.899	930	.3	47.2	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JAN 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
86/ 85													.1					1	1		
84/ 83													.2					2	2		
82/ 81													.2					2	2		
80/ 79								.1			.3	.1						5	5		
78/ 77						.1	.2	.1		.1	.1							6	6		
76/ 75						.3	.4	.4	.3	.5	.1							20	20		
74/ 73				.1	.3	.1	.1	.3	.2	.2	.1							14	14		
72/ 71				.6	.5	.4	.3	.2	.3	.3	.3	.1						30	30		
70/ 69		.2		.3	.2	.3	.2	.2		.3	.1							18	18	1	
68/ 67		.1	.5	.3	.5	.5	.5	.5	.2	.5	.2							38	38	7	2
66/ 65		.1	.4	.3	.3	.5	.3	.4	.9	.2	.3							36	36	17	1
64/ 63			.3	.4	1.0	.4	.6	.6	.2	.8								41	41	21	9
62/ 61		.3	.4	.6	.6	.3	1.2	.2	.5		.1							41	41	20	13
60/ 59		.3	.4	.4	.3	.3	.3	.4	.1	.1								26	26	33	13
58/ 57		.5	.3	.3	.2	.3	.6	.4	.3									33	33	34	19
56/ 55		.2		.6	.4	.9	1.0	.9	.2									39	39	41	19
54/ 53		.5	.4	.6	.4	.6	.8	.4	.1									38	38	36	26
52/ 51		.5	.1	.5	.5	1.1	1.4	.3	.1									43	43	35	16
50/ 49		.4	.3	.5	.5	.9	.6	.3										34	34	45	33
48/ 47		.5	.3	.8	.9	1.3	.5	.3										43	43	33	27
46/ 45	.1	1.6	.8	1.1	1.0	1.1	.4											56	56	59	23
44/ 43	.3	1.7	.9	.5	.4	.4	.6											46	46	54	32
42/ 41		.9	1.0	.4	1.3	.3	.2											38	38	67	50
40/ 39	.3	1.1	.5	.9	1.8	1.1												53	53	63	36
38/ 37	.6	2.0	.6	1.3	.5	.6												54	54	54	45
36/ 35	.6	1.1	.3	1.1	.9	.4												41	41	58	65
34/ 33	.2	1.5	1.2	.3	1.0	.1												40	40	54	67
32/ 31	.9	1.2	.5	1.3	.5													41	41	64	55
30/ 29		.3	.4	.3	.1													11	11	38	43
28/ 27	.3	.8	.5	.3														18	18	29	33
26/ 25		.6	.4															10	10	31	46
24/ 23		1.0																9	9	23	35
22/ 21		.1																1	1	10	44
20/ 19																				1	51

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (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
18/ 17																				25
16/ 15																				25
14/ 13																				21
12/ 11																				24
10/ 9																				24
8/ 7																				6
6/ 5																				4
4/ 3																				2
2/ 1																				1
0/ -1																				2
-4/ -5																				1
TOTAL	3.4	17.8	10.9	14.2	14.4	13.1	10.6	6.4	3.6	3.1	1.7	.2	.5					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.	3474033	52845	56.9	22.391	928							
Dry Bulb	2507077	46513	50.1	13.770	928		9.0	13.6	5.0	.7		93
Wet Bulb	1810323	39641	42.7	11.234	928		19.6	.8				93
Dew Point	1209443	30935	33.3	13.866	928	.3	44.5	.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85														.1				1	1		
84/ 83													.2	.1				3	3		
82/ 81												.2	.1	.1				4	4		
80/ 79								.4	.1			.3						8	8		
78/ 77							.4	.1		.5	.9	.1						19	19		
76/ 75					.4		.2	.5	.3	.2	.5							21	21		
74/ 73				.3	.4	.2	.3		.4	.1	.1	.2	.1					21	21		
72/ 71			.2	.1	.4	.4	.3	.2	.2	.5	.5	.2						31	31		
70/ 69		.1	.2	.3	.4	.5	.3	.5	.4	.3	.2	.1						33	33	2	
68/ 67			.4	.3	.2	.5	.6	.4	.5	.1	.6	.2						38	38	9	3
66/ 65			.2	.2	.2	1.0	.3	1.3	.1	.8	.1	.2						41	41	19	1
64/ 63		.1	.4	.1	.4	.3	.8	1.0	.1	.4	.1							39	39	19	8
62/ 61		.2	.2	.5	.1		.1	.5	.3	.1								20	20	24	15
60/ 59			.6	.2	.6	1.0	1.0	1.3	.1	.3								48	48	33	7
58/ 57		.8	.3		.3	.4	.6	1.0	.5									37	37	38	22
56/ 55		.5	.4	.1	.3	.9	1.4	1.2	.2									47	47	45	23
54/ 53		.3	.3	.8		.4	1.2	.6	.3									37	37	39	27
52/ 51		.1	.2	.3	.2	.5	.6	1.1	.3									32	32	47	15
50/ 49		.3	.5	.8	1.2	.8	.3	.6										42	42	33	23
48/ 47	.1	1.0	.4	.5	.6	.5	.5	.1										36	36	53	26
46/ 45		1.8	1.0	.3	.8	1.2	.2	.1										52	52	55	24
44/ 43		1.3	1.0	.5	.9	1.1	.5											49	49	62	40
42/ 41		.5	.3	.4	1.6	1.2	.5											43	43	69	45
40/ 39	1.0	1.4	1.3	.4	.4	.9												50	50	56	56
38/ 37	.1	1.2	.4	1.3	.4	.6	.1											39	39	49	43
36/ 35	.8	1.3	.3	.8	1.1	.1												40	40	61	45
34/ 33	.1	2.0	.3	.9	.6													37	37	54	59
32/ 31	.4	.9	.6	.4	.2													24	24	56	66
30/ 29	.3	.2	.5	.6														16	16	35	45
28/ 27	.1	.3	.2															6	6	35	44
26/ 25		.8	.1															8	8	16	38
24/ 23		.8																7	7	16	30
22/ 21	.1																	1	1	5	46
20/ 19																					42

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 JUL REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					39
16/ 15																					21
14/ 13																					22
12/ 11																					22
10/ 9																					18
8/ 7																					14
6/ 5																					1
4/ 3																					1
2/ 1																					2
TOTAL	3.0	15.9	10.8	10.5	12.0	13.0	10.5	11.2	4.1	3.4	3.1	1.6	.4	.3					930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3201690	50110	53.9	23.238	930							
Dry Bulb	2715660	48538	52.2	14.012	930		6.2	17.9	7.7	1.1		93
Wet Bulb	1896796	40740	43.8	10.986	930		16.3	1.1				93
Dew Point	1212748	31098	33.4	13.641	930		45.2	.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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77														.1				1	1		
76/ 75						.1												1	1		
74/ 73				.1	.1		.1		.1									4	4		
72/ 71			.3	.3	.2		.1	.2										11	11		
70/ 69		.2	.1	.2	.3	.2		.1	.2		.1							14	14		
68/ 67			.3	.3	.4	.1	.5	.1	.1	.1								19	19	8	2
66/ 65		.3	.9	.5	.2	.2		.2	.4	.1								27	27	4	4
64/ 63		.4	.6	.9	.3	.1	.4		.1									27	27	14	3
62/ 61		.6	.5	.5	.1	.3	.2	.2	.4									28	28	17	11
60/ 59		.3	.8	.6	.5	.9	.2	.2	.2									35	35	27	13
58/ 57		1.2	.6	1.2	.9	.4	.5	.1	.2									48	48	22	19
56/ 55		.6	.4	.6	.6	.8	.2		.1									32	32	34	22
54/ 53		.2	.4	.9	.4	.2	.6	.4										30	30	24	29
52/ 51		.8	.5	1.0	1.1	.8	.3											39	39	36	21
50/ 49		.3	1.3	.9	1.4	1.3	.8	.1										56	56	41	15
48/ 47	.3	1.7	.6	1.1	1.3	.9	.6											61	61	34	25
46/ 45		1.3	1.2	1.2	.8	.5	.1											47	47	59	20
44/ 43		2.0	1.0	1.4	1.2	.4	.1											57	57	49	35
42/ 41	.1	1.3	1.2	1.0	.9	.4												45	45	75	56
40/ 39	.5	2.5	1.2	1.1	1.4	.2	.1											65	65	61	50
38/ 37	1.0	1.4	.6	1.7	1.1	.4												58	58	82	51
36/ 35	.4	1.5	1.7	1.1	1.2	.1												56	56	56	38
34/ 33		2.5	1.2	.8	.6													47	47	46	57
32/ 31	.5	1.8	1.1	1.1	.4													46	46	76	73
30/ 29	.8	.5	1.9	.1														31	31	52	63
28/ 27		.9	.8	.2														17	17	37	43
26/ 25		.5	.3															8	8	37	49
24/ 23	.1	1.0	.2															12	12	16	47
22/ 21	.3	.3	.2															8	8	16	34
20/ 19																				6	31
18/ 17																					35
16/ 15																					25
14/ 13																					28
12/ 11																					10

Element (λ)	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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					13
8/ 7																					5
6/ 5																					6
4/ 3																					2
TOTAL	4.	12	4.	12	0.	1	18.	7	15.	9	8.	4	5.	1	1.	7	1.	9	.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.	4314194	60614	65.2	19.783	930							
Dry Bulb	2106453	42843	46.1	11.955	930		12.2	5.0	.6			93
Wet Bulb	1657446	37980	40.8	10.702	930		24.1	.8				93
Dew Point	1219823	31395	33.8	13.123	930		46.0	.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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (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
70/ 69			.6	.2						.1								9	9		
68/ 67		.3	.1															4	8	1	
66/ 65		.5	.2	.2	.1	.2		.1		.1								14	14	8	5
64/ 63		.3	1.1	.6	.1		.1		.1									22	22	9	6
62/ 61		.9	1.4	.3	.1													25	25	6	7
60/ 59		1.3	1.2	.5	.2	1.0		.1										40	40	28	9
58/ 57		.5	.5	.5	.3	.4	.1											23	23	28	27
56/ 55		1.8	.5	.8	.6	.4	.1											40	40	25	17
54/ 53		.3	.2	.9	.3	.2	.1											19	19	24	30
52/ 51		.3	.9	.1	1.2	.4	.2											29	29	17	17
50/ 49		1.3	.9	.9	.6	.3	.1											38	38	28	13
48/ 47		1.4	1.0	.9	1.4	.9												51	51	39	21
46/ 45		2.5	2.5	1.5	.6	.1	.2											69	69	48	22
44/ 43	.2	1.4	1.4	1.2	1.1		.1											50	50	48	32
42/ 41	.3	1.8	1.9	1.3	.2	.3												55	55	66	48
40/ 39	.3	2.0	2.0	1.7	.3													60	60	52	44
38/ 37	1.0	3.7	1.2	1.4	.9													75	75	80	56
36/ 35	.9	2.2	1.5	1.1	.3	.1												56	56	74	46
34/ 33	.1	1.5	2.5	1.6	.2													57	57	57	61
32/ 31	.1	3.4	1.6	1.5	.1													63	63	56	76
30/ 29	1.6	1.8	1.0	.6														47	47	78	47
28/ 27		.6	1.6	.1														22	22	47	56
26/ 25	.1	1.5	.3	.4														22	22	38	59
24/ 23	.1	1.3	.5	.1														19	19	34	38
22/ 21	.5	.1	.5															11	11	16	30
20/ 19	.2	.9																10	10	15	33
18/ 17																				8	38
16/ 15																					37
14/ 13																					16
12/ 11																					8
10/ 9																					12
8/ 7																					10
6/ 5																					3
4/ 3																					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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 1																					1
0/ -1																					
TOTAL	5.	53.	82	7.2	18.7	8.8	4.4	1.1	.2	.1	.2							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.	5062922	66720	71.7	17.246	930							
Dry Bulb	1807433	39599	42.6	11.428	930		19.4	1.3				93
Wet Bulb	1510163	36103	38.8	10.813	930		29.2	.1				93
Dew Point	1191327	31035	33.4	12.944	930	.2	46.7					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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (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
86/ 85													.0	.0				2	2		
84/ 83													.1	.0				5	5		
82/ 81												.0	.0	.0				6	6		
80/ 79								.1	.0		.0	.1						13	13		
78/ 77						.0	.1	.0		.1	.1	.0		.0				26	26		
76/ 75					.1	.1	.1	.1	.1	.1	.1							43	43		
74/ 73				.1	.1	.0	.1	.0	.1	.0	.0	.0	.0					41	41		
72/ 71			.1	.1	.2	.1	.1	.1	.1	.1	.1	.0						74	74		
70/ 69		.2	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0						104	104	3	
68/ 67		.2	.5	.2	.2	.1	.2	.2	.1	.1	.1	.0						140	140	35	8
66/ 65		.3	.5	.3	.1	.2	.1	.3	.2	.2	.1	.0						171	171	75	29
64/ 63		.4	.6	.3	.3	.2	.3	.2	.1	.1	.0							186	186	117	46
62/ 61		.7	.7	.4	.1	.1	.3	.1	.2	.0	.0							195	195	111	101
60/ 59	.0	.7	.7	.3	.3	.5	.2	.3	.1	.1								245	245	186	97
58/ 57	.0	1.2	.6	.3	.5	.3	.3	.2	.1									272	272	207	150
56/ 55	.0	.9	.4	.3	.5	.6	.5	.3	.1									276	276	258	179
54/ 53	.1	.6	.5	.6	.3	.3	.4	.2	.1									224	224	205	190
52/ 51	.1	.5	.6	.4	.7	.6	.4	.2	.1									262	262	199	141
50/ 49	.2	.8	.8	.7	.7	.7	.3	.1										325	325	262	149
48/ 47	.1	1.4	.6	.8	.9	.7	.2	.1										349	349	275	158
46/ 45	.0	1.6	1.5	1.0	.8	.5	.1	.0										416	416	395	187
44/ 43	.1	1.9	1.3	1.0	.6	.3	.2											401	401	367	248
42/ 41	.2	1.5	1.4	.8	.7	.4	.1											374	374	493	314
40/ 39	.8	1.9	1.3	1.2	.7	.4	.0											467	467	495	368
38/ 37	.7	2.6	1.0	1.4	.6	.2	.0											489	489	530	381
36/ 35	.6	2.4	1.5	1.2	.7	.1												489	489	492	432
34/ 33	.3	2.3	1.4	.9	.4	.1												406	406	479	465
32/ 31	.5	2.5	1.4	.9	.3													417	417	529	518
30/ 29	.8	1.2	1.0	.7	.0													278	278	480	403
28/ 27	.3	1.1	1.1	.3	.0													209	209	325	412
26/ 25	.0	1.5	.9	.2														193	193	264	424
24/ 23	.1	1.0	.6	.1														138	138	274	298
22/ 21	.4	.6	.6	.0														119	119	178	298
20/ 19	.2	.4	.1	.0														55	55	128	326

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JAN (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
18/ 17		.2	.0															18	18	46	261
16/ 15		.1																6	6	20	223
14/ 13		.0																2	2	7	177
12/ 11	.0																	1	1	2	159
10/ 9	.0																	1	1	1	159
8/ 7																					62
6/ 5																					29
4/ 3																					20
2/ 1																					9
0/ -1																					10
-2/ -3																					4
-4/ -5																					2
TOTAL	5.7	30.8	22.0	14.7	10.0	6.7	4.1	2.7	1.4	.9	.6	.2	.1	.1				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.	37060603	502187	67.5	20.596	7438							
Dry Bulb	15922823	329997	44.4	13.130	7438		143.7	45.4	13.6	1.8		744
Wet Bulb	12607289	294227	39.6	11.412	7438		225.5	3.8				744
Dew Point	9398487	244659	32.9	13.478	7438	1.7	380.0	.8				744

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (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
68/ 67			.7							.1								7	7		
66/ 65		.5	1.4	.4			.1											20	20	2	
64/ 63		1.1	.9	.4			.1	.1	.1	.1								24	24	8	3
62/ 61		.7	1.5	.2					.2	.1								24	24	29	9
60/ 59	.4	1.4	1.3	.4			.2		.4									34	34	17	27
58/ 57	.5	.8	1.3	.2	.1	.7	.4	.1										35	35	35	27
56/ 55	.4	1.2	.4	.9	.6	.7	.1	.1										37	37	20	25
54/ 53	.5	2.6	1.4	.4	1.4	1.2		.4										66	66	29	24
52/ 51	.6	.7	.4	.2	2.0	.4		.1										37	37	34	33
50/ 49	.6	1.5	1.7	.8	2.2	.5	.5											66	66	34	26
48/ 47	.5	2.1	1.1	.8	1.1	.4	.2											52	52	45	23
46/ 45	.1	2.2	1.1	1.2	.6	.4	.4											50	50	64	28
44/ 43	.2	3.1	1.1	1.8	1.3	.5												67	67	67	30
42/ 41		2.8	1.4	1.4	.1	.5												53	53	69	36
40/ 39	.7	2.2	3.2	1.5	.2													67	67	57	49
38/ 37	.5	1.1	1.9	1.5	.4													45	45	74	47
36/ 35	.1	3.1	1.4	.7														45	45	56	69
34/ 33	.5	1.7	1.1	.4														30	30	70	53
32/ 31	.4	1.4	1.8	.4														33	33	35	84
30/ 29	.8	1.5	.7															26	26	38	42
28/ 27		1.1	.9	.1														18	18	28	44
26/ 25		.7	.1															7	7	19	38
24/ 23		.4																3	3	13	34
22/ 21																				3	36
20/ 19																					20
18/ 17																					15
16/ 15																					17
14/ 13																					4
12/ 11																					5
10/ 9																					1
TOTAL	6.6	33.9	26.7	13.7	10.0	5.1	2.0	.8	.7	.4								846		846	846

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.	4757570	61592	72.8	17.989	846							
Dry Bulb	1875929	38911	46.0	10.103	846		8.6	.7				84
Wet Bulb	1578009	35603	42.1	9.712	846		13.5					84
Dew Point	1272995	31229	36.9	11.928	846		33.8					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

03902 (STATION) ROBERT GRAY AAF T/ (FORT H[illegible]OC) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BU. & TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69				.1														1	1		
68/ 67			.9	.1														9	9		
66/ 65		.8	.[illegible]						.2									11	11		
64/ 63	.2	1.1	1.5	.1					.1									25	25	16	1
62/ 61	.1	1.5	.9		.2			.1										24	24	16	16
60/ 59	.1	1.9	.5				.2	.1										31	31	27	18
58/ 57	.2	.[illegible]	1.1	.1	.1	.[illegible]	.[illegible]	.1	.2									23	2[illegible]	28	25
56/ 59	.6	.[illegible]	.[illegible]	.5	.[illegible]	.[illegible]	.2											28	28	15	33
54/ 53	.6	1.[illegible]	1.1	.4	.2		.[illegible]	.[illegible]										33	33	24	14
52/ 51	1.2	1.5	1.4	.2	1.2	.[illegible]	.4	1										58	58	26	30
50/ 49	.4	1.4	1.[illegible]	1.3	2.6	.5												63	63	34	21
48/ 47	.6	3.2	.[illegible]	.9	.7	.6												46	46	52	26
46/ 45	.1	2.2	.5	1.3	.4	.4	.5											45	45	45	28
44/ 43	.1	2.4	1.2	1.4	.7	.5	.3											55	55	46	29
42/ 41	.8	3.0	2.0	.8	.7	.2												64	64	77	38
40/ 39	.7	3.8	3.0	1.1	.1	.1												74	74	64	43
38/ 37	.5	2.4	2.2	.9	.1	.1												52	52	63	49
36/ 35		2.7	[illegible].1	1.3														52	52	71	55
34/ 33	1.3	2.1	1.7	.6														48	48	73	70
32/ 31	.5	1.5	2.1	.4														38	38	50	80
30/ 29	.7	2.1	.7	.1														31	31	41	47
28/ 27		1.1	.1															10	10	39	43
26/ 25		.8	1.1															16	16	13	31
24/ 23		.4	.1															4	4	15	38
22/ 21	.1	.4	.1															5	5	6	33
20/ 19																				5	29
18/ 17																					12
16/ 15																					18
14/ 13																					8
12/ 11																					6
10/ 9																					3
TOTAL	8.7	37.6	27.6	12.1	7.3	2.5	2.7	.7	.6										846		846
																		846		846	

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.	500782	63901	74.9	17.420	846							
Dry Bulb	1764459	37645	44.5	10.283	846		10.2	1.0				84
Wet Bulb	1508197	34715	41.0	9.952	846		16.8					84
Dew Point	1237752	30714	36.3	12.049	846		34.8					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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) 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	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69			.1															1	1		
68/ 67			.7															6	6		
66/ 65		.5	.5															8	8	1	
64/ 63		.4	.7	.4	.1		.1		.2									16	16	11	
62/ 61	.2	2.4	.9	.2		.1												33	34	10	15
60/ 59	.4	1.8	.5				.2	.2	.1									27	27	31	15
58/ 57		1.1	.1		.2	.1	.4	.1										17	17	28	29
56/ 55	.1	1.4	.2	.1	.1	.4	.1	.2										23	23	16	26
54/ 53	.4	2.2	1.1	.2		.4	.2	.1										39	39	19	16
52/ 51	1.5	1.5	1.1	.1	.7	.7												48	48	29	35
50/ 49	.4	1.2	1.2	.9	1.2	.4	.5											48	48	31	19
48/ 47	.2	2.1	1.1	.9	1.1	.2	.1	.1										50	50	32	15
46/ 45	.5	3.1	1.7	1.5	.4	.5	.4											67	67	57	35
44/ 43	.4	1.7	1.8	1.1		.4	.1											45	45	48	30
42/ 41	.8	2.6	1.7	1.3	.1	.2												57	57	69	42
40/ 39	.5	5.1	2.0	1.7	.9	.2												88	88	68	30
38/ 37	.1	2.0	2.1	1.2	.2													48	48	70	51
36/ 35	.5	3.4	2.2	.9														60	60	58	56
34/ 33	1.9	1.4	1.5	.4														44	44	84	72
32/ 31	.1	3.7	2.4															52	52	47	73
30/ 29	.5	1.4	1.1															25	25	59	49
28/ 27		1.2	.6															15	15	30	51
26/ 25		1.2	.4															13	13	16	40
24/ 23		.7	.5															10	10	18	32
22/ 21		.5																4	4	6	31
20/ 19		.1																1	1	6	34
18/ 17																				1	19
16/ 15																					15
14/ 13																					10
12/ 11																					3
10/ 9																					3
TOTAL	8.4	42.6	26.0	11.0	5.1	3.6	2.1	.8	.4										846		845
																		845		845	

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.	5124879	64219	76.0	17.014	845							
Dry Bulb	1703247	36975	43.7	10.160	846		11.9	.7				84
Wet Bulb	1463302	34156	40.4	9.897	845		18.2					84
Dew Point	1212429	30371	35.9	11.965	845		35.7					84

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) 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		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
78/ 77										.1									1	1		
76/ 75									.1				.1						2	2		
74/ 73						.1			.1	.1									3	3		
72/ 71					.1	.5	.1	.1	.1		.1								9	9		
70/ 69			.4	.4	.5	.1	.4			.4	.2								19	19		
68/ 67			.5	.8	.6	.6	.2	.2	.1	.1	.2								29	29		
66/ 65		.2	.8	1.7	.2	.2	.1	.1	.2	.1	.1	.1							34	34	4	
64/ 63	.1	.8	.7	.7	.6	.4	.4	.1	.2	.4	.2								39	39	18	3
62/ 61	.2	.8	.9	.6	.2	.4	.5	.5											35	35	33	17
60/ 59	.1	.6	.6	.5	.4	.5	.6	1.1	.2	.1									39	39	35	17
58/ 57		.5	.8	.7	1.1	.5	.6	.2											37	37	29	29
56/ 55		.9	.5	.4	.1	1.4	.5	.5	.1										37	37	24	31
54/ 53	.2	1.8	.7	1.2	.9	.6	.4	.7	.1										56	56	40	23
52/ 51	.5	1.1	.8	1.8	1.1	.6	.7	.1											56	56	39	33
50/ 49	.1	1.5	1.5	.8	1.3	1.4	.6												62	62	45	34
48/ 47	.2	2.4	.8	.9	1.4	.6	.4												57	57	56	20
46/ 45		1.8	.7	.6	1.5	1.1	.1												49	49	80	34
44/ 43	.4	1.2	1.5	1.2	1.1	.9	.1												50	50	61	42
42/ 41	.1	2.2	.6	.9	.5	.1	.1												39	39	57	47
40/ 39	.1	1.8	1.5	1.3	.2	.1													43	43	63	41
38/ 37	.1	1.9	.8	.8	.4														34	34	62	48
36/ 35	.5	1.5	1.1	.7	.1														33	33	52	58
34/ 33	1.2	.1	1.2	.4															24	24	48	46
32/ 31	.1	1.7	.9	.6	.1														29	29	27	60
30/ 29	.4	.5	.7																13	13	32	42
28/ 27		.6	.7	.1															12	12	14	46
26/ 25		.4	.2																5	5	18	44
24/ 23																					8	28
22/ 21																					1	29
20/ 19																						29
18/ 17																						17
16/ 15																						17
14/ 13																						5
12/ 11																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temprrature						
						≤ 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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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		
	0	1 - 2	3 - 4	5 - 6	7 - 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																					5
TOTAL	4.4	24.2	19.1	17.1	12.3	9.6	5.7	3.7	1.4	1.3	.9	.1	.1						846		845
																		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.	4023172	55689	65.8	20.599	846		5.9	6.3	.6			84
Dry Bulb	2201269	42110	49.8	11.159	846		9.9					84
Wet Bulb	1730893	37357	44.2	9.810	846		32.1					84
Dew Point	1307447	31605	37.4	12.247	846							84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | FEB 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
86/ 85													.1					1	1		
84/ 83												.2						2	2		
82/ 81										.4	.1	.2		.2				8	8		
80/ 79								.4	.1	.2	.4	.2		.2				13	13		
78/ 77							.2	.4	.6	.4	.4	.2	.4	.2				23	23		
76/ 75						.2	1.1	1.3	.5	.1	.4	.2	.2					34	34		
74/ 73					.4	.6	1.1	.2	.1	.4	.4	.9	.4					37	37		
72/ 71				.2	.5	.8	.8	.7	.4	.4	.1	.2	.1					36	36		
70/ 69				.7	.5	.5	.2	.8	.4	.4	.5	.6	.2					40	40		
68/ 67			.1	.2	.5	.4	.4	.1	.5	.5	.6	.4						30	30	3	
66/ 65		.1	.6	.4	.8	.5	.7	.4	.7	.5	.4							42	42	16	
64/ 63			.1	.5	.7	.8	.5	.8	.4	.4								35	35	39	2
62/ 61	.2	.1		.6	.8	1.2	1.1	.8	.4	.4								47	47	48	14
60/ 59		.2	.7	.3	.6	1.1	.4	.6	.7	.4								46	46	31	17
58/ 57	.1	.6	.1	.6	.4	.6	.9	.9	.7	.1								43	43	33	21
56/ 55	.2	.5	.5	.6	.5	.7	.9	1.1	.1									43	43	53	27
54/ 53	.1	.7	.8	.4	.5	.4	1.7	.9	.1									47	47	53	43
52/ 51	.1	1.1	.8	.4	.1	.9	.8	.6	.2									43	43	68	30
50/ 49		.5	.8	1.4	.9	.8	.6	.1										44	44	61	36
48/ 47		1.5	.4	.6	.8	.4	.6	.1										37	37	50	40
46/ 45		1.1	.5	.5	.8	.5	.1											29	29	57	43
44/ 43		1.2	.6	1.1	.5	.7												34	34	63	39
42/ 41		.8	.7	.5	.4	.1												21	21	59	44
40/ 39		1.4	1.3	.6	.8	.1												36	36	46	41
38/ 37	.2	1.3		.7	.7													25	25	50	34
36/ 35	.1	.2	.1	.7	.1													11	11	35	54
34/ 33	.7	.4	.1	.5														15	15	22	39
32/ 31	.1	1.2	.4	.5														18	18	23	53
30/ 29		.1																1	1	19	53
28/ 27		.6																5	5	9	33
26/ 25																				8	23
24/ 23																					39
22/ 21																					37
20/ 19																					30

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | FEB 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
18/ 17																				26
16/ 15																				13
14/ 13																				10
12/ 11																				3
10/ 9																				1
8/ 7																				1
TOTAL	2.0	13.6	8.6	12.3	11.3	11.2	12.1	10.3	5.8	4.3	3.1	3.3	1.4	.7				846	846	846
																	846		846	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2824983	45003	53.2	22.586	846							
Dry Bulb	2883879	48163	56.9	12.961	846		2.4	22.2	11.7	1.7		84
Wet Bulb	1997882	40276	47.6	9.749	846		5.9	.3				84
Dew Point	1315251	31653	37.4	12.449	846		32.0					64

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85													.2	.1	.2			5	5		
84/ 83											.2	.5	.2	.1	.1			10	10		
82/ 81									.2	.1	.5	.1	.1	.1	.1			15	16		
80/ 79							.1	.7	1.3	.2	.6	.4	.5	.2	.1			35	35		
78/ 77						.1	.7	.7	.2	.5	.2	.1	.5	.2				28	28		
76/ 75					.2	.7	.7	.8	.6	.5	.6	.1	.5	.1				41	41		
74/ 73					.4	.5	.6	.5	.9	.2	.5	.2	.6					37	37		
72/ 71					.2	.6	.9	.1	.4	.8	.6	1.1	.6					45	45		
70/ 69			.1		.1	.8	.1	.7	.4	.4	.6	.7	.1					34	34		
68/ 67					.6	.7	.8	.7	1.3	.5	.1	.2						42	42	4	
66/ 65				.2	.8	.1	.6	.5	.9	.6	.1							33	33	30	
64/ 63			.2	.1	.1	.7	1.3	.4	.7	.5	.1							35	35	33	4
62/ 61	.4		.2	.7	.4	.4	.7	.7	.7	1.2								45	45	36	9
60/ 59	.2	.4	.5	.7	.8	.6	1.2	1.2	.7	.4								56	56	46	11
58/ 57		.4	.6	.8	.5	.5	.5	.9	.7	.1								42	42	46	23
56/ 55		.2	.5	.1	.4	.8	.9	1.5	.4									41	41	51	22
54/ 53		1.3	.1		.2	.5	.2	.7	.2									28	28	64	36
52/ 51		.4	.4	.1	1.2	.7	1.2	.1										34	34	70	45
50/ 49		.9	.9	1.2	.6	1.3	.2	.6										49	49	55	32
48/ 47		1.4	.8	.5	.9		.5	.1										36	36	53	33
46/ 45		.1	.7	.6	.2	.5	.2											20	20	57	49
44/ 43		1.8	1.3	.4	.1	1.2												40	40	71	38
42/ 41	.1	.1	.2	.6	.7	.4												18	18	62	36
40/ 39	.2	.6	.4		.9	.1												19	19	46	50
38/ 37		1.1		.6	.5													18	18	19	51
36/ 35		.1	.2	.2	.1													6	6	34	51
34/ 33	.5	.9																12	12	23	35
32/ 31	.1	.9	.4	.4														15	15	25	69
30/ 29		.4																3	3	10	40
28/ 27		.2																2	2	7	29
26/ 25		.1																1	1	3	41
24/ 23																				1	27
22/ 21																					39
20/ 19																					35

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 SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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				
18/ 17																					24
16/ 15																					11
14/ 13																					6
12/ 11																					7
10/ 9																					2
8/ 7																					1
TOTAL	1.5	11.3	7.6	7.2	10.0	11.1	11.6	11.0	9.7	5.9	4.1	3.4	3.3	1.5	.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.	2423867	41033	48.5	22.654	846							
Dry Bulb	3152092	50186	59.6	13.377	846		2.1	29.1	17.1	4.7		84
Wet Bulb	2082248	41198	48.7	9.484	846		4.6	.4				84
Dew Point	1287515	31341	37.0	12.233	846		32.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81													.1	.1				2	2		
80/ 79													.1					1	1		
78/ 77							.1	.2		.1	.1		.4					8	8		
76/ 75						.1	.4	.2	.1	.1			.2					10	10		
74/ 73					.1	.5	.7	.5		.1	.2	.4						21	21		
72/ 71				.1	.5	1.1	.1	.1	.2	.2		.2						22	22		
70/ 69			.1	.6	.6	.8	.7	.4	.4	.2	.4		.1					36	36		
68/ 67			.4	.4	.8	.2	.4	.2	.5	.6	.5	.2						35	35	1	
66/ 65			.4	.2	1.1	.5	.1	.2	.8	.2		.1						31	31	10	
64/ 63				1.2	1.2	.5	.5	.4	.2	.4	.1							37	37	21	2
62/ 61	.2	.2	.5	.4	1.1	.5	.6	.8	.2	.1								39	39	27	9
60/ 59	.1	.1	.7	1.1	.4	.6	.7	.7	.5									41	41	35	10
58/ 57	.2	.8	.7	.6	1.2	1.8	.2	.5	.1	.1								57	57	32	22
56/ 55		.6	1.3	.6	.5	.5	1.2	.5	.2									45	45	45	23
54/ 53	.1	1.7	.1	.6	1.2	.9	.9	.7										53	53	50	40
52/ 51	.1	.9	.5	.9	.9	1.3	.6	.4										48	48	54	44
50/ 49		.7	1.9	1.4	1.4	.9	.5	.5										62	62	55	34
48/ 47	.4	1.7	.8	1.1	1.2	.8	.5	.1										55	55	64	37
46/ 45	.1	.9	1.5	.5	.9	.4	.2											39	39	68	33
44/ 43		1.5	1.7	1.2	.5	.4												44	44	72	30
42/ 41	.2	.9	2.0	1.8	.7	.5												52	52	65	41
40/ 39		.8	.5	.5	.8	.1												23	23	58	47
38/ 37	.1	.9	.2	.8	.1													19	19	56	56
36/ 35		.8	.1	1.3														19	19	35	50
34/ 33	.2	.6	.6	.2														14	14	30	58
32/ 31	.6	1.3	.7	.4														25	25	28	63
30/ 29		.4	.2															5	5	23	46
28/ 27		.4																3	3	9	47
26/ 25																				8	32
24/ 23																					23
22/ 21																					34
20/ 19																					22
18/ 17																					17
16/ 15																					12

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) 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
14/ 13																					6
12/ 11																					6
10/ 9																					1
TOTAL	2.5	15.4	14.9	15.7	15.1	12.3	8.4	6.9	3.3	2.2	1.3	.9	.9	.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.	3297571	49743	58.8	21.004	846							
Dry Bulb	2528748	45216	53.4	11.518	846		3.3	13.4	4.2	.2		84
Wet Bulb	1862242	38914	46.0	9.249	846		6.8	.1				84
Dew Point	1305108	31718	37.5	11.714	846		30.7					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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.1											1	1		
72/ 71						.1												1	1		
70/ 69					.1	.5	.2			.2	.1	.1						11	11		
68/ 67			1.2		.4	.7				.1		.1						21	21		
66/ 65		.2	.9	1.3		.1	.2	.1	.1									26	26	5	
64/ 63			.9	1.2	.2	.4	.4	.4	.1		.2							32	32	10	6
62/ 61		.7	1.1	.6	.5	.1		.1										26	26	27	8
60/ 59	.1	1.1	.9	.6	.1		.7	.2										32	32	30	12
58/ 57		.8	.9	1.1	.4	.7	.5	.2	.1									40	40	28	35
56/ 55		.6	1.1	.7	1.3	1.1	.2	.1	.1									44	44	19	25
54/ 53	.5	1.9	.7	1.1	1.5	1.5	.9											69	69	41	27
52/ 51	.1	.9	.7	.7	1.1	.9	.4	.2										43	43	42	27
50/ 49	.2	2.0	1.7	1.7	1.3	.8	.4	.1										69	69	36	36
48/ 47	.6	1.8	1.3	1.3	1.4	.9	.5	.1										67	68	63	31
46/ 45	.1	1.8	2.6	.9	.9	.1	.1											56	56	67	36
44/ 43		1.9	1.4	1.7	.6	.1	.1											49	49	72	31
42/ 41		1.7	2.6	1.4	.9	.1												57	57	74	32
40/ 39	.2	2.0	3.1	1.3	.4													59	59	59	54
38/ 37	.2	.6	.9	1.4	.2													29	29	72	63
36/ 35	.2	2.1	.8	.6	.1													33	33	54	52
34/ 33	.4	.9	.5	.1														16	16	43	64
32/ 31	.6	1.5	1.5	.1														32	32	34	74
30/ 29	.1	1.4	.9	.2														23	23	26	49
28/ 27		.4	.4															6	6	24	40
26/ 25		.4																3	3	16	39
24/ 23																				3	27
22/ 21																					30
20/ 19																					15
18/ 17																					12
16/ 15																					8
14/ 13																					5
12/ 11																					7
TOTAL	3.4	24.7	26.3	18.5	12.2	7.3	4.5	1.7	.8	.1	.5							845	846	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.	4284322	58136	68.8	18.362	845							
Dry Bulb	2072956	40972	48.4	10.244	846		6.4	3.4	.1			84
Wet Bulb	1679151	36827	43.6	9.373	845		10.2					84
Dew Point	1309147	31805	37.6	11.522	845		30.4					84

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) FEB (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
86/ 85													.0	.0	.0			6	6		
84/ 83											.0	.1	.0	.0	.0			12	12		
82/ 81									.0	.1	.1	.0	.0	.1	.0			26	26		
80/ 79							.0	.1	.2	.1	.1	.1	.1	.1	.0			49	49		
78/ 77						.0	.1	.2	.1	.1	.1	.0	.1	.1				60	60		
76/ 75					.0	.1	.3	.3	.2	.1	.1	.0	.1	.0				87	87		
74/ 73					.1	.2	.3	.1	.1	.1	.1	.2	.1					99	99		
72/ 71				.1	.1	.4	.3	.1	.1	.2	.1	.2	.1					113	113		
70/ 69			.1	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1					142	142		
68/ 67			.6	.2	.4	.2	.2	.2	.3	.2	.2	.1						179	179	8	
66/ 65		.3	.6	.5	.4	.2	.2	.2	.4	.2	.1	.0						205	205	68	
64/ 63	.0	.4	.7	.6	.4	.3	.4	.3	.3	.2	.1							243	243	156	21
62/ 61	.2	.8	.8	.4	.4	.3	.4	.4	.2	.2								273	274	226	97
60/ 59	.2	.9	.7	.5	.3	.3	.6	.5	.3	.1								306	306	252	127
58/ 57	.1	.7	.7	.5	.5	.6	.4	.5	.2	.0								294	294	259	211
56/ 55	.2	.8	.7	.5	.5	.7	.5	.5	.1									298	298	243	212
54/ 53	.3	1.7	.8	.5	.8	.7	.6	.5	.1									391	391	320	223
52/ 51	.5	1.0	.8	.6	1.1	.7	.5	.2	.0									367	367	362	277
50/ 49	.2	1.2	1.4	1.2	1.4	.8	.4	.2										463	463	351	240
48/ 47	.3	1.9	.9	.9	1.1	.4	.4	.1										400	401	415	229
46/ 45	.1	1.7	1.2	.9	.7	.5	.3											355	355	495	277
44/ 43	.1	1.8	1.3	1.2	.6	.5	.1											384	384	500	269
42/ 41	.3	1.8	1.4	1.1	.5	.3	.0											361	361	532	316
40/ 39	.3	2.2	1.9	1.0	.6	.1												409	409	461	355
38/ 37	.2	1.4	1.0	1.0	.3	.0												270	270	466	399
36/ 35	.2	1.8	1.0	.8	.1													259	259	395	441
34/ 33	.8	1.0	.8	.3	.0													203	203	393	437
32/ 31	.3	1.7	1.3	.3	.0													242	242	269	556
30/ 29	.3	1.0	.5	.0														127	127	248	368
28/ 27		.7	.3	.0														71	71	160	334
26/ 25		.4	.2															45	45	101	288
24/ 23		.2	.1															17	17	58	248
22/ 21	.0	.1	.0															9	9	16	269
20/ 19		.0																1	1	11	214

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) 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
18/ 17																				1	141
16/ 15																					112
14/ 13																					54
12/ 11																					37
10/ 9																					16
8/ 7																					2
TOTAL	4.7	25.4	19.6	13.4	10.4	7.8	6.1	4.5	2.8	1.8	1.2	1.0	.7	.3	.1			6766	6768	6766	6766

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.	31744187	438807	64.9	22.038	6766							
Dry Bulb	18182570	340378	50.3	12.543	6768		50.8	76.8	33.7	6.6		672
Wet Bulb	13901924	299048	44.2	10.058	6766		85.8	.8				672
Dew Point	10247644	250436	37.0	12.024	6766		262.1					672

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.2														2	2		
72/ 71			.9	.9														16	16		
70/ 69		.1	3.1	.2						.2								34	34		
68/ 67		.8	3.2	.4						.1								42	42	19	
66/ 65	.1	.6	1.8	.8	.1		.1	.1	.2	.1								37	37	52	18
64/ 63	.5	2.5	1.9			.3	.1	.1	.1									52	52	38	55
62/ 61	.4	1.9	1.1	.6	.2	.1	.2	.2	.2									47	47	51	49
60/ 59	.5	1.9	.8	.4	.3	.9	.1	.3	.1									50	50	42	47
58/ 57	.4	1.7	.9	1.7	2.0	.6	.4	.1										75	75	37	45
56/ 55	.1	1.9	1.4	1.6	1.8	.9	.2	.2										76	76	26	28
54/ 53	.2	1.2	2.3	1.1	1.4	.6	1.2	.1										75	75	41	21
52/ 51		1.1	1.6	1.5	1.4	1.0	.1											62	62	55	31
50/ 49		2.2	2.0	1.3	1.7	1.2	.1	.1										80	80	80	29
48/ 47		2.3	1.4	1.3	1.2		.1											58	58	81	46
46/ 45		1.4	1.1	1.3	1.1													45	45	74	48
44/ 43		.6	1.9	1.0	.2													35	35	65	50
42/ 41		1.7	2.0	1.3														47	47	68	55
40/ 39		.9	1.2	.4	.1													24	24	63	54
38/ 37	.1	1.0	1.2		.1													22	22	44	57
36/ 35		.8	1.7	.4														27	27	29	40
34/ 33		.5	.3	.3														11	11	26	67
32/ 31				.1														1	1	17	45
30/ 29			.4															4	4	9	60
28/ 27			.1															1	1	1	25
26/ 25		.3																3	3	5	25
24/ 23		.1																1	1	3	6
22/ 21			.2															2	2	1	6
20/ 19			.1															1	1	2	9
18/ 17																				1	5
16/ 15																					6
8/ 7																					3
TOTAL	2.5	25.5	32.7	16.9	11.7	5.7	2.7	1.3	.6	.4									930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	5088673	67033	72.1	16.634	930							
Dry Bulb	2723537	49491	53.2	9.833	930		1.3	9.4	.2			93
Wet Bulb	2298697	45289	48.7	10.017	930		3.9	1.9				9?
Dew Point	1926854	40712	43.8	12.477	930		19.0					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

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — 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														1	1		
72/ 71			.6	.6														12	12		
70/ 69		.1	2.6	.5	.1	.1												32	32		
68/ 67		.8	2.6	.2	.1						.1							35	35	19	
66/ 65	.1	1.4	1.6	.2														31	31	41	24
64/ 63	.9	2.5	1.3	.3						.1	.2							49	49	44	45
62/ 61	.3	1.4	.8							.1	.1							25	25	39	51
60/ 59	.3	2.6	.9		.2	.2	.1	.2										42	42	36	27
58/ 57	1.3	1.1	1.3	1.1	.9	.4	.2	.1	.1									60	60	46	55
56/ 55	.1	3.1	.9	1.3	1.8	.9	.3	.2										79	79	16	28
54/ 53	.2	2.5	1.5	1.4	1.0	.5	.4											70	70	51	23
52/ 51		.6	2.2	1.1	.8	1.0	.1											53	53	39	37
50/ 49	.3	2.0	3.2	1.3	1.5	1.0												87	87	56	29
48/ 47	.1	2.5	1.5	.8	1.3	.5	.1											63	63	75	30
46/ 45		2.6	1.7	2.7	1.0	.3												77	77	82	59
44/ 43		1.2	2.0	1.4	.1	.1												45	45	65	54
42/ 41		1.3	1.4	.6	.2													33	33	64	53
40/ 39		1.7	1.5	.9														38	38	75	40
38/ 37		1.7	1.5	.3														33	33	61	52
36/ 35		.9	1.6	.3														26	26	29	48
34/ 33		.3	.9	.1														12	12	34	66
32/ 31		.6	.4	.1														11	11	19	47
30/ 29			.6															6	6	17	39
28/ 27			.4															4	4	3	39
26/ 25			.1															1	1	7	36
24/ 23		.2																2	2	5	12
22/ 21																				2	5
20/ 19			.1															1	1		15
18/ 17		.2																2	2	1	3
16/ 15																				2	2
14/ 13																					1
12/ 11																					-
8/ 7																					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 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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAR 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	3.7	31.3	33.2	15.4	8.9	4.9	1.3	.5	.1	.2	.4							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.	5390170	69194	74.4	16.139	930							
Dry Bulb	2564445	47923	51.5	10.111	930		2.7	8.0	.1			93
Wet Bulb	2204286	44232	47.6	10.404	930		5.6	1.9				93
Dew Point	1877834	40048	43.1	12.845	930		21.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03907	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.6	.5														11	11		
70/ 69			2.5	.5			.1			.1								30	30		
68/ 67		.6	1.7	.4		.3	.1											30	30	15	
66/ 65	.1	1.6	1.5			.1		.1										32	32	36	27
64/ 63	.1	2.2	1.1	.3	.3													37	37	34	27
62/ 61		1.2	1.1	.1	.2		.1	.1	.2	.1								29	29	32	33
60/ 59	.8	2.2	1.0	.4	.1	.2	.1			.2								46	46	40	42
58/ 57	.5	1.8	2.5	.8		.3	.3	.1										54	54	37	34
56/ 55	.8	2.4	2.8	.6	.5	.6	.4	.3										81	81	44	33
54/ 53	1.2	2.4	1.3	.9	.9	.8	.2	.2										72	72	63	47
52/ 51	.1	1.3	1.9	1.1	.5	.3	.2											51	51	44	46
50/ 49	.5	1.7	1.9	1.6	1.3	.4												70	70	47	46
48/ 47		3.2	2.4	1.9	1.4	.2												85	85	56	29
46/ 45		2.7	1.9	1.5	1.0													66	66	87	49
44/ 43		1.6	1.9	.9	1.3													50	50	75	41
42/ 41		.8	1.8	1.2	.5													40	40	73	61
40/ 39		2.6	1.7	.3	.2													45	45	60	44
38/ 37		1.2	1.3	.9														31	31	60	48
36/ 35		.8	2.2	.3														30	30	32	59
34/ 33		.4	1.0	.2														15	15	32	56
32/ 31		.2	.4															5	6	29	49
30/ 29		.1	.4															5	5	12	29
28/ 27		.2	.8															9	9	4	39
26/ 25		.1	.1															2	2	9	39
24/ 23																				6	14
22/ 21																					12
20/ 19			.1															1	1		10
18/ 17		.2																2	2	1	5
16/ 15																				2	7
14/ 13																					1
8/ 7																					3
TOTAL	4.1	30.9	35.9	14.5	8.0	3.5	1.6	.9	.2	.4									930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5471863	69827	75.1	15.702	930							
Dry Bulb	2518164	47488	51.1	10.022	930		2.5	7.1				93
Wet Bulb	2170542	43920	47.2	10.186	930		6.3	1.5				93
Dew Point	1856573	39902	42.9	12.474	930		20.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAR 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
90/ 89														.1				1	1		
88/ 87													.1					1	1		
84/ 83													.2					2	2		
82/ 81								.1										1	1		
80/ 79						.1			.1			.1						2	3		
78/ 77					.1	.5	.1		.1	.1	.1	.2						12	12		
76/ 75				.2	.9	.1	.1	.1		.1	.1	.2						17	17		
74/ 73				.9	.4	.4	.1	.2			.2							21	21		
72/ 71			.6	1.1	.9		.3	.4	.2	.4	.3							40	40	1	
70/ 69		.2	.4	.9	.9	.3	.3	.5	.3	.4	.5							45	45	10	
68/ 67		.5	1.4	.5	.5	.4	.8	.3	.3	.3								48	48	29	1
66/ 65		.5	1.2	1.0	.6	.5	.8	.9	.6	.1								58	58	27	2
64/ 63	.1	1.7	.5	.6	.6	.5	1.3	.5	.3	.3	.1							63	63	46	2
62/ 61		1.4	1.2	1.4	1.6	.5	1.0	.6	.3	.2								77	77	42	37
60/ 59	.4	1.1	1.4	1.1	.8	.8	1.1	1.0	.4									74	74	51	49
58/ 57	.4	1.3	1.1	1.0	.8	1.2	1.1	.5	.2									70	70	56	37
56/ 55	.4	1.5	1.3	1.0	.9	1.0	1.0	.3										68	68	68	4
54/ 53		.3	.8	.8	1.1	1.1	.9	.1										46	46	72	47
52/ 51		1.1	1.0	1.1	1.0	1.4	.3	.1										55	55	65	3
50/ 49		1.9	1.2	.9	1.1	1.0	.2	.1										59	59	69	38
48/ 47		1.5	.6	.4	.6	.4	.1											35	35	79	46
46/ 45		1.3	1.4	.6	.4	.2												37	37	77	56
44/ 43		.8	.4	.5	.9	.1												24	24	64	58
42/ 41		.6	.6	.5	.2													19	19	48	43
40/ 39		.3	1.0	.8	.1													20	20	36	52
38/ 37		.2	.5	.3	.1													11	11	29	59
36/ 35		.1	.2	.3														6	6	21	42
34/ 33		.1	.5	.2														8	8	13	54
32/ 31			.1	.2														3	3	12	43
30/ 29			.1															1	1	4	31
28/ 27			.2	.1														3	3	3	39
26/ 25			.1															1	1	3	20
24/ 23																				3	18
22/ 21			.1															1	1	1	17

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																				1	7
18/ 17																					7
16/ 15																					4
14/ 13																					4
12/ 11																					1
10/ 9																					3
TOTAL	1.4	16.5	18.1	16.3	14.4	10.6	9.4	5.9	3.0	2.0	1.4	.5	.3	.1				930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4003130	58004	62.4	20.369	930							
Dry Bulb	3200235	53709	57.8	10.295	930		.9	19.1	5.8	.7		93
Wet Bulb	2470820	47146	50.7	9.324	930		2.7	4.0				93
Dew Point	1900375	40423	43.5	12.423	930		19.0	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

C3902	ROBERT GRAY AAF TX (FORT HOOD)	69-70,73-80	MAR
STATION	STATION NAME	YEARS	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
98/ 97															.1	.1		2	2		
94/ 93															.1			1	1		
92/ 91														.1				1	1		
90/ 89														.1				1	1		
88/ 87														.1				1	1		
86/ 85									.1	.1		.1	.2					5	5		
84/ 83							.1	.3	.2		.3		.1	.5				15	15		
82/ 81						.1	.6	.3		.1	.1	.1	.3	.1				17	17		
80/ 79						.5	.5	.8	.2	.1	.5	.4	.3	.1				33	33		
78/ 77					.1	.6	1.0	.4	.1	.4	.3	.4	.5					37	37		
76/ 75					.8	1.3	.7	.8	.3	.5	.4	.6	.1					51	51		
74/ 73				.1	.9	1.0	.6	.5	.2	1.0	.6	.6						52	52		
72/ 71		.1	.2	.1	.6	.8	.8	1.3	1.3	.8	.5	.1	.1					62	62	6	
70/ 69		.2	.8	.9	.9	.4	1.3	1.7	.8	.9	.5	.3						80	80	17	
68/ 67		.2	1.0	.9	.3	.4	1.1	1.0	1.5	1.0	.3							70	70	41	9
66/ 65		.4	.4	1.0	.8	.6	.8	1.1	1.3	1.0	.2							70	70	50	13
64/ 63		.9	.8	.8	.1	.6	.5	1.1	1.1	.6								60	60	52	30
62/ 61	.2	.9	.3	.4	.4	.4	.5	1.2	.9	.2								51	51	52	40
60/ 59	.1	.5	.9	.5	.4	.5	1.4	.6	.2									49	49	62	51
58/ 57	.1	.9	.3	.3	.9	.8	.9	.9	.5	.1								52	52	73	47
56/ 55		.4	.6	.3	.9	.9	.9	.5	.2									42	42	91	33
54/ 53		.2	.2	.5	.5	.8	.5	.1	.1									28	28	65	39
52/ 51		1.2	.2	.6	.4	.6	.6											35	35	68	27
50/ 49		.5	.4	.3	.1	.4	.4											21	21	80	40
48/ 47		1.0	.6	.2	.1	.1												19	19	73	48
46/ 45	.1	.9	.3	.5	.3													20	20	53	51
44/ 43		.3	1.4	.2	.1	.2												21	21	49	48
42/ 41		.3	.3	.2	.2													10	10	23	56
40/ 39			.1	.3	.4													8	8	35	36
38/ 37				.1	.2													3	3	10	59
36/ 35		.3		.1	.3													7	7	4	63
34/ 33			.1		.1													2	2	10	40
32/ 31		.2		.2														4	4	5	53
30/ 29																				6	41

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																				3	28
26/ 25																				2	21
24/ 23																					11
22/ 21																					17
20/ 19																					11
18/ 17																					8
16/ 15																					3
14/ 13																					6
12/ 11																					1
10/ 9																					3
TOTAL	.5	9.5	9.0	8.6	9.9	11.2	13.0	12.6	9.0	6.8	4.0	2.8	1.7	1.1	.2	.1		930	930		930

Element (X)	Σ_{X^2}	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.	2834106	47382	50.9	21.264	930							
Dry Bulb	3936613	59618	64.1	11.115	930		.4	42.8	21.6	5.9	.3	93
Wet Bulb	2726733	49673	53.4	8.901	930		1.6	6.4				93
Dew Point	1884179	40209	43.2	12.524	930		20.2	.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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAR 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													.1		.1	.1		3	3		
92/ 91											.2				.1			3	3		
90/ 89											.1				.1	.1		3	3		
88/ 87									.1							.1		2	2		
86/ 85									.4	.3	.1			.3				11	11		
84/ 83									.5	.5			.1	.3				18	18		
82/ 81							.3	1.0	.5	.2		.3	.5	.3	.1			31	31		
80/ 79						.1	1.2	2.2	.6	.4	.5	.4	.6	.1	.1			59	59		
78/ 77						.3	1.4	.5	.6	.6	.6	1.0	1.0	.1				58	58		
76/ 75					.3	.3	.4	1.2	.8	1.0	1.1	1.6	.3					69	69		
74/ 73				.3	.4	.3	.8	.8	.4	.4	1.1	.3	.1					45	45	1	
72/ 71			.4	.6	.9	.5	1.5	1.4	.8	.8	.9	1.1						82	82	3	
70/ 69			.9	1.0	.2	.1	1.1	1.6	.4	1.5	.8	.5						75	75	10	
68/ 67			1.0	.2	.2	.2	.4	.4	.9	1.7	.4							51	51	58	
66/ 65		.6	.8	.2	.4	.8	.6	.4	1.5	1.2	.1							62	62	65	17
64/ 63		.6	.4	1.0	.3	.6	1.0	1.0	1.2	.8								64	64	63	23
62/ 61	.2	.8	.3	.1	.1	.2	.6	.9	.6									36	36	41	55
60/ 59		.2	.4	.1	.3	.8	1.2	.8	.5	.8								47	47	62	52
58/ 57		.8	.1	.6	.9	.4	1.5	.5	.1	.1								47	47	91	42
56/ 55		.5	.2	.1	.2	.5	.6	.6										27	27	78	32
54/ 53		.3	.2		.1	.4	.3	.3										16	16	63	43
52/ 51		1.2	.4	.3	.2	.3	.2											25	25	74	29
50/ 49		.4	1.1	.4	.2	.2	.1											23	23	98	36
48/ 47		.8	.4	.1														12	12	49	47
46/ 45	.2	.5	.5	.4	.1	.1	.2											20	20	61	39
44/ 43			1.0		.5	.2												16	16	35	43
42/ 41			.1	.4	.1	.3												9	9	22	51
40/ 39		.2	.1	.1														4	4	20	44
38/ 37		.2				.2												4	4	6	45
36/ 35		.1			.4													5	5	15	71
34/ 33																				5	61
32/ 31			.3															3	3	1	50
30/ 29																				3	32
28/ 27																				6	42

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) 3/X 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					22
24/ 23																					17
22/ 21																					10
20/ 19																					10
18/ 17																					14
16/ 15																					1
14/ 13																					1
12/ 11																					3
10/ 9																					3
TOTAL	.4	7.3	8.7	6.0	6.0	7.5	13.5	13.5	10.1	10.3	5.9	5.3	2.8	1.6	.5	.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.	2456808	43414	46.7	21.518	930							
Dry Bulb	4242661	61937	66.6	11.257	930		.3	51.0	30.2	9.8	.3	93
Wet Bulb	2813634	50518	54.3	8.648	930		1.0	7.2	.1			93
Dew Point	1852238	39828	42.8	12.561	930		20.5					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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (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
90/ 89															.1			1	1		
88/ 87										.1								1	1		
86/ 85															.1			1	1		
84/ 83							.1			.1		.1						3	3		
82/ 81						.1	.1	.2		.1		.1	.1	.2				9	9		
80/ 79							.2	.9	.1									8	8		
78/ 77						.5	.9	.1	.2	.2	.1	.3	.3	.1				26	26		
76/ 75					.6	1.4	.5	.4		.4	.4	.1	.1					38	38		
74/ 73				.5	.9	.9	.6	.5	.2	.2	.8	.4	.2					46	46		
72/ 71			.5	.5	.9	1.0	.5	.1	.5	.6	.4	.1	.1					50	50	3	
70/ 69		.1	.8	1.5	.6	1.9	.5	.8	.9	1.1	.4	.1						77	77	1	
68/ 67		.5	1.9	.9	.5	.6	.8	.9	.5	.6	.6	.1						75	75	34	1
66/ 65		.8	1.1	.5	.5	.8	1.3	1.0	.9	.5	.1							69	69	56	10
64/ 63	.1	.2	.2	.4	1.1	.6	1.1	1.4	.8	.5								60	60	68	25
62/ 61	.6	.9	.5	1.1	.8	1.1	1.1	.6	.9	.1								71	71	44	67
60/ 59	.3	.8	.3	.4	.5	1.0	1.0	1.3	.5									57	57	54	50
58/ 57		.6	.4	.4	1.0	1.4	.9	.8	.2									53	53	47	38
56/ 55		.9	.4	.9	.6	1.4	.5	.5										49	49	67	27
54/ 53		.8	.6	1.1	1.1	1.1	.4	.3										50	50	80	39
52/ 51		1.0	1.2	.4	.6	.9	.4											42	42	63	47
50/ 49		.1	1.5	.2	1.2	.4	.2											34	34	93	26
48/ 47		.3	.5	.6	.4	.4	.2											24	24	81	34
46/ 45		1.2	.3	.8	.1		.1											23	23	62	50
44/ 43		.4	.9	.6	.3													21	21	52	45
42/ 41		.2	.3	.4	.4	.1												14	14	39	62
40/ 39		.4	.4	.2	.2													12	12	29	46
38/ 37		.3		.1	.2													6	6	21	49
36/ 35				.2														2	2	15	60
34/ 33					.2													2	2	7	48
32/ 31			.3	.1	.1													5	5	3	62
30/ 29				.1														1	1	4	35
28/ 27																				3	22
26/ 25																				2	26
24/ 23																				2	16

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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
22/ 21																					15
20/ 19																					19
18/ 17																					5
16/ 15																					1
14/ 13																					2
12/ 11																					1
10/ 9																					1
8/ 7																					2
TOTAL	1.1	9.5	12.4	12.2	13.0	14.3	11.5	9.5	5.7	4.7	2.9	1.4	.9	.3	.2			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.	3222387	51249	55.1	20.716	930							
Dry Bulb	3620411	57219	61.5	10.373	930		.6	33.5	13.3	1.7		93
Wet Bulb	2622023	48677	52.3	8.939	930		1.4	3.8				93
Dew Point	1887442	40246	43.3	12.527	930		20.4	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.1													1	1		
76/ 75				.1		.1	.1											3	3		
74/ 73			.1	.4	.2	.1												8	8		
72/ 71			1.0	1.4	.8	.1					.1							31	31	1	
70/ 69			1.5	1.7	.8	.3		.1	.2	.1								44	44	4	1
68/ 67		.4	2.5	1.0	.5	.4	.1	.2		.1								49	49	21	4
66/ 65		1.3	2.4	1.3	.4	.2	.2	.4	.3	.2	.1							64	64	45	14
64/ 63	.1	1.2	1.4	.4	.5	1.3	.6	.4	.5		.1							62	62	54	42
62/ 61	.6	1.2	.2	.8	1.6	1.0	.3	.6	.1	.2								62	62	55	53
60/ 59	.6	1.2	1.4	1.0	1.8	1.6	.8	.5	.4									87	87	43	57
58/ 57	.1	1.0	.9	.6	1.3	1.7	.9	.2										62	62	29	34
56/ 55	.1	1.4	.8	1.1	1.4	1.2	.2	.3										60	60	42	29
54/ 53	.1	.9	1.4	1.2	2.0	1.2	.3	.1										67	67	65	36
52/ 51		1.2	2.0	1.2	1.4	.9	.1											63	63	59	30
50/ 49		1.0	2.7	.9	1.4	.4	.2											61	61	92	29
48/ 47		.1	1.3	1.1	1.1	.1	.1											35	35	78	45
46/ 45		1.5	1.1	1.5	.5													43	43	75	61
44/ 43		.8	1.3	1.2	.4	.1												35	35	70	48
42/ 41		.6	1.5	.3	.4													27	27	51	60
40/ 39		.4	1.0	.5	.4													22	22	42	55
38/ 37		.6	1.1	.6														22	22	36	52
36/ 35		.3	.5	.2														10	10	22	56
34/ 33				.1														1	1	21	58
32/ 31			.4															4	4	11	56
30/ 29			.1															1	1	3	29
28/ 27			.1	.1														2	2	4	20
26/ 25		.1	.1	.1														3	3	1	25
24/ 23			.1															1	1	4	17
22/ 21																				1	6
20/ 19																				1	13
18/ 17																					2
16/ 15																					3
10/ 9																					1
8/ 7																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAR (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	1.7	15.2	26.8	18.8	17.2	10.6	4.0	3.0	1.6	.6	.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.	4437752	62164	66.8	17.43	930							
Dry Bulb	2994053	51989	55.9	9.719	930		1.1	13.6	1.2			93
Wet Bulb	2421422	46618	50.1	9.543	930		2.5	2.6				93
Dew Point	1948522	41044	44.1	12.145	930		16.7	.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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAR 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.	D. Bulb	Wet Bulb	Dew Point
98/ 97															.0	.0		2	2		
94/ 93													.0		.0	.0		4	4		
92/ 91											.0			.0	.0			4	4		
90/ 89											.0			.0	.0	.0		6	6		
88/ 87									.0	.0			.0	.0		.0		5	5		
86/ 85									.1	.1	.0	.0	.0	.0	.0			17	17		
84/ 83							.0	.0	.1	.1	.0	.0	.1	.2				38	38		
82/ 81						.0	.1	.1	.1	.1	.0	.1	.1	.1	.0			58	58		
80/ 79					.0	.1	.2	.4	.1	.1	.1	.1	.1	.0	.0			104	104		
78/ 77					.0	.3	.4	.1	.1	.2	.1	.2	.2	.0				133	133		
76/ 75				.0	.3	.5	.2	.3	.1	.3	.3	.3	.1					178	178		
74/ 73			.0	.3	.3	.3	.3	.3	.1	.2	.3	.2	.0					175	175	1	
72/ 71		.0	.6	.7	.5	.3	.4	.4	.3	.3	.3	.2	.0					304	304	14	
70/ 69		.1	1.6	.9	.4	.3	.4	.6	.3	.5	.3	.1						417	417	42	1
68/ 67		.5	1.0	.6	.3	.3	.4	.3	.4	.5	.2	.0						400	400	236	11
66/ 65	.0	.9	1.3	.6	.4	.4	.5	.5	.6	.4	.1							423	423	372	148
64/ 63	.2	1.5	1.0	.5	.4	.5	.6	.6	.5	.3	.1							447	447	399	270
62/ 61	.3	1.2	.7	.6	.6	.4	.5	.5	.4	.1	.0							398	398	356	385
60/ 59	.4	1.3	.9	.5	.6	.7	.7	.6	.3	.1								452	452	392	375
58/ 57	.4	1.1	.9	.8	1.0	.9	.8	.4	.1	.0								473	473	416	332
56/ 55	.2	1.5	1.0	.9	1.0	.9	.5	.4	.0									492	482	432	249
54/ 53	.2	1.1	1.0	.9	1.0	.8	.5	.2	.0									424	424	500	295
52/ 51	.0	1.1	1.3	.9	.8	.8	.3	.0										386	386	467	277
50/ 49	.1	1.2	1.8	.9	1.1	.6	.2	.0										435	435	615	272
48/ 47	.0	1.5	1.1	.8	.8	.2	.1											331	331	572	325
46/ 45	.0	1.5	1.0	1.2	.6	.1	.0											331	331	571	413
44/ 43		.7	1.4	.7	.4	.1												247	247	475	387
42/ 41		.7	1.0	.6	.3	.1												199	199	388	443
40/ 39		.8	.9	.4	.2													173	173	360	371
38/ 37	.0	.7	.7	.3	.1	.0												132	132	267	421
36/ 35		.4	.5	.2	.1													113	113	167	439
34/ 33		.2	.3	.1	.0													51	51	148	450
32/ 31		.1	.3	.1	.0													37	37	97	405
30/ 29		.0	.2	.0														18	18	58	296

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

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 69-70,73-80 YEARS — MAR MONTH

 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27		.0	.2	.0														19	19	27	254
26/ 25		.1	.1	.0														10	10	29	214
24/ 23		.0	.0															4	4	23	184
22/ 21			.0															3	3	5	84
20/ 19			.1															3	3	4	90
18/ 17		.1																4	4	3	50
16/ 15																				4	33
14/ 13																					14
12/ 11																					8
10/ 9																					11
8/ 7																					12
TOTAL	1.9	18.2	22.1	13.6	11.1	8.6	7.1	5.9	3.8	3.2	1.9	1.2	.7	.4	.1	.1			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.	32904889	468263	62.9	21.483	7440							
Dry Bulb	29900116	429374	57.7	11.711	7440		9.8	184.5	72.4	18.1	.6	744
Wet Bulb	19728157	376073	50.5	9.829	7440		25.0	29.3	.1			744
Dew Point	15134014	322412	43.3	12.900	7440		157.6	1.2				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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1	.1														2	2		
76/ 75		.3	.8	.7														16	16		
74/ 73		.9	1.1	.4		.1												23	23	9	
72/ 71		1.1	2.3	1.0		.1			.1									42	42	20	11
70/ 69	.6	.9	4.0	.9	.2	.3		.2	.1									64	64	26	31
68/ 67	.6	1.2	6.2	.8	1.0	.2	.3	.1	.1	.1	.2							98	98	47	23
66/ 65	.9	1.3	5.2	1.1	.6	.1		.1	.1		.1							86	86	70	46
64/ 63		1.7	3.1	1.1	.4	.6	.1	.2	.1									66	66	79	65
62/ 61	.1	2.1	1.8	1.7	1.3	.4	.4	.3										74	74	69	68
60/ 59	.4	3.4	3.1	2.2	1.8	.7	.6	.2										112	112	63	68
58/ 57		1.6	2.2	1.7	1.0	1.1	.6											73	73	69	56
56/ 55	.2	.9	1.9	1.3	.7	.3	.2											49	49	78	64
54/ 53	.1	1.1	2.8	1.3	.2	.3												53	53	67	49
52/ 51	.4	1.1	1.6	.8	.4	.2												41	41	60	59
50/ 49	.2	.7	1.4	.4	.3	.1												29	29	79	41
48/ 47			.9	.2	.7													16	16	51	53
46/ 45	.3	.4	.4	.4	.6													20	20	31	65
44/ 43		.2	.4	.4	.1													11	11	26	39
42/ 41		.3	.1	.7														10	10	12	27
40/ 39		.1	.6															6	6	15	35
38/ 37			.2	.3														5	5	11	14
36/ 35			.2	.1														3	3	9	17
34/ 33			.1															1	1	3	21
32/ 31																				6	18
30/ 29																					16
28/ 27																					6
26/ 25																					9
24/ 23																					2
22/ 21																					1
TOTAL	3.9	19.4	40.6	17.7	9.3	4.7	2.2	1.2	.6	.1	.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.	5313840	67854	75.4	14.844	900							
Dry Bulb	3369424	54588	60.7	8.065	900			24.5	4.1			9
Wet Bulb	2912050	50602	56.2	8.632	900		.6	10.2	.9			9
Dew Point	2573698	47116	52.4	10.910	900		5.3	6.5				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

03902 STATION — ROBERT GRAY AAF TX (FCKT HOOJ) STATION NAME — 69-70,73-80 YEARS — APR MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.3	.4	.2		.1						.1						11	11		
74/ 73		1.2	1.4	.4														26	28	3	
72/ 71		1.2	1.8	.6														32	32	22	9
70/ 69	.4	1.2	3.4	.4														50	50	29	29
68/ 67	.6	.8	5.0	.2		.2	.2											63	63	45	30
66/ 65	.9	2.1	4.9	.7	.1	.2	.2											82	82	49	42
64/ 63		2.8	2.1	.8	.2	.3	.1			.2								59	59	78	47
62/ 61	.9	3.3	3.0	1.1	.6	.3	.2	.1										86	86	64	80
60/ 59	.1	4.2	2.4	1.1	.7	.3												80	80	60	69
58/ 57		3.3	3.7	1.1	.7	.4	.2	.1										86	86	88	55
56/ 55		1.6	1.7	.7	1.8	.9	.1											60	60	69	76
54/ 53		1.6	1.8	1.3	.7	.4	.1											53	53	55	52
52/ 51	.4	1.7	3.3	.4	.4	.3	.1											61	61	53	41
50/ 49	.6	1.3	2.1	1.0	.2	.3												50	50	60	56
48/ 47	.2	.8	1.2	.3	.3	.1												27	27	69	39
46/ 45	.	.8	.9	.4														21	21	50	57
44/ 43	.1	.3	.6	1.0	.1													19	19	37	38
42/ 41		.1	.3	.6	.1													10	10	14	43
40/ 39		.2	.7															8	8	14	29
38/ 37		.2	.3															5	5	16	23
36/ 35			.3	.2														5	5	12	20
34/ 33			.2	.1														3	3	4	12
32/ 31			.1															1	1	3	14
30/ 29																				6	24
28/ 27																					4
26/ 25																					6
24/ 23																					7
22/ 21																					1
20/ 19																					
TOTAL	4.4	29.1	41.8	12.8	5.9	4.1	1.3	.2		.2		.4							900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5729246	70750	78.6	13.650	900							
Dry Bulb	3195589	53083	59.0	8.483	900		.1	18.4	3.9			900
Wet Bulb	2823875	49753	55.3	9.040	900		.9	9.9	.3			900
Dew Point	2545372	46820	52.0	11.046	900		5.8	6.7				900

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | APR 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
76/ 75			.4	.1														5	5		
74/ 73		.3	2.1	.4			.1		.1									28	28	2	
72/ 71		1.4	1.6	.7						.1	.1							35	35	15	4
70/ 69	.4	1.6	3.0	.1	.1	.2		.1		.1								51	51	38	3
68/ 67	.8	.6	5.0	.3	.2		.1											63	63	39	31
66/ 65	.7	2.3	3.8	.3	.3	.3	.1											71	71	56	35
64/ 63	.1	4.8	2.3	1.6	.4	.6	.3	.1										92	92	66	71
62/ 61	.8	3.4	2.1	1.4	.8	.6	.3	.1										86	86	76	58
60/ 59	.1	4.1	2.9	.8	.6	.7	.4											86	86	65	64
58/ 57	.1	3.4	2.7	.9	.6	.7	.4											79	79	81	60
56/ 55	.1	3.2	2.0	1.0	.7	.6	.2											70	70	75	81
54/ 53		1.7	2.2	1.2	1.0	.2		.1										58	58	76	51
52/ 51	.6	1.9	1.4	1.0	.8		.1											44	44	62	57
50/ 49	.6	.4	1.7	.9	.6	.3												40	40	50	60
48/ 47	.1	1.2	.9	.4	.9													32	32	54	34
46/ 45	.1	.4	.7	.6	.2													18	18	45	47
44/ 43	.2	.3	.4	.4	.1													14	14	28	39
42/ 41		.2	.2	.2	.1													7	7	23	36
40/ 39		.2	.6	.3														10	10	19	24
38/ 37			.1	.1														2	2	9	31
36/ 35		.3		.1														4	4	9	28
34/ 33			.4	.1														5	5	6	15
32/ 31																				2	19
30/ 29																				5	16
28/ 27																					1
26/ 25																					4
24/ 23																					6
22/ 21																					2
20/ 19																					1
TOTAL	4.7	31.1	36.6	13.1	7.3	4.1	2.2	.4	.1	.2	.1								900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5664852	70200	78.0	14.50	900							
Dry Bulb	3233900	53442	59.4	8.204	900			18.2	3.3			9
Wet Bulb	2346990	50000	55.6	8.774	900		.7	9.4	.2			9
Dew Point	2553143	46919	52.1	10.517	900		5.0	6.5				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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83							.1								.1			2	2		
82/ 81					.2	.3	.2				..	.2						10	10		
80/ 79				.1	.8	.0	.2		.3	.1	.1		.2					22	22		
78/ 77			.2	.7	1.0	.6	.1	.6	.1		.1	.1						31	31		
76/ 75		.1	.4	1.7	1.0	.8	.2	.8	.2	.2	.2	.3	.1					55	55		
74/ 73		.3	.7	2.0	1.1	1.0	.7	.7	.3	.2	.4	.1						68	68	10	
72/ 71		.8	2.4	1.4	.9	.9	1.3	1.2	.9	.1		.1						91	91	36	10
70/ 69		.3	3.4	1.7	2.6	1.2	1.0	.9	.8	.6								112	112	39	23
68/ 67	.9	.8	2.6	1.4	1.3	1.1	1.1	1.1	.6	.4								102	102	70	35
66/ 65	.3	.6	2.2	1.8	.8	.9	.9	.7	.7	.2								91	81	75	56
64/ 63	.1	1.9	1.6	1.6	.7	1.4	1.1	.4	.2	.1								82	82	89	82
62/ 61	.4	1.9	1.3	1.1	.3	.3	1.0	.7	.3									69	69	85	50
60/ 59	.1	1.3	1.0	.3	.4	.6	.6	.2	.1									42	42	96	63
58/ 57		1.0	.6	.3	.4	1.0	.3											33	33	75	74
56/ 55		.6	.3	.2	.4	.6	.1	.1										25	25	74	69
54/ 53	.1	.8	.2	.4	.3	.4	.3											24	24	66	48
52/ 51	.3	.2	.3	.3	.2	.3												16	16	55	59
50/ 49		.2	.1	.3	.7	.1	.1											14	14	33	40
48/ 47		.1	.1	.1		.1												4	4	36	34
46/ 45	.2	.1		.1		.3												7	7	20	36
44/ 43					.2	.1												3	3	13	33
42/ 41		.2			.1													3	3	13	35
40/ 39	.2	.1																3	3	4	27
38/ 37		.1																1	1	4	28
36/ 35																				5	33
34/ 33																				2	17
32/ 31																					18
30/ 29																					8
28/ 27																					9
26/ 25																					2
24/ 23																					4
22/ 21																					4
20/ 19																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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
TOTAL	2.8	11.4	18.0	15.7	13.6	12.9	9.4	7.3	4.6	2.0	1.0	.9	.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.	4077317	57951	64.4	19.614	900							
Dry Bulb	4017051	59719	66.4	7.781	900			49.3	18.8	1.9		90
Wet Bulb	3166681	52927	58.8	7.762	900			15.5	1.0			90
Dew Point	2610794	47410	52.7	11.228	900		4.8	6.8				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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91											.1							1	1		
90/ 89											.1				.1			2	2		
88/ 87								.1	.2	.2	.1		.2	.1				9	9		
86/ 85						.2	.2	.7	.4	.1	.3	.2		.2				22	22		
84/ 83					.2	.1	.8	.9		.2	.3	.3	.1	.1	.2			29	29		
82/ 81				.1	.4	.4	1.6	.3	.3	.7	.6	.2	.2	.2				46	46		
80/ 79				.3	1.0	1.6	.4	.8	1.0	.4	.4	.3	.2	.2				61	61		
78/ 77			.1	.4	1.8	1.1	2.6	1.1	1.2	1.2	1.0	.3	.4					102	102		
76/ 75		.2	.7	1.1	1.6	2.3	1.1	1.9	1.6	1.9	1.1	.4	.2					123	123	6	
74/ 73		.2	.3	1.8	1.4	1.4	.9	1.1	1.1	.8	.6	.1						88	88	24	3
72/ 71		.1	.8	.8	1.4	1.0	.9	1.0	.8	1.1	.2	.2						75	75	46	10
70/ 69	.3	.7	2.2	.4	.7	.8	.8	1.1	1.0	.6	.3							80	80	75	24
68/ 67	.4	.2	.9	.9	1.0	.2	.9	.3	.8	.3	.1							55	55	79	40
66/ 65	.1	.3	.9	1.2	.7	.6	.7	1.1	.2	.1								53	53	104	73
64/ 63	.4	.9	.4	.3	.6	.4	.4	.6	.4	.1								42	42	75	67
62/ 61	.3	.6	.6	.3	.2	.9	.3	.4	.2									34	34	87	56
60/ 59		1.0	.3		.1		.3	.2	.1									19	19	91	58
58/ 57		.7	.3		.3	.1	.4	.6										22	22	73	66
56/ 55		.3	.7		.1		.2											12	12	82	60
54/ 53		.1			.1		.1	.1										4	4	49	53
52/ 51			.2	.1			.3											6	6	40	39
50/ 49					.1	.1	.2											4	4	16	39
48/ 47	.3				.1	.1												5	5	23	40
46/ 45																				9	41
44/ 43			.1															1	1	4	37
42/ 41		.1	.1															2	2	4	38
40/ 39		.1																1	1	9	29
38/ 37	.1	.1																2	2	4	34
36/ 35																					16
34/ 33																					20
32/ 31																					19
30/ 29																					16
28/ 27																					11
26/ 25																					c

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | APR 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
24/ 23																					3
22/ 21																					2
TOTAL	2.1	5.7	8.7	7.9	11.9	11.0	13.2	12.2	9.4	7.8	5.2	2.2	1.4	.9	.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.	3042869	48949	54.4	20.577	900							
Dry Bulb	4717997	64749	71.9	8.152	900			69.3	48.3	14.1		90
Wet Bulb	3402573	54941	61.0	7.358	900			23.0	3.0			90
Dew Point	2614003	47379	52.6	11.944	900		5.7	7.7	.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) 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
92/ 91												.4						4	4		
90/ 89										.3	.2				.2			7	7		
88/ 87								.1	.1	.3	.1		.1	.1	.1			9	9		
86/ 85						.3	.3	.8	.8	.3	.2	.4	.1	.4	.2	.1		37	37		
84/ 83						.9	.8	1.1	.4	1.2	.1	.1		.4				45	45		
82/ 81				.1	.6	1.0	2.6	1.0	.6	1.2	1.2	.9	.2	.1	.2			87	87		
80/ 79				.3	.7	1.4	.9	1.9	1.0	.7	.9	.8	.3	.1				81	81		
78/ 77			.1	.6	1.3	2.0	1.8	1.3	1.0	2.2	1.9	1.6	.9					132	132		
76/ 75			.2	1.3	1.2	1.6	1.3	1.0	1.3	1.6	.8	.6						98	98	5	
74/ 73			.2	1.3	1.0	.9	.7	.4	1.1	1.4	.8	.2						73	73	32	3
72/ 71			.9	1.1	.9	.4	.9	.8	1.2	.7	.6	.2						69	69	51	7
70/ 69	.3	.1	1.9	.8	1.1	.3	.1	.2	.7	.6	.2	.2						59	59	89	22
68/ 67	.2	.4	1.1	.3	1.2		.6	.7	.8	.4	.1							53	53	88	49
66/ 65	.2		1.0	.7	.4	.1	.8	.3	.1	.7								39	39	97	61
64/ 63	.3	.4	.6	.7	.8	.6	.2		.1	.1								34	34	82	78
62/ 61	.1	.3	.4	.2		.7	.2	.3	.1									22	22	81	68
60/ 59		.3	.4	.2		.1		.3	.4									17	17	91	65
58/ 57		.1	.6					.4										10	10	76	51
56/ 55		.2					.3	.1										6	6	77	63
54/ 53		.1					.2											3	3	51	46
52/ 51			.2	.1														3	3	21	29
50/ 49		.1		.1														2	2	15	34
48/ 47	.2			.1														3	3	16	32
46/ 45			.1	.2														3	3	6	46
44/ 43		.2																2	2	9	53
42/ 41		.1	.1															2	2	8	34
40/ 39																				2	31
38/ 37																				1	33
36/ 35																					14
34/ 33																					21
32/ 31																					17
30/ 29																					12
28/ 27																					10
26/ 25																					16

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | APR 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
24/ 23																					5
TOTAL	1.4	2.6	7.9	8.2	9.2	10.2	11.7	10.9	9.8	11.8	7.1	5.4	1.7	1.2	.8	.1			900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	2643545	45715	50.8	20.328	900			75.4	57.3	21.8		90
Dry Bulb	5001863	66709	74.1	7.985	900			26.5	7.7			90
Wet Bulb	3484972	55640	61.8	7.589	900							
Dew Point	2610813	47313	52.6	11.724	900		6.0	8.1	.3			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

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) 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		
	0	1 - 2	3 - 4	5 - 6	7 - 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		.1			5	5		
84/ 83						.2	.2	.4	.1	.1	.2	.1	.1					14	14		
82/ 81					.2	.3	.6	.7	.1	.2	.3	.3		.1	.1			27	27		
80/ 79					.4	.4	1.6	.8	.1	.3	.1	.6	.1	.1	.2			43	43		
78/ 77				.1	.6	1.2	.8	.8	1.2	.3	.4	.2	.6	.2				58	58		
76/ 75				.4	.9	2.4	2.3	1.2	.9	.8	1.2	.1	.2					95	95	2	
74/ 73			.1	1.1	1.9	1.6	1.2	.9	.9	1.6	.4	.6	.4					96	96	13	
72/ 71			.1	1.8	1.3	2.7	1.6	1.2	1.0	1.0	1.0	.1						106	106	37	9
70/ 69		.3	.6	2.9	1.4	1.0	.3	1.0	1.6	.7	.3	.4						95	95	57	22
68/ 67		.4	.9	2.0	.8	1.1	.8	1.2	.9	.4	.1	.1						79	79	85	40
66/ 65			.4	1.8	1.7	1.0	.7	1.0	1.4		.6							77	77	98	70
64/ 63		.2	1.0	.4	.7	.8	.9	.6	.4	.3	.2							49	49	106	69
62/ 61		.2	.8	.3	1.0	.7	.9	.7	.1	.2								44	44	71	75
60/ 59			.9	.9	.4	.9	.4	.1	.3	.1								37	37	77	77
58/ 57		.1		.3	.6	.2	.2		.1									19	19	82	47
56/ 55			.2	.1	.2	.1	.2	.3	.3									14	14	70	59
54/ 53			.6		.2		.2	.3										12	12	66	43
52/ 51			.1	.3	.1	.2	.3	.4										14	14	54	52
50/ 49					.1	.1	.2	.1										5	5	21	37
48/ 47		.2	.1			.1												0	4	19	36
46/ 45					.1													1	1	10	47
44/ 43			.3		.1	.1												5	5	9	49
42/ 41					.1													1	1	12	29
40/ 39																				7	31
38/ 37																				3	28
36/ 35																				1	15
34/ 33																					9
32/ 31																					17
30/ 29																					9
28/ 27																					12
26/ 25																					17
24/ 23																					4
22/ 21																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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		
	0	1 - 2	3 - 4	5 - 6	7 - 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	1.6	6.1	13.0	12.9	15.0	13.4	11.6	10.0	6.2	4.9	2.7	1.6	.6	.3	.2			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.	3456644	52908	58.8	19.628	900							
Dry Bulb	4395283	62517	69.5	7.652	900			61.8	33.8	6.2		90
Wet Bulb	3308857	54161	60.2	7.421	900			19.4	1.5			9
Dew Point	2630327	47565	52.9	11.385	900		6.0	7.0				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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | APR 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
80/ 79				.2														2	2		
78/ 77			.1	.7	.4	.2												13	13		
76/ 75		.2	.7	1.0		.2												19	19		
74/ 73		.3	1.1	1.9	.4	.6	.1	.2			.1							43	43	9	
72/ 71		.3	3.0	2.7	.7	.7	.1	.6				.1						73	73	14	12
70/ 69	.8	.3	3.9	3.2	2.3	1.2	.3	.2	.2	.1	.3							117	117	43	17
68/ 67	.4	1.7	3.6	2.2	.9	.9	.2	.2		.3								96	96	59	38
66/ 65		1.9	2.3	1.7	.8	.9	.4	.2	.1									75	75	82	58
64/ 63		1.8	2.1	1.7	1.7	1.2	1.3	.3	.1									92	92	103	72
62/ 61	.2	1.9	1.6	1.0	1.8	1.6	.	.1	.2									81	81	67	71
60/ 59	.2	2.4	1.2	.8	1.1	1.1	.4	.1										67	67	81	69
58/ 57		.9	1.8	2.1	2.0	.3	.2											66	66	69	69
56/ 55	.3	.8	1.3	.8	.6	.3	.3											40	40	57	59
54/ 53	.2	.8	.7	1.7	.3	.3	.1											31	31	73	52
52/ 51		1.1	.4	.3	.8	.3	.1											28	28	78	49
50/ 49	.2		.3	.3	.1	.6												18	18	54	49
48/ 47	.2	.1		.2	.6													10	10	32	57
46/ 45	.1	.1	.1	.2	.4													9	9	20	35
44/ 43		.1	.2	.7	.1													10	10	17	45
42/ 41		.1	.1		.1													3	3	10	32
40/ 39			.2	.4														6	6	16	25
38/ 37			.1															1	1	7	17
36/ 35																				4	16
34/ 33																				5	12
32/ 31																					12
30/ 29																					16
28/ 27																					10
26/ 25																					9
24/ 23																					3
TOTAL	2.8	14.9	25.6	23.1	15.1	10.4	4.4	2.0	.7	.4	.4	.1						900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4753364	63780	70.9	16.118	900
Dry Bulb	3669631	57051	63.4	7.690	900
Wet Bulb	3064249	52001	57.8	8.148	900
Dew Point	2644772	47814	53.1	10.785	900

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			36.3	7.7	.1		90
Wet Bulb			12.5	.9			90
Dew Point		5.0	6.7				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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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				
92/ 91											.0	.1						5	5		
90/ 89										.0	.0				.0			9	9		
88/ 87								.0	.0	.1	.0		.0	.0	.0			18	18		
86/ 85						.1	.1	.2	.2	.1	.1	.1	.0	.1	.0	.0		64	64		
84/ 83					.0	.1	.2	.3	.1	.2	.1	.1	.0	.1	.0			90	90		
82/ 81				.1	.2	.3	.6	.2	.1	.3	.3	.2	.1	.1	.0			170	170		
80/ 79				.2	.4	.6	.3	.3	.3	.2	.3	.2	.1	.1				209	209		
78/ 77			.1	.4	.7	.6	.7	.5	.3	.5	.4	.3	.2					338	338		
76/ 75		.2	.5	.9	.8	.9	.5	.6	.5	.6	.3	.2	.0					422	422	13	
74/ 73		.4	1.0	1.3	.7	.7	.4	.4	.5	.4	.3	.1						447	447	102	6
72/ 71		.6	1.8	1.7	.8	.6	.6	.6	.5	.4	.1	.1						523	523	241	70
70/ 69	.4	.7	3.1	1.1	1.0	.6	.4	.5	.4	.3	.2	.0						628	628	396	198
68/ 67	.5	.8	3.3	.9	.8	.4	.6	.4	.3	.2	.1							609	609	512	286
66/ 65	.4	1.1	2.8	1.1	.6	.5	.5	.2	.2	.2	.0							564	564	631	441
64/ 63	.2	1.0	1.6	1.0	.7	.7	.5	.3	.2	.1								516	516	678	550
62/ 61	.4	1.8	1.4	1.0	.7	.7	.5	.3	.1									496	496	670	526
60/ 59	.1	2.2	1.5	.7	.7	.5	.3	.2	.1									460	460	624	529
58/ 57	.0	1.4	1.6	.8	.7	.5	.3	.2										388	388	615	478
56/ 55	.1	1.0	1.0	.5	.5	.4	.2	.1										276	276	582	531
54/ 53	.1	.8	1.0	.7	.3	.3	.2	.0										238	238	503	393
52/ 51	.2	.7	1.0	.4	.4	.2	.1											213	213	423	385
50/ 49	.2	.3	.9	.4	.3	.2	.1											162	162	328	352
48/ 47	.2	.3	.4	.2	.3	.0												101	101	300	325
46/ 45	.1	.2	.3	.3	.2	.0												79	79	191	369
44/ 43	.0	.2	.2	.3	.1	.0												65	65	143	332
42/ 41		.2	.1	.2	.1													38	38	96	268
40/ 39	.0	.1	.3	.1														34	34	86	231
38/ 37	.0	.1	.1	.1														16	16	55	208
36/ 35		.0	.1	.1														12	12	39	159
34/ 33			.1	.0														9	9	20	127
32/ 31			.0															1	1	11	133
30/ 29																				11	117
28/ 27																					62
26/ 25																					69

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					34
22/ 21																					14
20/ 19																					7
TOTAL	3.0	15.0	24.0	13.9	10.9	8.9	7.0	5.9	3.9	3.4	2.1	1.3	.5	.3	.2	.0		7200	7200	7200	7200

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.	34731677	476107	66.4	20.758	7200							
Dry Bulb	31600738	471858	65.5	9.698	7200		.1	353.2	177.2	44.1		720
Wet Bulb	25010247	420025	58.3	8.399	7200		2.2	126.4	11.9			720
Dew Point	20782924	378336	52.5	11.197	7200		43.6	56.0	.6			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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) 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			.2	.5														7	7		
78/ 77			.9	1.2	.3		.1											23	23		
76/ 75		.2	4.3	2.3														63	63	2	1
74/ 73		.9	4.4	2.9	.2	.2	.2											82	30		
72/ 71		2.2	7.1	2.7	.2	.2	.1											116	116	72	40
70/ 69		1.7	5.5	1.8	1.1	.3	.2											99	99	98	70
68/ 67	.4	3.3	6.8	1.5	.4	.3	.1		.1									121	121	114	104
66/ 65	.4	4.0	5.3	.9	.6	.2	.2	.1										109	109	107	108
64/ 63	.3	3.7	3.1	1.6	.5	.3	.2											91	91	113	106
62/ 61		2.9	2.2	.9	.6	.2												63	63	106	91
60/ 59		2.6	1.5	.6	.4													49	49	69	95
58/ 57		1.3	1.7	.3	.4													37	37	64	78
56/ 55		.8	1.7	.2	.5													30	30	47	56
54/ 53		.5	.9	.4	.1													17	17	34	41
52/ 51	.1	.3	.5	.1														10	10	35	37
50/ 49			1.0															9	9	16	37
48/ 47		.2																2	2	15	16
46/ 45		.2																2	2	6	12
44/ 43																				2	16
42/ 41																					17
40/ 39																					5
TOTAL	1.3	24.7	46.9	18.3	5.6	1.8	1.2	.1	.1									930		930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	6155562	75128	80.8	9.650	930							
Dry Bulb	4178331	62055	66.7	6.367	930			51.1	17.5	.1		9
Wet Bulb	3726618	58568	63.0	6.414	930			31.6	3.2			9
Dew Point	3459492	56334	60.5	7.393	930			21.7	.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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAY 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
78/ 77			.5	.5														10	10		
76/ 75		.1	1.5	1.3														30	30		
74/ 73		1.5	3.5	1.1	.1													58	59	8	
72/ 71	.3	4.5	6.0	1.0	.2	.1												113	113	60	24
70/ 69	.2	3.5	6.3	.5														97	97	96	83
68/ 67	.5	4.1	4.8	1.2	.2	.2												103	103	107	96
66/ 65	.5	6.6	4.1	1.0	.3													116	116	103	103
64/ 63	.3	6.1	3.0	1.0	.2	.1	.1											101	101	125	97
62/ 61	.1	4.9	2.2	1.3	.5	.3	.1											88	88	98	101
60/ 59		2.9	1.5	1.1	.1	.2	.1											55	55	81	95
58/ 57		2.8	2.4	.8	.9													63	63	50	73
56/ 55		1.3	1.6	.5	.2													34	34	59	48
54/ 53		1.0	.9	.3	.1													21	21	43	44
52/ 51		.9	.4	.5														17	17	38	47
50/ 49		.2	.8															9	9	26	35
48/ 47		.4	.4															8	8	12	17
46/ 45		.4	.2															6	6	15	16
44/ 43		.1																1	1	8	20
42/ 41																				1	21
40/ 39																					7
38/ 37																					3
TOTAL	2.0	41.4	40.5	11.8	2.9	1.0	.3												930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	6617623	78015	83.9	8.279	930							
Dry Bulb	3966857	60439	65.0	6.482	930			41.1	9.9			93
Wet Bulb	3614469	57643	62.0	6.696	930			27.1	.8			93
Dew Point	3398041	55765	60.0	7.641	930			20.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.2	.2													4	4		
78/ 77			.3	1.3	.1													16	16		
76/ 75		.1	2.9	1.7	.4	.3	.1		.1									[illegible]	53		
74/ 73		1.6	4.5	1.4	.5	.2		.1										78	78	18	
72/ 71	.1	3.9	4.5	1.6	.2		.1	.2										101	101	75	24
70/ 69	.2	4.4	7.7	.8	.5	.4	.1											122	132	91	102
68/ 67	.5	3.7	4.2	.6	.8	.3	.1											95	95	117	89
66/ 65	.3	5.6	2.9	1.7	1.0	.3	.1											111	111	123	108
64/ 63	.1	7.1	2.8	1.1	.5	.4	.1											113	113	111	114
62/ 61	.1	4.4	1.6	1.2	.6	.3												75	75	94	92
60/ 59		1.8	1.1	1.0	.6	.1												43	43	89	98
58/ 57		1.4	1.0	1.2	.3	.2												38	38	55	64
56/ 55		1.1	1.0	.6	.3													26	28	37	45
54/ 53		.2	.6	.9	.1													17	17	41	42
52/ 51		.6	.4	.1														11	11	29	31
50/ 49		.1	.5															6	6	19	23
48/ 47		.1	.2															3	3	17	31
46/ 45		.4	.1															5	5	8	23
44/ 43																				5	19
42/ 41		.1																1	1	1	13
40/ 39																					9
38/ 37																					2
TOTAL	1.4	36.7	36.5	15.4	6.3	2.7	.6	.3	.1									930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_A	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	6322683	76047	81.8	10.593	930							
Dry Bulb	4121977	61637	66.3	6.303	930			47.9	15.1	.2		93
Wet Bulb	3702926	58372	62.8	6.494	930			30.1	1.8			93
Dew Point	3447827	56185	60.4	7.586	930			21.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-78,73-80 YEARS | MAY 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				
88/ 87									.2									2	2		
86/ 85					.1	.3	.6	.7		.1			.1					15	15		
84/ 83					.3	1.4	1.0	.4	.4			.1						34	34		
82/ 81				.4	2.4	1.7	1.0	.5	.4		.1							61	61		
80/ 79			.1	2.0	2.5	2.8	1.0	1.3	.3	.3	.2							98	98		
78/ 77			.3	4.1	3.8	2.2	1.2	.4	.4	.2	.1							118	118	1	
76/ 75			2.0	2.5	3.7	1.3	1.0	1.2	.6	.1								115	115	15	
74/ 73		.1	1.7	4.4	1.8	1.6	.8	.4	.5	.1								107	107	96	3
72/ 71		.6	3.6	1.9	1.6	1.0	.6	1.2	.2									102	102	105	39
70/ 69		1.4	2.2	2.2	1.2	.5	.4	.6		.1								80	80	135	117
68/ 67	.1	.4	1.9	1.8	.8	.4	.4	.3	.1									59	59	150	106
66/ 65	.1	2.2	1.5	.8	.5	.2	.6	.1		.1								55	55	97	125
64/ 63		1.3	.6	.1	.4	.8	.1	.1	.1									33	33	90	99
62/ 61		1.0	.4		.5	.2	.2	.1										23	23	94	99
60/ 59		.1			.2	.1	.1											5	5	43	79
58/ 57		.1		.2	.1	.2												6	6	35	79
56/ 55		.1	.5	.1	.2													9	9	15	29
54/ 53		.1	.4	.1														6	6	21	19
52/ 51			.2															2	2	14	19
50/ 49																				16	27
48/ 47																				3	35
46/ 45																					29
44/ 43																					17
42/ 41																					9
40/ 39																					2
38/ 37																					4
36/ 35																					1
34/ 33																					1
32/ 31																					2
TOTAL	.2	7.4	15.6	20.6	20.1	14.7	9.0	7.1	3.4	1.1	.4	.1	.1					930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	4391868	62470	67.2	14.511	930							
Dry Bulb	5049537	63269	73.4	6.402	930			79.1	55.0	16.0		93
Wet Bulb	4068742	61272	65.9	5.860	930			50.2	11.2			93
Dew Point	3543860	56952	61.2	7.777	930		.2	26.5	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAY 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
94/ 93									.1		.1							2	2		
92/ 91								.3	.3	.3	.3							12	12		
90/ 89							.1	1.4	.9	.4	.1			.2				29	29		
88/ 87						.2	1.2	2.0	.8	.3	.2	.3	.1					48	48		
86/ 85					.2	1.1	3.3	1.9	1.7	1.0	.5	.1	.2					90	90		
84/ 83					.9	4.5	2.5	2.7	1.7	.6	.5	.1						123	123		
82/ 81				.1	2.4	1.7	3.1	1.2	.9	.3	.8	.1						98	98		
80/ 79				.9	2.3	4.3	1.1	2.0	.5	.6	.8							114	114	1	
78/ 77			.2	1.8	2.8	2.0	1.7	.6	1.2	.4	.2							103	103	12	
76/ 75			.2	1.1	1.3	1.4	.9	.9	1.4	.5	.1							72	72	59	
74/ 73		.1	.3	2.0	1.4	1.3	.5	.4	.4	.2	.1							64	64	152	7
72/ 71		.8	.8	.9	1.2	.6	.1	.9	.4	.1								47	47	121	50
70/ 69		.2	1.7	.9	.6	.3	.4	.3	.3									42	42	146	118
68/ 67			.9		.5	.1	.3	.5	.1	.3								26	26	94	115
66/ 65		.5	.8	.9		.2	.2	.3	.1									25	25	97	117
64/ 63		.3	.5	.1	.1	.4												14	14	70	94
62/ 61		.4			.3	.1												8	8	64	81
60/ 59		.1	.2		.1													4	4	40	71
58/ 57		.1		.4														5	5	23	66
56/ 55																				20	43
54/ 53		.1	.1															2	2	15	22
52/ 51		.1	.1															2	2	9	24
50/ 49																				7	24
48/ 47																					33
46/ 45																					25
44/ 43																					17
42/ 41																					7
40/ 39																					3
38/ 37																					2
36/ 35																					1
34/ 33																					1
32/ 31																					1
30/ 29																					2

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

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (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
TOTAL		2.8	5.9	7.8	13.8	18.4	15.5	14.8	10.9	5.3	3.8	.6	.3	.2				930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	3242403	53235	57.2	14.493	930							
Dry Bulb	5777131	73013	78.5	6.958	930			87.0	75.5	46.8	.2	93
Wet Bulb	4289925	62931	67.7	5.829	930			58.5	22.4			93
Dew Point	3554994	57006	61.3	8.084	930		.3	29.0	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																.1		1	1		
98/ 97											.1		.1					2	2		
96/ 95												.1						1	1		
94/ 93									.2	.1	.2	.2						7	7		
92/ 91								.8	.2	.5	.4	.4						22	22		
90/ 89							.1	2.4	1.9	.9	.6		.4	.2	.1			62	62		
88/ 87						.2	1.8	3.8	2.2	.9	.5	.4	.2	.1	.1	.1		96	96		
86/ 85					.1	1.2	1.4	3.2	1.7	.8	1.1	.1	.1					90	90		
84/ 83					.5	2.2	1.6	2.6	1.6	.8	.6	.6						98	98		
82/ 81				.2	1.0	1.9	2.9	2.4	1.9	.8	.5	.6						114	114		
80/ 79				1.0	1.5	2.2	1.4	1.0	1.1	1.4	.4	.2						94	94		
78/ 77			.4	1.3	1.7	1.1	1.3	.9	1.0	.8	.4							82	82	20	
76/ 75		.1	1.0	.6	.8	.9	.9	.2	.5	.4	.2							52	52	70	1
74/ 73		.4	.6	1.0	.8	1.6	1.3	.2	.4	.1	.1							61	61	139	7
72/ 71		.1	.5	.8	1.3	.6	.4	.5	.6									46	46	141	57
70/ 69		.9	.5	.4	.4		.1	.2	.5									29	29	120	100
68/ 67		.3	.8	.3	.3	.2	.3	.2	.2									25	25	105	104
66/ 65		.8	.4	.1		.1	.2		.2									15	15	89	118
64/ 63		.5	.2	.1	.2	.1												11	11	77	83
62/ 61		.8	.2		.1													10	10	69	79
60/ 59		.4	.1															5	5	36	70
58/ 57		.1		.3														4	4	26	81
56/ 55			.1															1	1	18	59
54/ 53			.1															1	1	11	37
52/ 51			.1															1	1	6	20
50/ 49																				3	25
48/ 47																					27
46/ 45																					26
44/ 43																					21
42/ 41																					7
40/ 39																					6
38/ 37																					6
36/ 35																					1
34/ 33																					1

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
Ref 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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					1
TOTAL		4.2	5.2	6.1	8.7	12.3	13.8	18.3	14.4	7.3	5.4	2.8	.9	.3	.2	.2			930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2983980	50544	54.3	15.972	930							
Dry Bulb	6001759	74395	80.0	7.377	930			88.2	78.2	55.0	1.1	93
Wet Bulb	4325352	63206	68.0	5.650	930			59.5	22.9			93
Dew Point	3513625	56667	60.9	8.088	930		.1	26.9	.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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
98/ 97											.1							1	1		
92/ 91									.1	.2	.1							4	4		
90/ 89							.1	.2	.2		.1							6	6		
88/ 87							.5	.9	.4	.4	.1	.1	.1	.1				25	25		
86/ 85						1.0	1.5	1.8	.4	.2	.4					.1		51	51		
84/ 83				.1	.6	1.4	1.7	1.3	1.3	.1	.1	.1	.1					64	64		
82/ 81				.6	2.0	2.4	2.9	1.6	.9	.4	.2							103	103		
80/ 79			.1	1.4	1.9	3.0	1.1	1.7	.9	.5	.2	.2						111	111		
78/ 77			.3	1.6	2.9	2.5	1.4	.5	.6	.2	.1							96	96	4	
76/ 75			.9	3.0	2.2	1.4	1.3	.9	.6	.3								98	98	42	
74/ 73		.8	1.6	1.7	1.3	1.2	1.3	.5	.3		.1							82	82	89	10
72/ 71		.4	1.1	1.0	1.4	.0	.8	.8	.4									62	62	124	50
70/ 69		1.1	1.3	1.1	1.3	1.3	.3	.2	.3									64	64	144	83
68/ 67		1.2	1.6	.8	1.1	.7	.5	.2	.1									54	54	123	118
66/ 65	.3	.8	1.9	1.0	.2	.3	.2		.1									45	45	90	124
64/ 63		.8	.1	.6	.2	.6	.3											25	25	101	89
62/ 61		.5	.5	.2	.1	.3												16	16	74	79
60/ 59		.2	.4	.1	.2	.2												11	11	51	88
58/ 57	.1			.4	.1													6	6	33	69
56/ 55		.1	.1	.2														4	4	20	55
54/ 53		.1	.1															2	2	17	38
52/ 51																				14	32
50/ 49																				4	17
48/ 47																					16
46/ 45																					35
44/ 43																					8
42/ 41																					10
40/ 39																					4
38/ 37																					3
36/ 35																					1
26/ 25																					1
TOTAL	.4	5.9	10.1	13.9	15.6	17.6	14.0	10.8	6.8	2.5	1.6	.4	.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	3862175	58205	62.6	15.366	930							
Dry Bulb	5368707	70353	75.6	7.084	930			82.1	64.1	31.0	.1	93
Wet Bulb	4151579	61911	66.6	5.692	930			52.6	13.5			93
Dew Point	3532476	56982	61.2	7.580	930		.1	26.1	1.0			97

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) MAY (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
84/ 83					.1		.1											2	2		
82/ 81				.3	1.0	.1	.1											14	14		
80/ 79			.3	1.5	1.4	1.0		.2										41	41		
78/ 77			1.2	2.7	2.9	1.7	.4	.1	.1									78	78		
76/ 75			1.9	3.1	2.8	.9	.4	.2										87	87	8	
74/ 73		.6	4.8	5.1	1.8	.8	.6	.1										129	129	52	7
72/ 71		.6	3.8	3.1	1.2	.4	.1	.3	.1	.2								91	91	81	45
70/ 69		2.3	3.9	2.9	1.4	.4	.5		.2									108	108	126	65
68/ 67	.1	1.7	3.5	2.0	.9	1.0	.2	.2										90	90	125	127
66/ 65	.3	1.6	4.2	2.4	.8	.4	.1											91	91	110	109
64/ 63	.1	1.8	2.0	2.3	.4	.6	.2											70	70	110	104
62/ 61		1.5	1.8	.8	.6	.1												45	45	88	90
60/ 59		.8	1.3	.2	.2	.1												24	24	62	94
58/ 57		.8	1.0	.8	.6													29	29	58	68
56/ 55		.2	.4	.9	.2													16	16	39	54
54/ 53		.4	.3	.3														10	10	29	46
52/ 51			.?															2	2	22	34
50/ 49			.3															3	3	12	23
48/ 47																				8	18
46/ 45																					24
44/ 43																					10
42/ 41																					6
40/ 39																					3
38/ 37																					2
36/ 35																					1
TOTAL	.5	12.4	31.1	28.2	16.3	6.8	2.9	1.2	.4	.2								930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5342594	69694	74.9	11.353	930							
Dry Bulb	4541978	64720	69.6	6.398	930			64.0	35.1	3.1		93
Wet Bulb	3883276	59834	64.3	6.023	930			39.2	6.0			93
Dew Point	3513251	56773	61.0	7.149	930			24.4	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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
100/ 99																.0		1	1		
98/ 97											.0		.0					3	3		
96/ 95												.0						1	1		
94/ 93									.0	.0	.0	.0						9	9		
92/ 91								.1	.1	.1	.1	.1						38	38		
90/ 89							.0	.5	.4	.2	.1		.1	.1	.0			97	97		
88/ 87						.1	.4	.8	.4	.3	.1	.1	.1	.0	.0	.0		171	171		
86/ 85					.1	.4	.9	.9	.5	.3	.3	.0	.1			.0		246	246		
84/ 83				.0	.3	1.2	.9	.9	.6	.2	.2	.1	.0					321	321		
82/ 81				.2	1.1	1.0	1.2	.7	.5	.2	.2	.1						390	390		
80/ 79			.1	.9	1.2	1.8	.6	.8	.3	.4	.2	.1						469	469	1	
78/ 77			.5	1.3	1.8	1.3	.8	.3	.4	.2	.1							526	526	37	
76/ 75		.1	1.9	1.9	1.4	.5	.6	.4	.4	.2	.0							570	570	196	2
74/ 73		.8	2.7	2.4	1.3	.2	.6	.2	.2	.1	.0							661	661	584	36
72/ 71	.1	1.6	3.4	1.6	.9	.5	.3	.4	.2	.0								678	678	779	329
70/ 69	.1	1.9	3.6	1.2	.8	.4	.3	.2	.2	.0								651	651	956	738
68/ 67	.2	1.8	3.1	1.0	.6	.4	.3	.2	.1	.0								573	573	935	859
66/ 65	.3	2.7	2.6	1.0	.4	.2	.2	.1	.1	.0								567	567	816	912
64/ 63	.1	2.7	1.6	.9	.3	.4	.1	.2	.0									458	458	797	786
62/ 61	.0	2.1	1.1	.5	.4	.2	.0	.0										328	328	687	707
60/ 59		1.1	.8	.4	.2	.1	.0											196	196	471	690
58/ 57	.0	.8	.8	.6	.3	.1												188	188	344	574
56/ 55		.4	.7	.3	.2													122	122	255	389
54/ 53		.3	.4	.3	.0													76	76	211	282
52/ 51	.0	.2	.3	.1														45	45	167	244
50/ 49		.0	.3															27	27	103	212
48/ 47		.1	.1															13	13	55	193
46/ 45		.1	.0															13	13	29	192
44/ 43		.0																1	1	15	124
42/ 41		.0																1	1	2	89
40/ 39																					45
38/ 37																					22
36/ 35																					5
34/ 33																					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												

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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
32/ 31																					2
30/ 29																					-
28/ 27																					1
26/ 25																					1
TOTAL	.7	16.9	24.0	15.3	11.2	9.4	7.2	6.6	4.5	2.0	1.4	.5	.2	.1	.0	.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.	38918888	523338	70.3	16.828	7440							
Dry Bulb	39006277	534881	71.9	8.616	7440			540.5	350.3	152.2	1.4	744
Wet Bulb	31762889	483737	65.0	6.467	7440			348.8	81.8			744
Dew Point	27963566	452534	60.8	7.677	7440		.7	196.4	3.8			744

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

039u2 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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
86/ 85						.3	.2											5	5		
84/ 83				.1	1.1	.4	.6	.1										21	21		
82/ 81				1.7	2.7	1.3	.2											53	53		
80/ 79			1.1	4.6	3.1	1.7												94	94		
78/ 77		.1	3.8	6.7	2.9	1.4	.1											135	136	2	
76/ 75		.7	4.3	6.6	1.7	.9	.1											128	128	46	
74/ 73	.1	1.3	5.7	4.8	.7	1.2	.1											125	125	148	41
72/ 71	.1	2.1	4.4	2.2	1.6	.6												99	99	177	111
70/ 69	.3	1.6	5.3	1.4	1.4	.2												93	93	154	159
68/ 67	.3	1.1	3.2	.3	.6	.3												53	53	119	185
66/ 65		.9	1.8	1.1		.7												40	40	83	115
64/ 63		.6	.9	.4	.3	.1												21	21	72	80
62/ 61			.3	.6	.1													9	9	26	71
60/ 59		.4	.7	.3	.1													14	14	25	39
58/ 57		.4	.6															9	9	20	25
56/ 55																				18	28
54/ 53																				9	14
52/ 51																					13
50/ 49																					14
48/ 47																					4
TOTAL	.9	9.2	32.1	30.8	16.2	9.2	1.3	.1										899	900		899
																		899		899	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5331082	68714	76.4	9.380	899							
Dry Bulb	4917218	66342	73.7	5.473	900			80.7	56.2	12.4		90
Wet Bulb	4241154	61594	68.5	4.848	899			64.7	19.6			90
Dew Point	3909024	59078	65.7	5.453	899			40.7	4.1			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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JUN MONTH

PAGE 1 | 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				.8	.1		.1											9	9		
80/ 79			.7	2.7	1.9	.4												51	51		
78/ 77			4.0	5.7	1.1													97	97		
76/ 75		.1	9.0	5.8	.8	.2												135	135	19	
74/ 73	.2	2.7	9.4	4.2	.4													153	153	102	30
72/ 71		3.8	7.3	1.9	.6	.4												126	126	176	106
70/ 69	.1	3.8	4.7	1.3	.9	.1												98	98	183	165
68/ 67	.7	1.8	4.4	1.4	.8													82	82	131	197
66/ 65	.2	3.0	2.4	.7	.1	.4												62	62	81	107
64/ 63		1.3	.6	.3	.3													27	27	72	80
62/ 61		.2	.7	.7	.2													18	18	54	60
60/ 59		.6	1.1	.6														20	20	13	41
58/ 57		.6	1.2	.1														17	17	22	32
56/ 55		.1	.4															5	5	28	17
54/ 53																				19	19
52/ 51																				1	1
50/ 49																					2
48/ 47																					
TOTAL	1.2	17.9	45.2	26.1	7.7	1.9	.1												900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5971736	72968	81.1	7.879	900							
Dry Bulb	4640359	64449	71.6	9.291	900			75.1	44.5	3.2		90
Wet Bulb	4140090	60874	67.6	5.026	900			61.1	12.1			90
Dew Point	3684616	58916	65.5	5.565	900			49.8	3.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

 0600-0830 (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					.3	.3			.1									6	6		
84/ 83				.2	.8	.3												12	12		
82/ 81				.8	2.7	.9	.1											33	33		
80/ 79			.8	3.4	3.3	.6		.1										74	74		
78/ 77			4.6	6.9	2.7	.7												133	133	6	
76/ 75		.1	7.1	5.6	1.6	.4	.1	.1										135	135	27	1
74/ 73		2.6	7.9	3.9	1.1	.8	.1											147	147	148	34
72/ 71		3.4	5.2	2.5	.3	.3												107	107	191	117
70/ 69	.2	2.9	4.1	1.7	.9	.4												92	92	168	204
68/ 67	.2	1.7	3.4	.4	.4	.1	.1											58	58	118	190
66/ 65	.3	1.2	2.3	1.0	.6	.4												53	53	77	94
64/ 63		.9	.6	.3	.3													19	19	64	73
62/ 61		.1	.2	.3														6	6	36	61
60/ 59		.0	.6	.2														12	12	20	40
58/ 57		.6	.7	.1														12	12	19	23
56/ 55		.1																1	1	18	21
54/ 53																				7	14
52/ 51																				1	13
50/ 49																					11
48/ 47																					4
TOTAL	.8	14.1	37.4	27.4	14.2	5.2	.4	.2	.1									900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	5658802	70890	78.8	9.136	900							
Dry Bulb	4c46879	65977	73.2	5.263	900			79.7	54.0	8.3		90
Wet Bulb	4252142	61716	68.6	4.725	900			65.3	18.1			90
Dew Point	3958067	59495	66.1	5.286	900			54.6	3.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.1	.1	.1						3	3		
94/ 93									.3	.3	.2							8	8		
92/ 91							.1	.4	1.4	.4								23	23		
90/ 89						.1		1.4	1.0	.2								25	25		
88/ 87						.1	3.1	4.2	.8	.2	.1							77	77		
86/ 85						3.6	5.7	2.9	.4	.2								115	115		
84/ 83					1.9	6.4	3.6	2.2	.8	.3								137	137		
82/ 81				.7	4.7	5.4	3.0	1.6	.7									144	144		
80/ 79			.1	3.1	3.9	3.4	1.0	.7	.4	.1								115	115	3	
78/ 77			.2	2.3	1.9	1.8	1.6	.2	.4									76	76	26	
76/ 75		1.0	1.4	3.0	.9	.7	.8	.1	.2									73	73	129	1
74/ 73	.2	.6	1.0	.3	.8	.7	.3	.2										37	37	280	13
72/ 71	.6	.9	.8	.2	.1	.1	.2	.1										27	27	148	126
70/ 69	.7	.8	.2	.2	.2	.2												21	21	114	204
68/ 67		.4		.1	.1													6	6	85	184
66/ 65	.3		.1	.1														5	5	47	101
64/ 63			.2															2	2	23	97
62/ 61	.1	.3																4	4	21	40
60/ 59		.2																2	2	10	41
58/ 57																				14	23
56/ 55																					21
54/ 53																					12
52/ 51																					16
50/ 49																					3
48/ 47																					4
46/ 45																					2
44/ 43																					1
42/ 41																					1
TOTAL		1.9	4.6	9.9	16.3	23.0	19.7	15.1	6.8	2.2	.4	.1						900	900		900
																				900	

Element (Y)	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.	3480017	55039	61.2	11.268	900							
Dry Bulb	5952346	73016	81.1	5.644	900			88.7	83.3	59.6	1.1	90
Wet Bulb	4569601	64023	71.1	4.114	900			78.5	43.8			90
Dew Point	3955587	59485	66.1	5.162	900			53.8	1.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JUN 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
106/105															.1			1	1		
104/103															.1	.1		2	2		
102/101												.1			.1			2	2		
100/ 99											.2	.7	.1	.3				12	12		
98/ 97											.7	.9	.1	.1				16	16		
96/ 95										1.2	1.7	.7	.2					34	34		
94/ 93									.9	2.8	1.4	.9						54	54		
92/ 91								.2	3.6	5.6	2.0	.2	.1					105	105		
90/ 89							.9	4.4	6.9	1.9	1.6	.3						144	144		
88/ 87						.2	4.0	7.1	2.2	1.8	.9	.2						148	148		
86/ 85					.2	1.7	3.6	2.4	2.7	1.6	.2	.1						112	112		
84/ 83					.7	1.4	1.1	1.9	1.7	.9	.4							73	73		
82/ 81					.6	.2	1.6	1.9	.8	.8	.3							55	55		
80/ 79				.3	1.1	.9	.4	.3	.7	.8								41	41	7	
78/ 77			.1		1.3	.6		.3	.2	.3	.4							30	30	63	
76/ 75			.4	.6	.6	.2	.1	.4	.3									24	24	228	1
74/ 73			.3	.8		.2	.1	.2										15	15	236	19
72/ 71		.3	.7		.1		.1											11	11	100	51
70/ 69	.1	.4	.3	.2	.1													11	11	114	188
68/ 67		.1	.2		.2													5	5	69	201
66/ 65		.1		.1														2	2	29	122
64/ 63																				26	90
62/ 61			.3															3	3	12	78
60/ 59																				13	51
58/ 57																				3	31
56/ 55																					24
54/ 53																					11
52/ 51																					12
50/ 49																					10
48/ 47																					3
46/ 45																					4
44/ 43																					2
TOTAL	.1	1.0	2.4	2.0	4.9	5.4	11.9	19.3	19.9	17.6	9.9	4.1	.6	.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	2371530	44938	49.9	11.9	900							
Dry Bulb	6778264	77894	86.5	6.383	900			89.5	86.8	78.6	12.1	90
Wet Bulb	4702392	64954	72.2	4.029	900			61.7	53.4	.1		90
Dew Point	3835511	58559	65.1	5.309	900			45.6	1.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) 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
106/105																.1	.2	3	3		
104/103														.1	.2	.3		6	6		
102/101												.2	.3		.2			7	7		
100/ 99												1.6	1.1	.6				29	29		
98/ 97											1.9	1.7	.6	.1				37	37		
96/ 95										1.2	2.3	.6	.3					40	40		
94/ 93								.2	.5	1.7	4.9	2.4	.2					92	92		
92/ 91							.1	.4	4.1	6.8	2.9	1.2	.6					145	145		
90/ 89							.4	4.7	7.7	1.9	1.2	1.0	.1					153	153		
88/ 87							1.2	3.1	2.3	2.2	1.2	.2						95	95		
86/ 85						.7	.7	1.2	2.0	1.8	.9	.7	.1					72	72		
84/ 83					.6	.6	1.4	.9	1.2	.7	.6	.4						57	57		
82/ 81				.1	.6	1.3	1.1	.6	.7	1.0								48	48		
80/ 79				.4	1.2	.6	.2		.2	.3	.2	.1						30	30	9	
78/ 77			.3	.4	.9	.4		.1	.7	.2								28	28	76	
76/ 75			.4	.4	.9			.2	.1									19	19	215	2
74/ 73		.1	.4	.2	.1	.1												9	9	234	19
72/ 71		.7	.8	.2	.2													17	17	122	47
70/ 69		.1	.3	.1	.4													9	9	105	147
68/ 67		.1																1	1	63	177
66/ 65																				22	174
64/ 63																				34	88
62/ 61																				12	84
60/ 59		.1	.1															2	2	5	45
58/ 57			.1															1	1	1	41
56/ 55																				2	26
54/ 53																					21
52/ 51																					11
50/ 49																					15
48/ 47																					6
46/ 45																					1
44/ 43																					1
42/ 41																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL		1.1	2.6	2.0	4.9	3.7	5.2	11.7	19.8	17.8	16.0	10.1	3.3	.8	.4	.4	.2	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.	2122498	42116	46.8	12.988	900							
Dry Bulb	7051478	79424	88.2	6.867	900			89.7	87.0	79.9	21.4	90
Wet Bulb	4726904	65128	72.4	3.940	900			82.4	53.4			90
Dew Point	3773685	58073	64.5	5.429	900			38.5	1.7			9

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103														.1				1	1		
102/101															.1			1	1		
100/ 99												.1	.2	.2				5	5		
98/ 97											.3	.9	.1	.1				13	13		
96/ 95										.2	1.4	.6	.2					25	25		
94/ 93									.4	2.0	.6	.3						30	30		
92/ 91							.1	.2	1.9	2.4	1.7	.2	.1					60	60		
90/ 89							.4	3.0	2.7	3.0	1.0	.2						93	93		
88/ 87						.3	2.1	5.6	3.3	1.3	.9	.1						122	122		
86/ 85					.1	2.2	3.4	3.0	2.3	1.4	.2	.1						116	116		
84/ 83				.1	1.4	3.1	2.4	2.1	1.2	.1	.2	.2						99	99		
82/ 81				.6	1.7	2.7	2.9	1.3	.8	.9	.2							99	99		
80/ 79			.1	.8	1.9	1.7	1.4	1.1	.8	.2								64	64	1	
78/ 77			.5	1.2	1.7	1.0	.8	.6	.1	.2								53	53	39	
76/ 75			.9	1.2	.9	.9	.2	.2	.7	.1								46	46	164	2
74/ 73		.1	1.0	1.0	.4	.2	.3	.1										29	29	225	21
72/ 71		.2	1.1	.1		.1	.2	.1										17	17	195	70
70/ 69		.3	.8	.7	.4	.2	.1	.1										21	21	128	129
68/ 67			.1	.1														2	2	88	203
66/ 65					.1													1	1	39	136
64/ 63																				32	108
62/ 61																				12	73
60/ 59																				11	47
58/ 57																				3	32
56/ 55		.3																3	3		25
54/ 53																				3	15
52/ 51																					11
50/ 49																					14
48/ 47																					4
46/ 45																					2
44/ 43																					1
TOTAL	1.0	4.3	5.4	7.8	12.3	14.6	17.4	14.2	12.0	6.9	2.9	.7	.4	.1				900	900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2765650	48438	53.8	13.287	900			89.6	85.6	69.8	7.5	90
Dry Bulb	6416805	75763	84.2	6.586	900			89.6	85.6	69.8	7.5	90
Wet Bulb	4602320	64258	71.4	4.009	900			89.0	42.9			90
Dew Point	3818039	58425	64.9	5.393	900			42.5	2.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — STATION NAME
69-70,73-80 — YEARS
JUN — 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
92/ 91									.3									3	3		
90/ 89							.2	.3	.2									7	7		
88/ 87							1.1	1.0	.3	.2								24	24		
86/ 85					.1	2.2	1.2	1.3	.4									48	48		
84/ 83				.1	.7	3.7	2.3	.7		.1								68	68		
82/ 81				1.7	5.1	4.2	2.0	.9										124	124		
80/ 79			.7	3.3	4.9	4.8	1.4	.2	.2									140	140		
78/ 77		.1	1.3	3.3	4.5	2.3	1.0	.6										118	118	6	
76/ 75		.4	1.7	2.7	3.3	1.4	1.3	.1	.1									97	97	76	2
74/ 73		.4	3.9	2.9	1.4	.9	.1	.4										91	91	189	37
72/ 71		.4	3.1	1.2	.8	.4	.6	.1										60	60	173	84
70/ 69		.6	2.3	1.4	.6	.4	.4	.1										53	53	146	183
68/ 67		.8	.7	1.3	.7	.3	.1											35	35	127	169
66/ 65		.6	.4	.1	.2	.2												14	14	69	133
64/ 63			.1	.4	.2	.1												8	8	45	88
62/ 61			.1	.1	.1													3	3	23	71
60/ 59			.2															2	2	20	44
58/ 57																				14	30
56/ 55		.3																3	3	7	23
54/ 53																				3	10
52/ 51																					14
50/ 49																					11
48/ 47																					5
46/ 45																					1
TOTAL		3.7	14.6	18.7	22.3	21.2	11.9	5.7	1.7	.3								898		898		898

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4256902	60958	67.9	11.516	898							
Dry Bulb	5397348	69432	77.3	5.683	898			87.0	72.2	35.2		90
Wet Bulb	4369950	62518	69.6	4.417	898			71.9	27.2			90
Dew Point	3884161	59869	65.6	5.275	898			46.7	3.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105															.0	.0	.0	4	4		
104/103														.0	.0	.1		9	9		
102/101												.0	.0		.1			10	10		
100/ 99											.0	.3	.2	.1				46	46		
98/ 97											.3	.4	.1	.0				66	66		
96/ 95										.3	.7	.2	.1					102	102		
94/ 93								.0	.3	.8	.9	.5	.0					184	184		
92/ 91							.0	.2	1.4	1.9	.9	.2	.1					336	336		
90/ 89						.0	.3	1.7	2.3	.9	.5	.2	.0					422	422		
88/ 87						.1	1.4	2.7	1.1	.7	.4	.1						466	466		
86/ 85					.1	1.4	1.8	1.4	1.0	.6	.2	.1	.0					474	474		
84/ 83				.1	.9	2.0	1.4	1.0	.6	.3	.2	.1						467	467		
82/ 81				.8	2.2	2.0	1.4	.8	.4	.3	.1							565	565		
80/ 79			.4	2.3	2.6	1.8	.8	.5	.3	.2	.0	.0						609	609	25	
78/ 77		.0	1.8	3.3	2.1	1.0	.4	.2	.2	.1	.1							670	671	219	
76/ 75		.2	3.0	3.0	1.5	.6	.3	.2	.2	.0								657	657	904	9
74/ 73	.0	.9	3.7	2.3	.6	.5	.2	.1	.0									606	606	1562	206
72/ 71	.0	1.4	2.9	1.1	.5	.3	.1	.1	.0									464	464	1242	712
70/ 69	.1	1.3	2.3	.8	.6	.2	.1	.0										398	398	1112	1376
68/ 67	.2	.7	1.6	.5	.3	.1	.0											242	242	800	1507
66/ 65	.1	.8	.9	.4	.1	.2												177	177	447	982
64/ 63		.3	.3	.2	.2	.0												77	77	368	704
62/ 61		.1	.3	.2	.1													43	43	196	543
60/ 59		.2	.4	.1	.0													52	52	117	350
58/ 57		.2	.3	.0														39	39	96	237
56/ 55		.1	.1															12	12	73	196
54/ 53																				40	116
52/ 51																				2	106
50/ 49																					101
48/ 47																					33
46/ 45																					11
44/ 43																					5
42/ 41																					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) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — STATION NAME
69-70,73-80 — YEARS
JUN — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	5.2	17.9	15.3	11.8	10.2	8.1	8.7	7.8	6.2	4.2	2.1	.5	.2	.1	.1	.0	7197	7198	7197	7197

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	31958217	464061	64.5	16.819	7197							
Dry Bulb	46000697	572197	79.5	8.459	7198			690.0	569.6	347.0	42.1	720
Wet Bulb	35604553	505065	70.2	4.723	7197			596.3	270.5	.1		720
Dew Point	31818690	470980	65.4	5.372	7197			381.2	21.5			720

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89									.1									1	1		
88/ 87								.2	.1									3	3		
86/ 85						.1	1.1	.5										16	16		
84/ 83					.3	2.7	2.4	1.6	.2									66	66		
82/ 81				.2	2.3	4.7	3.6	.7	.2									110	110		
80/ 79			.4	3.1	7.6	3.9	1.1	.6										155	155		
78/ 77			2.3	8.1	7.9	2.5	.4	.2	.1									199	199		
76/ 75		.2	5.8	7.1	3.5	.5	.2	.1	.1									163	163	13	
74/ 73		2.3	6.4	3.2	.3	.1	.2	.1										122	122	197	7
72/ 71		3.6	2.0	.5	.1	.2												60	60	335	93
70/ 69		1.5	1.0	.3		.1												27	27	234	279
68/ 67		.3	.2															5	5	110	251
66/ 65																				19	150
64/ 63																				12	77
62/ 61																				6	42
60/ 59																				1	9
58/ 57																					6
56/ 55																					5
54/ 53																					4
52/ 51																					2
50/ 49																					1
48/ 47																					1
TOTAL		7.9	18.1	23.2	22.3	14.9	9.0	3.8	.9									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.	4902696	66558	71.8	11.566	927							
Dry Bulb	5662228	71722	77.4	3.761	927			93.0	83.8	27.3		93
Wet Bulb	4634855	65513	70.7	2.304	927			89.2	21.1			93
Dew Point	4202650	62344	67.3	3.253	927			63.2	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.2											2	2		
82/ 81					.3	.3	.4											14	14		
80/ 79				1.0	3.8	2.6	.5	.2										66	66		
78/ 77			1.9	7.1	4.6	2.3	.2	.2										152	152		
76/ 75		.5	11.4	9.8	3.5	.9	.2	.1										245	245	1	
74/ 73		6.5	11.7	5.8	1.1	.2												234	234	78	7
72/ 71		6.0	6.4	2.6	.1	.1	.1											142	142	321	106
70/ 69		3.3	1.8	.1	.4													53	53	311	267
68/ 67		.5	.5		.2													12	12	152	263
66/ 65		.3	.2	.1														6	6	39	143
64/ 63		.1																1	1	18	75
62/ 61																				7	42
60/ 59																					9
58/ 57																					12
56/ 55																					2
54/ 53																					2
52/ 51																					1
TOTAL		17.4	34.0	26.5	13.1	6.8	1.7	.5										927	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	5824811	72923	78.7	9.764	927							
Dry Bulb	5165230	69144	74.6	2.911	927			92.3	71.5	4.1		93
Wet Bulb	4531019	64779	69.9	2.278	927			86.6	7.9			93
Dew Point	4219933	62481	67.4	3.053	927			64.5	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (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							.1											1	1		
86/ 85								.2	.1	.1								4	4		
84/ 83					.1	.8	.6	.6		.1								21	21		
82/ 81				.4	2.4	2.4	1.4	.1										62	62		
80/ 79			.1	3.3	6.9	2.4	.6		.1									121	121		
78/ 77			3.7	8.3	3.5	1.7	.1											161	161		
76/ 75		1.2	10.9	7.3	2.8	.4		.2										212	212	10	
74/ 73		5.6	10.1	3.1	.5	.2	.2											194	184	177	2
72/ 71		5.5	4.3	1.2	.2	.2												106	106	353	161
70/ 69		2.6	1.8	.1	.1													43	43	251	317
68/ 67		.4	.1	.1														6	6	90	231
66/ 65		.1	.5	.1														7	7	27	10[illegible]
64/ 63		.2																2	2	11	58
62/ 61																				11	2[illegible]
60/ 59																					9
58/ 57																					7
56/ 55																					2
54/ 53																					5
TOTAL		19.6	31.5	24.0	16.1	8.1	3.1	1.2	.2	.2								930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	5700601	72153	77.6	10.514	930							
Dry Bulb	5343668	70418	75.7	3.555	930			92.1	76.6	14.4		93
Wet Bulb	4641353	65663	70.6	2.364	930			88.1	18.7			93
Dew Point	4310024	63248	68.0	3.045	930			71.7	.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — 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
98/ 97											.1		.1			.1		3	3		
96/ 95										.1	.3	.3	.4					11	11		
94/ 93										.5	.9	.2		.1	.1			17	17		
92/ 91								.1	.9	2.6	1.4	.2	.1					49	49		
90/ 89								2.2	4.6	2.6	1.0	.1						97	97		
88/ 87							2.3	6.3	4.6	.9	.3							134	134		
86/ 85						3.1	6.7	5.5	1.4									155	155		
84/ 83					1.9	6.2	4.6	2.8	.1		.1							165	165		
82/ 81				.4	5.1	5.7	1.9	.3	.1	.1								127	127		
80/ 79			.1	1.8	4.7	1.1	.1											73	73		
78/ 77			1.2	2.2	.9	.2	.1	.1	.1									44	44	5	
76/ 75			1.3	1.1	.1													23	23	165	
74/ 73		.6	1.1	.1		.1												12	12	422	8
72/ 71		.4	.2		.1	.1												8	8	253	105
70/ 69		.2																2	2	60	263
68/ 67			.2	.1														3	3	12	234
66/ 65		.1																1	1	5	172
64/ 63																				6	78
62/ 61																				2	41
60/ 59																					10
58/ 57																					7
56/ 55																					1
54/ 53																					4
52/ 51																					3
50/ 49																					2
TOTAL		1.4	4.1	5.7	12.6	18.5	15.7	17.3	11.8	6.8	4.1	.9	.6	.1	.1	.1			930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3244954	53714	57.8	12.389	930							
Dry Bulb	6641957	78467	84.4	4.905	930			92.9	91.6	80.1	3.1	93
Wet Bulb	4935655	67725	72.8	2.008	930			91.7	59.2			93
Dew Point	4221212	62582	67.3	3.267	930			91.2	.8			93

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

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 69-70,73-80 YEARS — JUL 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
106/105															.1			1	1		
104/103																.1		1	1		
102/101														.4	.2		.1	7	7		
100/ 99												.2	.9	.9	.4	.2		24	24		
98/ 97											.1	1.3	3.3	1.4		.1		58	58		
96/ 95											3.2	5.2	1.2	.4	.1	.1		95	95		
94/ 93									.4	2.5	6.7	3.9	1.0	.2	.1			134	134		
92/ 91								.2	2.6	8.7	4.1	1.2	.1	.3				160	160		
90/ 89							.1	4.4	6.2	4.3	1.2	.3						154	154		
88/ 87						.1	2.8	5.7	3.1	.4	.2	.1						116	116		
86/ 85						1.6	2.3	1.6	.5	.1	.3							60	60		
84/ 83					.2	1.9	1.2	.5										36	36		
82/ 81			.1		1.4	1.3	.1		.1									28	28		
80/ 79				1.1	1.3	.1												23	23	1	
78/ 77			.1	.5	.4	.1		.1	.1									13	13	24	1
76/ 75			.4	.2														6	6	271	
74/ 73		.3	.4	.1			.1											9	9	418	7
72/ 71		.1	.1															2	2	146	48
70/ 69																				47	155
68/ 67			.2															2	2	10	197
66/ 65		.1																1	1	11	200
64/ 63																				2	165
62/ 61																					61
60/ 59																					46
58/ 57																					23
56/ 55																					10
54/ 53																					5
52/ 51																					7
50/ 49																					2
48/ 47																					1
TOTAL		.5	1.4	1.9	3.3	5.2	6.6	12.6	13.1	16.0	15.5	12.2	6.5	3.7	1.0	.5	.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.	2067576	42300	45.5	12.433	930							
Dry Bulb	7591418	83872	90.2	5.433	930			92.9	92.5	88.6	32.3	93
Wet Bulb	5025133	68335	73.5	2.070	930			91.7	71.4			93
Dew Point	4001863	60897	65.5	3.922	930			40.4	.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

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — STATION NAME
69-70,73-80 — YEARS
JUL — 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					
106/105																.2			2	2		
104/103														.2	.4	.2	.1		9	9		
102/101													.1	.8	.9	.6	.1		23	23		
100/ 99												.8	2.9	2.7	.5	.1			65	65		
98/ 97											.4	1.9	5.6	2.9	.4	.3	.1		105	105		
96/ 95										.3	1.6	7.9	3.1	1.8	.2	.1			137	137		
94/ 93										2.9	7.4	4.0	1.4	.4	.1				151	151		
92/ 91								.5	3.1	6.2	3.4	.8	.2						133	133		
90/ 89							.3	1.7	5.4	1.4	1.2	.1							94	94		
88/ 87							1.0	2.5	1.3	.6	.1	.2							53	53		
86/ 85						.2	2.3	.9	.1			.1							39	39		
84/ 83					.4	1.6	1.3	.2		.1									34	34		
82/ 81				.3	1.0	1.1	.1			.2									25	25		
80/ 79			.1	.5	1.3	.5				.1									24	24		
78/ 77				.5	.2														8	8	40	
76/ 75		.1	.9	.3															12	13	246	
74/ 73		.1	.3	.3															7	7	400	8
72/ 71		.2	.5																7	7	164	44
70/ 69			.1																1	1	59	167
68/ 67																					13	175
66/ 65																					3	190
64/ 63																					4	154
62/ 61																						115
60/ 59																						56
58/ 57																						35
56/ 55																						18
54/ 53																						11
52/ 51																						9
50/ 49																						4
48/ 47																						2
46/ 45																						1
TOTAL		.4	1.9	2.2	2.9	4.1	5.0	5.5	9.9	11.9	14.2	15.4	13.3	8.4	2.6	1.6	.3			930		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.	1853335	39285	42.3	13.637	929							
Dry Bulb	7880242	85414	91.8	6.187	930			93.0	92.2	88.2	49.2	93
Wet Bulb	5015564	68232	73.4	2.114	929			92.3	68.7			93
Dew Point	3889124	59974	64.6	4.324	929			33.4	.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105															.1			1	1		
104/103															.1			1	1		
102/101														.2	.2			4	4		
100/ 99													.4	.4	.2	.2		12	12		
98/ 97												.9	1.8	.8	.4			37	37		
96/ 95											.4	4.2	2.5	.5	.1			72	72		
94/ 93										.8	4.1	3.3	.9	.2	.3	.1		90	90		
92/ 91									.6	4.9	5.2	1.0	.4	.1				114	114		
90/ 89								2.0	5.4	4.4	1.9	.6						134	134		
88/ 87							1.2	5.3	3.0	1.1	.6	.3	.1					108	108		
86/ 85						1.9	3.1	3.3	1.3	.5	.2							93	93		
84/ 83					.6	3.0	3.2	.6	.4	.1		.1						76	76		
82/ 81				.3	1.8	2.0	1.1			.1								55	55		
80/ 79			.1	1.4	1.7	1.3			.1									43	43		
78/ 77			.6	2.2	.5		.1	.1										33	33	3	
76/ 75		1.2		.2	.5	.1												19	19	142	
74/ 73	.5	1.4		.2														20	20	394	8
72/ 71	.6	1.1		.2														18	18	255	61
70/ 69																				88	131
68/ 67																				32	169
66/ 65																				12	188
64/ 63																				3	151
62/ 61																				1	107
60/ 59																					45
58/ 57																					24
56/ 55																					20
54/ 53																					15
52/ 51																					4
50/ 49																					2
48/ 47																					1
46/ 45																					3
TOTAL	1.2	4.4	4.5	5.3	8.5	8.7	11.4	10.9	11.9	12.5	10.4	6.1	2.3	1.5	.3	.1		930	930		930
																		930		00	

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.	2474633	45749	49.2	15.532	930							
Dry Bulb	7183307	81519	87.7	6.378	930			93.0	91.2	82.1	21.7	93
Wet Bulb	4893163	67429	72.5	2.144	930			91.4	53.9			93
Dew Point	3947267	60455	65.0	4.324	930			36.9	.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97												.1						1	1		
94/ 93											.1	.1						2	2		
92/ 91										.2	.1							3	3		
90/ 89								.1	.0	1.3	.6	.1						28	28		
88/ 87							.2	2.6	3.1	1.8	.5							74	74		
86/ 85						.4	4.1	4.7	3.1	.3	.2	.1						121	121		
84/ 83					.1	3.0	4.4	4.1	1.6	.3	.2							128	128		
82/ 81				.4	3.7	5.9	4.6	1.2	.6	.2								155	155		
80/ 79			.2	2.7	7.1	4.0	1.2		.3									145	145		
78/ 77			1.0	4.3	3.8	1.4		.1		.1								104	104		
76/ 75		.2	3.8	2.5	1.2	.3	.1	.1	.1									77	77	23	
74/ 73		.6	3.5	.2	.1		.1		.1									44	44	269	7
72/ 71		2.2	1.7	.3	.1	.1												41	41	330	7
70/ 69		.5	.2															7	7	208	19
68/ 67																				70	241
66/ 65																				19	163
64/ 63																				5	107
62/ 61																				3	81
60/ 59																				3	27
58/ 57																					11
56/ 55																					10
54/ 53																					6
52/ 51																					3
48/ 47																					3
TOTAL		3.9	11.1	10.4	18.0	15.2	14.7	12.9	9.9	4.0	1.8	.4						930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	3818317	58059	62.4	14.764	930							
Dry Bulb	6108831	75249	80.9	4.665	930			93.0	88.2	59.3	.3	93
Wet Bulb	4717713	66209	71.2	2.249	930			90.0	29.2			93
Dew Point	4091893	61586	66.2	3.822	930			51.6	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

C3902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 69-70,73-83 YEARS — JUL MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105															.0	.0		4	4		
104/103														.0	.1	.0	.0	11	11		
102/101													.2	.2	.2	.1	.2	34	34		
100/ 99												.1	.5	.5	.1	.1		101	101		
98/ 97											.1	.9	1.4	.6	.1	.1	.0	204	204		
96/ 95										.1	.7	2.2	.9	.3	.1	.0		315	315		
94/ 93									.1	.8	2.4	1.4	.4	.1	.1	.0		394	394		
92/ 91								.1	.9	2.8	1.8	.4	.1	.1				459	459		
90/ 89							.1	1.3	2.8	1.7	.7	.2						508	508		
88/ 87						.0	.9	2.3	1.9	.6	.2	.1	.0					489	489		
86/ 85						1.0	2.4	2.1	.8	.1	.1	.0						488	488		
84/ 83					.5	2.7	2.2	1.3	.3	.1	.0	.0						528	528		
82/ 81			.0	.3	2.3	3.1	1.7	.2	.1	.1								576	576		
80/ 79			.1	1.9	4.1	2.0	.4	.1	.1	.0								650	650	1	
78/ 77		1.4	4.2	2.7	1.0	.1	.1	.1	.0	.0								714	714	72	1
76/ 75	.3	4.5	3.6	1.4	.3	.1	.1	.0										757	758	871	
74/ 73	2.1	4.4	1.7	.3	.1	.1	.0	.0										638	638	2355	56
72/ 71	2.3	2.0	.6	.1	.1	.0												384	384	2157	688
70/ 69	1.0	.6	.1	.1	.0													133	133	1259	1717
68/ 67	.2	.2	.0	.0														28	28	489	1763
66/ 65	.1	.1	.0															15	15	135	1311
64/ 63	.0																	3	3	61	867
62/ 61																				30	517
60/ 59																				4	209
58/ 57																					123
56/ 55																					71
54/ 53																					55
52/ 51																					32
50/ 49																					17
48/ 47																					8
46/ 45																					4
TOTAL	6.0	13.3	12.3	11.5	10.1	8.1	8.2	7.1	6.4	6.0	4.9	3.3	1.8	.6	.3	.1		7433	7434		7433
																		7433		7433	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	29857423	450741	60.6	18.630	7433							
Dry Bulb	51476879	615805	82.8	7.917	7434			742.2	687.7	443.4	106.4	744
Wet Bulb	38394455	533877	71.8	2.653	7433			721.0	330.2			744
Dew Point	32883963	493567	66.4	3.848	7433			422.9	5.7			744

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (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					.1			.1	.4									6	6		
84/ 83					.6	1.5	1.5	1.5	.3									51	51		
82/ 81				.1	2.8	4.3	2.5	.4	.1									95	95		
80/ 79			.9	5.0	7.3	4.2	1.1	.3	.1									175	175		
78/ 77		.1	3.8	8.0	5.4	1.4	.3	.2		.1								179	179	3	
76/ 75		.3	4.8	4.5	3.7	.8	.5	.2										138	138	16	2
74/ 73		1.7	4.5	6.4	1.9	.2	.3	.1										140	140	198	18
72/ 71	.1	1.9	6.2	1.9	.4	.2												102	102	273	118
70/ 69	.3	1.1	2.0	.2	.3													37	37	205	218
68/ 67	.2		.1	.1	.1													5	5	165	215
66/ 65				.1														1	1	43	176
64/ 63																				19	99
62/ 61																				7	47
60/ 59																					21
58/ 57																					7
56/ 55																					13
52/ 51																					2
50/ 49																					1
TOTAL	.6	5.2	22.4	26.3	22.6	12.7	6.2	2.9	1.0	.1								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	5015701	67513	72.7	10.855	929							
Dry Bulb	5484473	71295	76.7	3.748	929			92.9	78.5	23.9		97
Wet Bulb	4602085	65339	70.3	2.671	929			86.1	21.7			97
Dew Point	4188460	62292	67.1	3.537	929			57.2	2.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 — STATION
ROBERT GRAY AAF TX (FORT HOOD) — STATION NAME
69-70,73-80 — YEARS
AUG — 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
84/ 83				.1															1		
82/ 81				.1		.4	.5	.1										11	11		
80/ 79			.3	1.3	2.8	1.7	.3											60	60		
78/ 77		.1	4.0	8.6	3.2	1.1	.1											159	159	1	
76/ 75		1.8	10.9	8.4	2.3	.5												222	222	10	
74/ 73		4.2	10.3	5.9	1.6		.4											208	208	135	26
72/ 71	.8	3.1	7.2	4.3	.8	.5	.1											153	153	283	144
70/ 69	.3	2.0	6.1	1.0	.2													89	89	213	237
68/ 67	.2	.6	1.2	.2														21	21	164	209
66/ 65			.2	.2														4	4	91	153
64/ 63			.1															1	1	18	85
62/ 61		.1																1	1	13	52
60/ 59																				2	1
58/ 57																					5
56/ 55																					7
54/ 53																					1
TOTAL	1.3	2.0	40.2	29.7	10.9	4.3	1.5	.1										930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	5943329	73892	79.5	8.904	930							
Dry Bulb	5136696	69056	74.3	3.117	930			92.4	66.1	3.2		93
Wet Bulb	4528370	64844	69.7	2.772	930			80.6	14.6			93
Dew Point	4236604	62690	67.4	3.403	930			61.2	2.6			93

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | AUG 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
88/ 87								.1	.1									2	2		
86/ 85							.1	.1										2	2		
84/ 83					.1	.4	.5	.2	.1									16	15		
82/ 81				.9	1.2	1.1	.4											30	30		
80/ 79			.8	4.7	3.8	1.9	.2											106	106		
78/ 77		.2	3.5	8.0	3.9	.5	.2											152	152		
76/ 75		2.2	11.0	5.9	2.4	.3												202	202	25	
74/ 73	.1	4.4	8.9	4.2	.3	.2												169	168	188	40
72/ 71	1.2	4.4	7.0	3.3	.8	.3	.1											159	159	288	169
70/ 69	.5	2.3	4.3	.2	.5	.1												71	71	214	260
68/ 67	.1	.8	.8															15	15	130	199
66/ 65		.3	.4															7	7	57	137
64/ 63																				16	73
62/ 61		.1																1	1	10	28
60/ 59																				2	6
58/ 57																					1
56/ 55																					4
54/ 53																					2
TOTAL	1.9	14.6	36.2	26.9	12.9	5.2	1.6	.4	.2									930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5940736	73798	79.4	9.547	930							
Dry Bulb	5235906	69700	74.9	3.602	930			92.2	67.7	9.1		93
Wet Bulb	4607223	65408	70.3	2.749	930			84.5	21.3			93
Dew Point	4311195	63247	68.0	3.268	930			66.8	4.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | AUG 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	7-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97														.2					2	2		
96/ 95												.1	.5						6	6		
94/ 93									.1	.2	.4	.8	.1						15	15		
92/ 91									.1	1.0	2.4	.3	.1		.1				37	37		
90/ 89								.9	2.3	3.3	1.0	.1	.1						75	75		
88/ 87								3.4	6.7	2.6	.9								126	126		
86/ 85						.2	4.0	7.5	4.9	1.0	.2								166	166		
84/ 83					.2	3.0	6.8	4.8	.9	.4									149	149		
82/ 81					.2	4.9	6.5	1.9	.1	.5									137	137		
80/ 79				.3	2.6	3.9	1.4	.9	.3	.1									88	88	1	
78/ 77			.1	.9	1.8	2.4	.5	.3											56	56	22	
76/ 75			.1	1.1	1.4	.1	.3	.1											29	29	194	1
74/ 73		1.0		.3	1.2														23	23	394	30
72/ 71	.3	.8		.3	.2														15	15	191	133
70/ 69		.4			.1														5	5	84	236
68/ 67				.1															1	1	31	269
66/ 65																					10	144
64/ 63																					3	64
62/ 61																						27
60/ 59																						20
58/ 57																						10
56/ 55																						3
54/ 53																						1
52/ 51																						1
TOTAL	.3	2.4	3.0	8.3	14.5	19.5	19.7	15.3	9.1	4.8	1.9	.9	.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.	3463629	55651	59.8	11.987	930							
Dry Bulb	6528937	77793	83.6	4.431	930			93.0	90.9	77.0	2.3	93
Wet Bulb	4945403	67785	72.9	2.261	930			91.7	61.1			93
Dew Point	4277348	63002	67.7	3.179	930			66.8	3.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (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
104/103															.1	.1		2	2		
102/101															.3			3	3		
100/ 99												.3	.3	1.1	.2			18	18		
98/ 97											.9	1.1	1.4	.1	.1			70	30		
96/ 95										.9	2.3	2.6	.9	.2	.1			64	64		
94/ 93								.4	.5	4.4	8.3	2.7	.6		.1			159	159		
92/ 91							.2	.6	3.2	8.8	3.3	.8	.1					159	159		
90/ 89							.1	3.9	3.6	4.5	1.1	.2						177	177		
88/ 87						.1	.1	1.3	5.6	3.4	1.4	.3	.2					116	116		
86/ 85							.2	2.4	2.8	.9	.3	.6	.2					69	69		
84/ 83						.8	.9	.9	1.0	.3	.1	.1						37	37		
82/ 81					.2	1.4	.4	.4	.3									35	35	2	
80/ 79					.4	.1												14	14	8	
78/ 77			.3	.3	.9	.8	.1											22	22	40	2
76/ 75				.2	.5													7	7	251	6
74/ 73			.1	.2	.4													7	7	391	14
72/ 71	.3		.1	.4														8	8	147	93
70/ 69			.1	.1														2	2	62	123
68/ 67				.1														1	1	18	252
66/ 65																				9	216
64/ 63																				2	119
62/ 61																					72
60/ 59																					30
58/ 57																					16
56/ 55																					11
54/ 53																					3
52/ 51																					4
50/ 49																					2
TOTAL	.3	.6	1.4	2.5	4.1	2.7	5.3	14.3	18.0	20.4	16.6	8.1	3.3	1.4	1.0	.1		930		930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2180758	43608	46.9	12.098	930							
Dry Bulb	7482275	83269	89.5	5.357	930			93.0	91.9	87.1	27.6	93
Wet Bulb	5030729	68367	73.5	2.290	930			91.9	69.2	.5		93
Dew Point	4053384	61298	65.9	3.758	930			45.8	2.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION
ROBERT GRAY AAF TX (FORT HOOD) STATION NAME
69-70,73-80 YEARS
ALC MONTH
F 1 HOURS (L. S. T.) 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105																	.1	1	1		
104/103															.4	.2		6	6		
102/101												.2		.2	.9			12	12		
100/ 99											.1	.1	1.3	.3	.8	.3		27	27		
98/ 97								.2		.1	.5	3.4	3.8	1.7	.2			93	93		
96/ 95							.1	.3	.1	.1	3.3	8.3	3.3	.5	.1	.2		152	152		
94/ 93								.3	.3	2.2	7.9	5.7	.5					150	150		
92/ 91								.2	2.6	9.1	3.8	1.1	.2	.2				160	160		
90/ 89							.9	1.4	5.4	1.8	1.3	.3	.3	.1				111	111		
88/ 87							1.2	2.4	1.5	.3	.2	.5						57	57		
86/ 85						.6	1.0	1.9	.2	1.0	.1							45	45		
84/ 83					.5	1.1	1.2	.4	.2									32	32	4	
82/ 81				.3	.4	.9	.3											18	15	4	
80/ 79			.2	.3	.2	.2												9	9	6	4
78/ 77		.1	.3	1.1	.8													21	21	36	2
76/ 75			1.0	.4	.1													14	14	235	6
74/ 73			1.0	.3	.1													13	13	374	17
72/ 71		.3	.3	.1														7	7	182	34
70/ 69		.1																1	1	53	85
68/ 67																				24	189
66/ 65																				11	218
64/ 63																					146
62/ 61																					87
60/ 59																					72
58/ 57																					40
56/ 55																					12
54/ 53																					6
52/ 51																					5
50/ 49																					2
48/ 47																					1
TOTAL	.5	2.8	2.6	2.2	2.8	4.6	7.2	10.3	14.6	17.2	19.3	9.5	3.1	2.4	.8	.1		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.	192 .6	40389	43.5	13.410	929							
Dry Bulb	775 43	84699	91.2	5.976	929			93.0	92.2	87.9	44.1	93
Wet Bulb	5010789	68191	73.4	2.411	929			91.9	66.0	1.2		93
Dew Point	3929204	60284	64.9	4.317	929			33.7	2.9	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101															.1			1	1		
100/ 99														.1	.1	.1		3	3		
98/ 97												.4	.6	.5				15	15		
96/ 95							.2		.1		1.2	2.3	1.1	.5				50	50		
94/ 93							.1	.2		.4	3.9	2.9	1.0		.1			79	79		
92/ 91							.1	.1	.3	5.7	3.6	1.5	.2	.1				109	109		
90/ 89							.4	1.1	4.4	4.2	2.0	.4	.1	.2				120	120		
88/ 87							1.4	3.1	4.0	1.6	.6	.3	.2					105	105		
86/ 85						.2	1.4	3.2	3.8	1.9	.9	.5	.3					114	114		
84/ 83						.9	2.3	3.0	2.5	.8	.2	.1						92	92	2	
82/ 81				.3	1.5	2.0	2.3	.9	.1									64	64	1	
80/ 79			.3	.3	1.8	2.3	.2	.4	.1									51	51	5	
78/ 77	.2		.5	1.7	1.4	.2		.1										39	39	13	7
76/ 75	.1	.3	1.2	2.0	.3		.1											38	38	105	7
74/ 73		.8	1.8	.9														31	31	337	15
72/ 71	.2	.2	.6	.5														15	15	248	48
70/ 69			.1															1	1	150	108
68/ 67		.1																1	1	40	160
66/ 65																				19	221
64/ 63																				7	163
62/ 61																					82
60/ 59																					56
58/ 57																					29
56/ 55																					15
54/ 53																					6
52/ 51																					3
50/ 49																					3
48/ 47																					2
46/ 45																					1
TOTAL	.5	1.4	4.6	5.7	6.1	8.4	10.9	12.2	11.8	13.1	12.0	8.1	3.2	1.5	.3	.1			927		927
																		927		927	

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	2682619	47757	51.5	15.493	927							
Dry Bulb	6927113	79923	86.2	6.270	927			93.0	91.3	78.4	14.3	93
Wet Bulb	4830945	66879	72.1	2.529	927			90.4	46.4	.6		93
Dew Point	3953871	60405	65.2	4.381	927			34.4	2.7	.1		97

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 69-70,73-80 YEARS | AUG 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
92/ 91											.2							2	2		
90/ 89							.1	.2	.5	1.1	.6							24	24		
88/ 87						.1	.8	1.5	3.0	.8								57	57		
86/ 85					.1	1.0	2.6	4.4	1.8	.6								98	98		
84/ 83					.9	3.5	3.8	2.4	.9	.1	.4							109	109		
82/ 81				.3	3.8	5.8	4.0	1.4	.3	.2								147	147		
80/ 79				2.6	5.2	4.5	1.1	.6	.3	.2								135	135		
78/ 77		.1	.6	3.7	4.9	2.9	1.2											124	124	5	
76/ 75		.5	1.9	3.5	2.6	.6	.3											68	88	34	
74/ 73		1.4	1.7	3.5	.5	.8	.1											74	74	217	14
72/ 71		1.3	3.1	1.0		.2												52	52	286	75
70/ 69	.2	.6	.3	.2	.1													14	14	217	169
68/ 67		.1	.1															2	2	113	209
66/ 65																				36	212
64/ 63																				15	120
62/ 61																				3	49
60/ 59																					42
58/ 57																					17
56/ 55																					7
54/ 53																					5
52/ 51																					2
50/ 49																					1
48/ 47																					2
TOTAL	.2	4.1	7.9	14.7	17.9	19.4	13.9	10.6	6.9	3.0	1.3							926	926	926	926

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	3949112	59226	64.0	13.196	926							
Dry Bulb	5937760	74018	79.9	4.796	926			93.0	86.2	49.8		93
Wet Bulb	4645202	65542	70.8	2.583	926			87.6	25.7			93
Dew Point	4060789	61223	66.1	3.748	926			46.4	1.4			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
106/105																	.0	1	1		
104/103															.1	.0		8	8		
102/101												.0		.0	.2			16	16		
100/ 99											.0	.1	.2	.2	.1	.1		48	48		
98/ 97								.0		.0	.1	.6	.8	.3	.0			140	140		
96/ 95							.0	.0	.0	.1	.9	1.7	.7	.2	.0	.0		272	272		
94/ 93							.0	.1	.1	.9	2.6	1.3	.3		.0			403	403		
92/ 91							.0	.1	.6	3.3	1.4	.4	.1	.1				466	466		
90/ 89							.3	1.1	2.9	1.6	.7	.2	.1	.0				507	507		
88/ 87						.0	1.0	2.4	1.8	.6	.1	.1	.0					463	463		
86/ 85						.1	.9	2.1	2.3	.9	.4	.1						500	500		
84/ 83					.0	.8	2.1	2.0	1.1	.4	.1	.1						486	486	6	
82/ 81					.3	2.0	2.3	1.5	.4	.1	.0							537	537	7	
80/ 79				.3	2.2	3.3	2.0	.5	.2	.1	.0							638	638	20	6
78/ 77	.0	.1	1.7	4.2	2.8	.8	.3	.3			.0							752	752	120	7
76/ 75	.0	.7	4.0	3.3	1.4	.3	.1	.0										738	738	870	22
74/ 73	.0	1.7	3.6	2.9	.6	.1	.1	.0										664	664	2234	174
72/ 71	.4	1.5	3.2	1.4	.2	.2	.0											511	511	1898	769
70/ 69	.2	.8	1.6	.2	.1	.0												220	220	1198	1436
68/ 67	.1	.2	.3	.0	.0													46	46	685	1697
66/ 65		.0	.1	.0														12	12	276	1476
64/ 63			.0															1	1	90	875
62/ 61		.0																2	2	33	429
60/ 59																				4	268
58/ 57																					137
56/ 55																					71
54/ 53																					26
52/ 51																					17
50/ 49																					12
48/ 47																					6
46/ 45																					1
TOTAL	.7	5.1	14.8	14.8	11.4	9.4	8.0	7.9	7.2	7.0	6.1	4.5	2.0	.8	.5	.1	.0		7431		7431
																		7431		7431	

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.	31098350	461830	62.1	17.958	7431							
Dry Bulb	50488403	609753	82.1	7.825	7431			742.5	664.7	415.4	88.9	744
Wet Bulb	38200749	532355	71.6	2.911	7431			704.7	326.1	2.3		744
Dew Point	33010855	494441	66.5	3.881	7431			411.6	20.9	.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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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
84/ 83						.2			.1									3	3		
82/ 81			.3	.3	.4	.2	.1	.1										14	14		
80/ 79			.3	2.2	1.8	.3												42	42		
78/ 77		.2	3.4	5.0	1.7	.4	.4											101	101	3	
76/ 75		1.4	5.7	5.7	1.6	.4												133	133	14	3
74/ 73		2.6	7.3	4.9	.9	.9												149	149	100	20
72/ 71		3.2	3.7	2.7	.3	.3		.3										95	95	153	92
70/ 69		1.4	4.6	1.3	1.0	.1		.2										78	78	155	165
68/ 67		2.1	2.2	1.3	.9	.4	.1	.3										67	67	102	117
66/ 65		1.2	2.8	2.1	1.2	.1	.2											69	69	84	115
64/ 63		1.0	1.7	1.0	.3	.2	.1											39	39	53	62
62/ 61		1.1	1.8	.8	.4	.3												40	40	54	60
60/ 59		.6	.7	.9	.8													26	26	50	66
58/ 57		.1	1.7	.3	.3													22	22	43	33
56/ 55	.1	.2	.4	.6														12	12	26	45
54/ 53			.2	.1														3	3	37	32
52/ 51			.7															6	6	14	16
50/ 49			.1															1	1	4	24
48/ 47																				8	14
46/ 45																					24
44/ 43																					9
42/ 41																					3
TOTAL	.1	15.2	37.6	29.2	11.7	4.1	1.0	1.0	.1									900		900	
																			900		900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5553684	70098	77.9	10.225	900							
Dry Bulb	4552072	63758	70.8	6.267	900			68.2	44.2	3.0		9
Wet Bulb	3981655	59593	66.2	6.305	900			52.7	11.7			9
Dew Point	3673266	57114	63.5	7.369	900			39.7	2.3			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (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
80/ 79			.4	.9	.3													15	15		
78/ 77		.3	2.7	3.1	.1													56	56		
76/ 75		1.6	7.2	2.9	.1													106	106	13	2
74/ 73		6.0	6.4	4.1	.3	.1												153	153	74	23
72/ 71		4.4	7.1	1.1	.4	.1												119	119	156	87
70/ 69		3.6	5.2	.9	.8	.4		.1										99	99	134	165
68/ 67	.2	2.1	3.9	.6	.7		.3	.2										72	72	120	125
66/ 65		1.7	2.9	2.0	.4													63	63	64	99
64/ 63		2.8	2.7	1.1	.4													63	63	60	66
62/ 61		1.6	1.9	1.2	.4													46	46	64	44
60/ 59		1.0	2.1	.9	1.0													45	45	61	67
58/ 57		.4	.9	.6	.3													20	20	45	46
56/ 55	.1	.2	1.6	.4														21	21	33	48
54/ 53			.7	.3														9	9	31	29
52/ 51			.6	.3														8	8	18	23
50/ 49			.4															4	4	11	26
48/ 47		.1																1	1	10	12
46/ 45																				4	19
44/ 43																					14
42/ 41																					6
TOTAL	.3	25.8	46.7	20.4	5.4	.7	.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.	6112752	737500	81.9	8.783	900							
Dry Bulb	4324650	62126	69.0	6.342	900			62.0	33.0	.7		90
Wet Bulb	3893474	58896	65.4	6.613	900			49.9	8.7			90
Dew Point	3650889	56919	63.2	7.542	900			40.2	2.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 66-70,73-79 (YEARS) SEP (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
82/ 81					.3		.1											4	4		
80/ 79			1.0	2.0	.9		.1											36	36		
78/ 77		.7	3.2	3.0	.4	.1												67	67		
76/ 75		.8	6.9	2.3	.7													96	96	16	2
74/ 73	.2	5.8	7.1	2.7	.2													144	144	98	22
72/ 71	.1	5.6	4.9	1.3	.1			.1										113	113	163	124
70/ 69	.1	3.1	4.4	1.4	1.1	.3		.2										97	97	131	160
68/ 67	.1	2.3	4.0	1.0	.7	.2	.2											77	77	90	120
66/ 65		2.6	2.4	2.1	.3	.1	.2											70	70	68	81
64/ 63		1.7	2.1	1.1	.3													47	47	74	50
62/ 61		2.4	1.8	1.4	.4	.1												56	56	55	69
60/ 59		.9	1.6	.6														27	27	61	57
58/ 57		.9	1.8	.4	.4													32	32	40	45
56/ 55		.4	1.1	.2														16	16	38	46
54/ 53		.1	.7	.1														8	8	31	34
52/ 51		.1	.3	.1														3	3	14	29
50/ 49			.7															6	6	11	23
48/ 47		.1																1	1	5	13
46/ 45																				5	14
44/ 43																					11
42/ 41																					4
TOTAL	.6	27.4	43.8	20.3	6.0	.9	.7	.3											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.	6096067	73643	81.8	8.836	900							
Dry Bulb	4378537	62507	69.5	6.440	900			63.4	34.7	1.0		90
Wet Bulb	3935628	59222	65.8	6.560	900			49.8	11.4			90
Dew Point	3690357	57243	63.6	7.421	900			42.8	2.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (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
92/ 91							.1		.1	.1	.1							4	4		
90/ 89						.1	.2	1.0	.6	.1	.1							19	19		
88/ 87							1.2	1.3	.7	.1		.1						31	31		
86/ 85					.6	3.6	2.7	1.2	.7		.1							79	79		
84/ 83					2.0	3.7	2.8	.4	.2									82	82		
82/ 81			.2	1.0	6.0	3.6	1.6	.4	.7	.1	.2	.1						125	125		
80/ 79			.3	3.1	3.0	2.3	1.3	.7	.2	.1	.1							101	101	3	
78/ 77			2.0	3.2	2.2	1.6	.9	1.1	.7	.1								106	106	14	
76/ 75		.4	2.1	1.8	1.7	1.3	1.2	.8	.6	.1								90	90	89	10
74/ 73		1.0	.9	1.0	1.2	1.2	1.1	.2	.3	.1								64	64	229	25
72/ 71		.4	1.3	1.0	1.1	.7	1.0	.2	.2									54	54	138	116
70/ 69		.8	1.3	.4	1.0	.6	.6	.2	.2									46	46	77	172
68/ 67		.7	1.2	.4	.3	.4	.2											30	30	73	143
66/ 65		.3	.3	.7	.6	.6	.3											25	25	68	79
64/ 63		.6	.1	.4	.3	.2	.1											16	16	65	53
62/ 61		.4	.7	.2	.2													14	14	42	69
60/ 59			.4	.1	.6													10	10	38	36
58/ 57		.1			.1													2	2	30	42
56/ 55	.1	.1																2	2	19	43
54/ 53																				13	31
52/ 51																				1	21
50/ 49																				1	23
48/ 47																					14
46/ 45																					14
44/ 43																					4
42/ 41																					5
40/ 39																					1
TOTAL	.1	4.9	11.9	13.4	20.9	19.8	15.3	7.7	5.1	.9	.7	.2							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.	3937432	58314	64.8	13.302	900							
Dry Bulb	5443147	69725	77.5	6.786	900			83.1	70.1	38.5		90
Wet Bulb	4302461	62007	68.9	5.814	900			62.3	33.5	.2		90
Dew Point	3753857	57749	64.2	7.334	900			46.6	3.5			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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (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
98/ 97												.1	.2	.1				4	4		
96/ 95										.4	.3	.3	.7	.1	.1			18	18		
94/ 93							.1	.1	.2	.8	.8	.6		.1				24	24		
92/ 91						.1	.2	.9	2.0	3.6	1.1	.1	.1					73	73		
90/ 89					.2	.3	.6	3.9	4.1	2.2	.8	.3		.1				113	113		
88/ 87					.1	.7	2.6	4.8	2.7	1.4	.7	.3						119	119		
86/ 85					.2	1.0	2.9	3.1	1.3	1.3	.6							94	94		
84/ 83				.1	.3	2.1	2.2	1.6	1.7	.8	.4	.3	.3					89	89		
82/ 81				.4	1.6	1.0	1.1	1.3	1.7	1.0	.8							80	80	4	
80/ 79			.1	1.0	.8	1.3	1.0	1.7	1.3	1.3	.2							79	79	9	2
78/ 77			.2	.8	.7	.9	.9	.2	.6	.4	.4							46	46	40	4
76/ 75			.8	.4	.1	.3		.7	.6	.8								33	33	145	10
74/ 73		.3	.8	.9	.3		.3	.8	.2	.3								36	36	192	17
72/ 71		.1	.4	.3	.1	.2	.3	.4	.1									19	19	126	73
70/ 69		.4	1.1	.4		.3	.2	.2										25	25	82	122
68/ 67		.4	.7	.2	.1	.2	.1											16	16	87	138
66/ 65		.7			.1													7	7	52	119
64/ 63		.3	.2	.3		.1												9	9	51	83
62/ 61		.3	.3	.2	.1	.1												10	10	42	63
60/ 59		.2	.2		.1													5	5	31	60
58/ 57		.1																1	1	23	40
56/ 55																				12	31
54/ 53																				4	35
52/ 51																					27
50/ 49																					28
48/ 47																					13
46/ 45																					13
44/ 43																					12
42/ 41																					10
TOTAL		3.0	4.9	5.2	4.9	8.8	12.6	19.7	16.4	14.4	6.1	2.1	1.3	.4	.1				900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2713868	47556	52.8	14.953	900							
Dry Bulb	6254240	74716	83.0	7.568	900			86.8	80.8	65.9	4.6	90
Wet Bulb	4442654	63036	70.0	5.542	900			68.5	39.0	.7		90
Dew Point	3633701	56789	63.1	7.486	900			36.6	3.3			90

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) SEP (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
102/101															.1			1	1		
100/ 99														.1	.1			2	2		
98/ 97											.4	.1	.4	.2				11	11		
96/ 95										.2	.3	1.1	1.2	.3	.2	.1		32	32		
94/ 93							.1	.2	.4	.8	1.7	1.4	.1					43	43		
92/ 91					.2	.3	.1	.3	1.7	4.8	1.2	.6						83	83		
90/ 89						.6	.2	1.9	4.8	3.2	1.9	.8	.1	.1				122	122		
88/ 87					.1	.1	1.1	2.9	1.8	1.3	1.7	.7		.2				88	88		
86/ 85						1.1	1.6	2.3	2.0	1.9	1.1	.3	.4					97	97		
84/ 83				.1	.6	1.6	2.0	2.6	1.6	.7	1.9	.6	.4					107	107	2	
82/ 81				.1	.9	1.3	.7	.8	.7	1.2	.7	.3						60	60	5	1
80/ 79			.2	.9	1.4	.8	.4	1.2	.7	1.1	.8	.1						69	69	10	3
78/ 77			.4	1.0	1.2	.2	.4	.1	.9	.7	.6							50	50	19	5
76/ 75		.3	.3	1.0	.3	.1	.2	.6	.7	.4								36	36	112	7
74/ 73		.4	.6	.2	.3	.1	.1	.3	.3	.2								24	24	208	10
72/ 71		.2	.9	.3	.3	.1	.3	.1	.2									23	23	134	46
70/ 69			1.0	.3		.1		.1										14	14	107	96
68/ 67		.4	.4	.1														9	9	88	143
66/ 65		.6	.4				.1											10	10	56	118
64/ 63		.1	.1			.1	.1											4	4	49	82
62/ 61		.3	.3	.3														9	9	50	78
60/ 59		.3	.1	.2														6	6	32	77
58/ 57																				15	39
56/ 55																				7	39
54/ 53																				4	32
52/ 51																					31
50/ 49																					29
48/ 47																					18
46/ 45																					21
44/ 43																					11
42/ 41																					13
40/ 39																					1
TOTAL		2.8	4.9	4.7	5.4	6.6	7.6	13.3	15.7	16.6	12.2	6.0	2.8	1.0	.4	.1		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.	2476319	44895	49.9	16.230	900							
Dry Bulb	6415618	75680	84.1	7.589	900			87.1	82.5	69.4	8.9	90
Wet Bulb	4419517	62891	69.9	5.248	900			68.5	35.6	1.1		90
Dew Point	3527430	55922	62.1	7.655	900			31.1	2.6	.2		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97														.1				1	1		
96/ 95										.1			.2					3	3		
94/ 93											.2	.2	.2					6	6		
92/ 91								.1	.2	1.0	.4	.2	.1					19	19		
90/ 89					.1	.1		.4	1.4	.7	.8	.1						33	33		
88/ 87				.1	.2	.1	1.0	2.3	2.2	.7	.1							61	61		
86/ 85					.3	1.4	2.4	2.1	1.2	.4	.1	.1						74	74		
84/ 83			.1	.1	1.0	2.1	1.9	1.7	1.3	.6	.2	.1						82	82		
82/ 81				.6	2.2	2.2	2.0	1.7	.8	.2	.3	.1						91	91	3	
80/ 79			.3	.8	3.2	2.4	1.6	1.6	.4	.8	.2							102	102	3	3
78/ 77			1.0	2.6	2.4	1.1	1.4	.2	.9	.3	.2							92	92	8	2
76/ 75		.1	1.6	1.7	1.9	1.2	1.1	1.0	.9	.8								92	92	61	5
74/ 73		.7	1.7	1.4	.6	.8	.8	1.0	.6	.1								68	68	156	17
72/ 71		.6	1.3	.8	.6	.8	.6	.3	.2									46	46	151	58
70/ 69		.6	1.0	1.0	.9	.4	.1	.3	.1									40	40	139	109
68/ 67		1.3	1.3	.3	.6	.4	.3											39	39	89	144
66/ 65		.4	.3	.3	.2	.4	.1											17	17	84	106
64/ 63		.1		.1	.1	.2	.2											7	7	53	100
62/ 61		.4	.2		.8	.1	.1											15	15	60	70
60/ 59		.3	.6	.1	.1													10	10	36	62
58/ 57		.1																1	1	29	58
56/ 55				.1														1	1	13	31
54/ 53																				10	27
52/ 51																				4	32
50/ 49																				1	24
48/ 47																					23
46/ 45																					19
44/ 43																					5
42/ 41																					9
TOTAL		4.7	9.4	10.0	15.2	14.0	13.7	12.8	10.3	5.7	2.7	.5	.6	.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.	3463261	54045	60.1	15.567	900							
Dry Bulb	5591633	70643	78.5	7.208	900			84.9	72.4	42.2	1.0	90
Wet Bulb	4230903	61509	68.3	5.498	900			61.0	23.1	.5		90
Dew Point	3575220	56342	62.6	7.314	900			33.4	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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | SEP 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
88/ 87								.3	.2									5	5		
86/ 85						.1	.7	.9	.2	.1								18	18		
84/ 83				.3	.3	1.9	.9	.7	.2									39	39		
82/ 81			.2	1.0	2.0	1.8	1.3	.1	.1									59	59		
80/ 79			.4	3.2	2.0	1.9	.4	.2										74	74		
78/ 77	.2		1.3	2.7	4.0	1.3	1.1	.3										99	99	8	2
76/ 75		.8	4.1	3.7	4.1	1.3	.6	.1	.1	.1								134	134	21	3
74/ 73		1.0	4.3	2.8	.8	1.7	.6	.3	.4									107	107	121	18
72/ 71		1.9	2.4	1.2	1.3	.6	.3	.7	.1									77	77	142	74
70/ 69	.1	1.0	2.3	1.7	1.8	1.7	.3	.6										85	85	156	132
68/ 67	.1	1.3	1.6	1.2	1.4	.3	.4											58	58	87	129
66/ 65		1.7	1.0	1.9	.8	.4	.1											51	51	79	111
64/ 63		.6	.4	1.2	.4	.2	.1											27	27	74	78
62/ 61		.6	.2	.9	.9	.2	.1											26	26	56	68
60/ 59	.1	.3	.8	1.2	.1													23	23	55	58
58/ 57	.1	.1	.3	.3	.1													9	9	36	58
56/ 55			.2	.2	.1													5	5	28	36
54/ 53			.3															3	3	23	31
52/ 51			.1															1	1	6	31
50/ 49																				7	18
48/ 47																				1	21
46/ 45																					22
44/ 43																					5
42/ 41																					4
40/ 39																					1
TOTAL	.7	9.2	20.3	23.6	20.0	13.4	7.0	4.2	1.4	.2								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.	4698950	63972	71.1	12.995	900							
Dry Bulb	4871237	65945	73.3	6.612	900			75.5	53.5	15.7		90
Wet Bulb	4043535	60085	66.8	5.984	900			53.5	16.0			90
Dew Point	3612079	56641	62.9	7.262	900			35.8	2.3			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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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
102/101															.0			1	1		
100/ 99														.0	.0			2	2		
98/ 97											.1	.0	.1	.1				16	16		
96/ 95										.1	.1	.2	.3	.1	.0	.0		53	53		
94/ 93							.0	.0	.1	.2	.3	.3	.0	.0				73	73		
92/ 91					.0	.1	.1	.2	.5	1.2	.4	.1	.0					179	179		
90/ 89					.0	.1	.1	.9	1.4	.8	.4	.2	.0	.0				287	287		
88/ 87				.0	.1	.1	.7	1.4	.9	.4	.3	.1		.0				304	304		
86/ 85					.1	.9	1.3	1.2	.7	.5	.2	.1	.1					362	362		
84/ 83			.0	.1	.5	1.4	1.2	.9	.6	.3	.3	.1	.1					402	402	2	
82/ 81			.1	.4	1.7	1.3	.9	.6	.5	.3	.3	.1						433	433	12	1
80/ 79			.4	1.8	1.7	1.1	.6	.7	.3	.4	.2	.0						518	518	25	8
78/ 77	.0	.2	1.8	2.7	1.6	.7	.7	.3	.4	.2	.2							617	617	92	13
76/ 75		.7	3.6	2.4	1.3	.6	.4	.4	.3	.3								720	720	471	42
74/ 73	.0	2.2	3.6	2.3	.6	.8	.4	.3	.2	.1								745	745	1178	148
72/ 71	.0	2.1	2.8	1.2	.5	.3	.3	.3	.1									546	546	1165	670
70/ 69	.0	1.4	2.6	.9	.8	.5	.2	.3	.0									484	484	981	1121
68/ 67	.1	1.3	1.9	.7	.6	.3	.2	.1										368	368	736	1059
66/ 65		1.1	1.3	1.1	.4	.2	.1											312	312	557	828
64/ 63		.9	.9	.7	.3	.1	.1											212	212	479	574
62/ 61		.9	.9	.6	.4	.1	.0											216	216	423	520
60/ 59	.0	.5	.8	.5	.3													152	152	364	483
58/ 57	.0	.2	.6	.2	.2													87	87	261	361
56/ 55	.0	.1	.4	.2	.0													57	57	176	319
54/ 53		.0	.2	.1														23	23	153	251
52/ 51		.0	.2	.1														18	18	57	206
50/ 49			.2															11	11	35	194
48/ 47		.0																2	2	24	128
46/ 45																				9	146
44/ 43																					71
42/ 41																					54
40/ 39																					3
TOTAL	.2	11.6	22.3	15.9	11.2	8.5	7.3	7.4	6.1	4.7	2.7	1.2	.6	.2	.1	.0		7200	7200	7200	7200

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	35052333	496273	67.5	17.523	7200							
Dry Bulb	41831134	545100	75.7	8.840	7200			611.0	471.2	236.4	14.5	720
Wet Bulb	33249827	487239	67.7	6.207	7200			466.2	178.9	2.5		720
Dew Point	29116799	454719	63.2	7.443	7200			306.2	21.2	.2		720

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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					.1	.1												2	2		
80/ 79				.1	.3	.1	.1											6	6		
78/ 77			.6	.4	.3		.2											15	15		
76/ 75		.2	1.0	.9	.3	.2												24	24		
74/ 73		.2	2.4	2.0	.2		.2	.1										48	48	17	3
72/ 71		.2	3.1	3.1	.4	.2	.3	.2										71	71	30	11
70/ 69		1.0	5.1	1.4	.9	.3	.3	.4										87	87	31	28
68/ 67		1.1	2.5	1.1	1.2	.9	1.0	.8	.2									80	80	91	45
66/ 65		2.6	2.4	2.7	1.5	.5	1.1	.3										103	103	55	63
64/ 63	.1	3.3	1.5	1.3	1.2	1.0	.1											79	79	89	71
62/ 61		2.9	.8	1.2	1.4	1.0	.2	.4										73	73	62	73
60/ 59		1.5	1.9	.6	1.2	.5	.1	.2										57	57	84	60
58/ 57		1.7	1.4	.9	.9	.6	.3	.2										56	56	62	55
56/ 55		.9	1.4	1.2	1.0	.5	.2											48	48	66	55
54/ 53	.1	.8	1.2	.8	1.0	.5	.4											44	44	73	52
52/ 51	.2	.4	1.2	.1	.4	.3												29	29	48	49
50/ 49		.9	1.9	.6	.4	1.1												46	46	45	42
48/ 47		.5	.9	1.0	.1													23	23	46	49
46/ 45		.9	1.1	.2	.1													21	21	41	50
44/ 43		.8	.9															15	15	41	62
42/ 41		.2																2	2	32	27
40/ 39		.1																1	1	15	41
38/ 37																				2	25
36/ 35																					19
34/ 33																					14
32/ 31																					8
30/ 29																					24
28/ 27																					2
26/ 25																					2
TOTAL	.4	20.1	31.1	19.6	12.9	8.4	4.6	2.7	.2									930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	5161460	67836	72.9	15.155	930							
Dry Bulb	3703218	58160	62.5	8.431	930			33.3	0.5	.3		93
Wet Bulb	3136029	53403	57.4	8.649	930			16.9	1.7			93
Dew Point	2742105	49499	53.2	10.759	930		3.6	8.7	.3			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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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
78/ 77			.3	.8	.1	.2												13	13		
76/ 75		.2	.9	.4	.2	.4												20	20		
74/ 73		1.0	1.9	.8	.1	.1	.2											38	38	8	3
72/ 71		.9	4.1	.9		.1												55	55	26	11
70/ 69		1.6	3.4	.5	.2	.1	.1	.3										59	59	40	19
68/ 67		3.4	3.4	.8	.3	.5	.2											81	81	77	59
66/ 65		3.8	2.6	1.7	.8	1.2	.4	.2										99	99	68	77
64/ 63		4.0	1.2	1.6	1.2	1.2	.1											86	86	80	65
62/ 61		3.3	1.0	.6	1.4	1.1		.5										74	74	59	65
60/ 59		2.0	1.9	.6	1.3	.3	.2											60	60	66	46
58/ 57		1.7	2.2	1.3	1.5	.1	.1	.2										66	66	57	50
56/ 55		1.4	1.2	.9	1.4	.5	.2											52	52	71	57
54/ 53		1.9	1.3	1.1	.4	.2	.3											49	49	67	41
52/ 51		.9	1.9	.4	.6	.4	.2											42	42	56	48
50/ 49		.5	1.7	.6	1.1	.1												38	38	51	44
48/ 47		1.7	.8	.8	1.0													39	39	62	59
46/ 45		.6	1.7	.5	.3													30	30	29	53
44/ 43		.5	1.1	.2	.1													18	18	31	58
42/ 41		.5	.2															7	7	55	32
40/ 39		.2																2	2	19	33
38/ 37		.2																2	2	6	32
36/ 35																				2	19
34/ 33																					17
32/ 31																					17
30/ 29																					15
28/ 27																					4
26/ 25																					3
TOTAL		30.5	32.8	14.5	12.0	6.7	2.2	1.3											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.	5576606	70744	76.1	14.495	930							
Dry Bulb	3523017	56681	60.9	8.589	930			26.6	7.1			93
Wet Bulb	3055124	52644	56.6	8.993	930			15.1	.8			93
Dew Point	2719351	49243	52.9	10.978	930		3.9	9.1	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (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				
80/ 79					.3													3	3		
78/ 77			.1	.2	.1													4	4		
76/ 75		.2	.4	.8		.3	.1											17	17		
74/ 73		1.0	1.8	.6	.3	.1												36	36	6	1
72/ 71		1.3	4.1	.9	.4	.3												62	62	21	10
70/ 69		2.9	2.8	.4	.4	.2	.1	.1										64	64	46	22
68/ 67		3.7	1.7	.5	.9	.2	.3											68	68	84	64
66/ 65		5.4	2.2	1.3	.4	.4	.1	.1										92	92	62	79
64/ 63		4.4	1.7	1.1	.6	1.2	.2	.2										88	88	80	68
62/ 61		2.8	1.7	1.4	1.7	.3	.1											75	75	61	63
60/ 59		3.0	1.3	.8	1.3	.4	.2	.1										66	66	64	48
58/ 57		1.9	1.9	.9	1.2	.2	.3	.1										61	61	59	69
56/ 55		1.7	1.5	1.1	1.0	.6	.2											57	57	64	44
54/ 53		1.6	1.4	1.6	1.3	.2	.3											60	60	69	53
52/ 51		1.3	1.7	1.0	.4	.2												43	43	52	40
50/ 49		.6	2.3	.5	.9	.2												42	42	47	50
48/ 47		1.3	.6	.6	.9													32	32	71	49
46/ 45		1.2	.9	1.0	.1													29	29	41	45
44/ 43		1.0	.6	.3														18	18	32	64
42/ 41		.4	.1	.2														7	7	38	32
40/ 39	.1		.3															4	4	23	33
38/ 37		.1																1	1	6	37
36/ 35		.1																1	1	3	16
34/ 33																				1	20
32/ 31																					19
30/ 29																					10
28/ 27																					3
26/ 25																					3
TOTAL	.1	35.8	29.2	14.8	12.3	5.1	2.0	.6										930	930		930
																				930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5741998	71852	77.3	14.327	930							
Dry Bulb	3493099	56447	60.7	8.493	930			25.4	6.0			93
Wet Bulb	3055642	52650	56.6	8.982	930			15.7	.6			93
Dew Point	2739536	49444	53.2	10.922	930		3.5	9.7	.1			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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 92													.1					1	1		
88/ 87								.1	.2	.1								4	4		
86/ 85							.2	.1		.2								5	5		
84/ 83						.1	.3	.5	.1			.1						14	14		
82/ 81					.2	.3	1.5	.9	.9	.4		.1						38	38		
80/ 79			.1	.3	1.6	1.0	1.0	.6	.2	.1	.1	.1						58	58		
78/ 77			.4	1.3	1.2	.4	.4	.6	.4	.3	.1							67	67		
76/ 75			.6	2.0	1.7	.5	.5	.1	.2	.5	.1							81	81	3	1
74/ 73		.3	1.0	2.0	1.1	.9			.5	.1	.2	.1						78	78	24	
72/ 71		.5	1.7	1.6	.8	.9	.5	.6	.8	.3		.2						74	74	64	15
70/ 69		1.1	1.5	1.5	1.2	1.3	.5	1.0	.9	.1								84	84	92	25
68/ 67		1.0	1.7	.8	1.2	1.0	.5	.2	.5	.2	.1							80	80	96	81
66/ 65		2.0	1.4	1.5	.6	.8	1.4	.5	.3	.2								86	86	80	79
64/ 63	.1	1.0	.8	1.2	.9	1.0	.4	.4	.4	.1								61	61	78	86
62/ 61		.6	.6	.4	.8	.9	.8	1.0	.1									48	48	79	87
60/ 59		.1	.6	.2	1.0	.6	.3	.2	.1									30	30	71	48
58/ 57		.1		.4	.6	.6	.3											23	23	54	36
56/ 55		.5	.9	.9	.8	.4	.2											32	32	46	53
54/ 53		.2	.1	.6	.4	.3	.1											17	17	61	53
52/ 51		.4	.8	.1	.3													15	15	44	37
50/ 49		.9	.1	.3	.1													13	13	44	34
48/ 47		.3		.3														6	6	48	38
46/ 45		1.0	.2															11	11	25	49
44/ 43	.1	.1																2	2	15	48
42/ 41																				5	41
40/ 39																					32
38/ 37																					29
36/ 35																					16
34/ 33																					13
32/ 31																					15
30/ 29																					9
28/ 27																					4
26/ 25																					3

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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (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	11.2	12.6	15.8	15.5	15.2	10.5	9.7	5.2	2.6	.6	.6	.1					928	928	928	928

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.	3971612	58366	62.9	18.011	928							
Dry Bulb	4464764	63864	68.8	8.672	928			58.5	34.7	8.3		93
Wet Bulb	3474921	56289	60.7	8.088	928			28.0	2.7			93
Dew Point	2871645	50631	54.6	10.856	928		2.7	12.2	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (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					
102/101																	.1		1	1		
98/ 97																.1			1	1		
96/ 95														.1					1	1		
94/ 93										.1			.1						2	2		
92/ 91										.2		.3	.1						6	6		
90/ 89								.1	.5	.3	.4	.2	.1		.2				18	18		
88/ 87								.5	1.1	.9	.4	.1	.1	.1	.1				31	31		
86/ 85							1.0	1.9	1.4	1.1	.8	.1	.3	.2					64	64		
84/ 83					.1	1.0	1.9	1.8	1.6	.6	.3	.6	.2						79	79		
82/ 81			.1		.2	1.6	1.9	1.7	1.0	1.2	.8	.5	.1						85	85		
80/ 79			.1	.3	.9	1.1	1.4	1.7	.6	1.2	1.2	.2	.1	.1					83	83		
78/ 77					1.1	1.4	1.5	1.9	1.8	1.5	.4	.6	.3						90	90	1	
76/ 75			.3	.8	1.3	1.2	.9	.8	.8	.8	.9	.1	.3						74	74	5	1
74/ 73				.9	.5	.9	1.3	.6	1.0	1.1	.5	.1							64	64	53	1
72/ 71		.2	.6	.6	1.4	.9	.9	.5	1.1	.6	.6	.2							72	72	79	4
70/ 69		.6	.4	.9	.3	1.0	.5	.6	.6	.4	.4	.1							56	56	98	17
68/ 67		1.0	.9		.1		.4	.6	.8	.8	.1								43	43	113	60
66/ 65		.8	.6	.2	.2	.8	.4	.5	.6	.3									42	42	83	86
64/ 63		.2	.3	.1	.3	.5	.4	.5	.2	.1									26	26	85	73
62/ 61			.2	.4	.4	.2	.8	.1	.2										22	22	69	81
60/ 59			.2	.3	.1	.6	.2	.2	.1										17	17	56	69
58/ 57			.4		.2	.4	.2												12	12	47	55
56/ 55		.1	.1	.4	.5	.1													12	12	53	42
54/ 53		.3	.1	.1	.1														6	6	43	42
52/ 51		.2	.2	.1															5	5	42	53
50/ 49		.4																	4	4	42	49
48/ 47		.2	.1																3	3	20	39
46/ 45		1.2																	11	11	17	52
44/ 43																					4	34
42/ 41																						40
40/ 39																						37
38/ 37																						31
36/ 35																						14
34/ 33																						6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_s	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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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
32/ 31																						16
30/ 29																						1?
28/ 27																						2
26/ 25																						12
24/ 23																						1
TOTAL		5.3	4.8	5.3	7.8	11.6	13.8	13.4	13.3	11.2	7.2	3.3	1.8	.5	.3	.1	.1		930		930	930
																			930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2678498	46934	50.5	18.264	930							
Dry Bulb	5309302	69742	75.0	9.23?	930			77.0	59.9	33.2	.5	93
Wet Bulb	3689169	58153	62.5	7.543	930			34.9	5.9			9?
Dew Point	2787440	49894	53.6	10.914	930		4.4	8.3	.2			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

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 68-70,73-79 YEARS — OCT 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
102/101																	.1	1	1		
98/ 97													.1					1	1		
96/ 95											.1							1	1		
94/ 93											.2	.1	.1	.6	.1			10	10		
92/ 91											.1	.4			.2			7	7		
90/ 89									.5	.9	.9		.2	.2	.3			28	28		
88/ 87								.6	.9	1.9	.6	.1	.1	.3	.1			44	44		
86/ 85						.3	.6	2.4	2.0	1.6	1.3	.3	.4	.1				85	85		
84/ 83					.3	.4	1.5	.9	1.4	.9	1.5	.6	.4					74	74		
82/ 81					.1	1.0	2.4	.9	2.5	.9	1.6	.8	.4					97	97		
80/ 79				.3	.4	1.5	.8	1.9	.6	1.7	1.4	.4	.1	.3				89	89		
78/ 77				.1	.8	1.5	1.3	.8	1.0	1.2	1.5	1.4	.4	.1				93	93		
76/ 75			.1	.2	1.0	.9	1.2	.2	1.6	.6	1.1	.2						66	66	9	
74/ 73			.1	.5	.3	1.3	1.9	.2	.4	.8	.4	.6						62	62	47	
72/ 71			.5	1.0	.6	.4	.2	.8	.3	.9	.8	.5						56	56	70	6
70/ 69		.4	.8	.6	.3	.1	.5	.8	.5	1.0	.3	.1						51	51	110	14
68/ 67		.3	.3	.2		.4	.4	.3	.3	.5	.3							30	30	85	44
66/ 65		1.0	.5	.2	.2	1.0	.2	.2	.4	.4								39	39	116	73
64/ 63		.4	.3		.1	.2	.3	.3	.3									19	19	86	74
62/ 61		.3		.9	.4	.1	.9	.3	.1									28	28	90	70
60/ 59		.1	.1		.1	.2	.1											6	6	52	75
58/ 57			.2		.5	.3												10	10	50	76
56/ 55		.1		.2	.3													6	6	63	47
54/ 53		.3	.1	.1														5	5	40	39
52/ 51		.6	.1															7	7	41	34
50/ 49		.6																6	6	39	45
48/ 47		.2																2	2	24	76
46/ 45		.8																7	7	4	44
44/ 43																				4	31
42/ 41																					36
40/ 39																					39
38/ 37																					31
36/ 35																					26
34/ 33																					22

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												

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) OCT (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
32/ 31																					10
30/ 29																					19
28/ 27																					10
26/ 25																					5
22/ 21																					3
TOTAL		5.3	3.2	4.4	5.6	9.7	12.4	10.5	13.0	13.2	12.2	5.7	2.4	1.6	.8		.1		930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2383881	43793	47.1	18.609	930							
Dry Bulb	5511051	71079	76.4	9.195	930			79.5	65.8	38.5	1.3	93
Wet Bulb	3700494	58278	62.7	7.228	930			32.1	5.6			93
Dew Point	2703200	49100	52.8	10.927	930		4.3	6.4				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

03902 STATION — ROBERT GRAY AAF TX (FORT HOOD) STATION NAME — 68-70,73-79 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
92/ 91										.1								1	1		
90/ 89								.1				.1						2	2		
88/ 87											.1	.1						2	2		
86/ 85							.2	.3	.8	.3	.1	.1						4	17		
84/ 83						.1	.4	.4	.8		.1	.3	.1					21	21		
82/ 81				.1	.2	.2	1.2	.4	.6	.3	.2		.1					38	38		
80/ 79				.4	.5	1.3	1.2	1.2	.5	.3	.2							53	53		
78/ 77				.5	1.2	2.3	1.6	.8	.2	.3	.6	.1						71	71		
76/ 75			.1	1.4	2.2	1.3	.6	.5	.9	.3	.3							71	71	3	
74/ 73		.1	.3	1.7	1.4	2.3	.9	1.0	.8	.6	.2	.1						87	87	13	
72/ 71		.1	1.1	1.1	1.3	1.8	.5	.3	.9	.3	.2	.1						76	76	35	7
70/ 69		.3	1.0	1.4	1.7	.8	1.3	.9	.8	.3		.1						79	79	67	15
68/ 67		.6	1.3	1.0	.6	1.1	1.0	.4	.6	.3	.1							66	66	99	32
66/ 65		1.9	1.9	1.3	.6	.8	.5	1.0	.8									92	82	89	56
64/ 63		1.5	.9	1.3	1.4	.2	1.0	.3	.4	.1								65	65	109	76
62/ 61		.8	.5	.8	.3	.8	.8	.1	.2									39	39	83	88
60/ 59		.3	.9	.6	.2	.6	.3	.5										33	33	70	82
58/ 57		.2	1.0	.6	.6	.2	.4	.2										31	31	65	72
56/ 55		.4	.5	.3	1.1	.5	.1											28	28	69	57
54/ 53		.3	.6	1.2	.5	.2	.1											26	28	50	36
52/ 51		1.0	.2	.2	.2	.1												16	16	43	55
50/ 49		.3	.2	.2		.1												8	8	48	56
48/ 47		.4	.1	.1														6	6	41	38
46/ 45		1.0																9	9	27	44
44/ 43																				15	46
42/ 41																				2	38
40/ 39																				1	39
38/ 37																					28
36/ 35																					18
34/ 33																					9
32/ 31																					12
30/ 29																					11
28/ 27																					6
26/ 25																					2

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

FORM AWS 0-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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
TOTAL		9.4	10.5	14.3	14.2	15.3	12.2	8.9	8.2	3.4	2.3	1.1	.2					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.	3642181	55673	59.9	18.153	929							
Dry Bulb	4511926	64216	69.1	8.874	929			58.5	36.3	10.1		9
Wet Bulb	3410121	55847	60.1	7.540	929			21.7	1.6			9
Dew Point	2740572	49562	53.3	10.195	929		3.1	6.0				93

USAFETAC FORM 0-26-5 (OL A) REV. 3 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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
84/ 83						.1												1	1		
82/ 81					.1	.2		.4										7	7		
80/ 79				.1	.2	.3	.3		.1									10	10		
78/ 77			.3	.5	.9	.3	.3	.3										25	25		
76/ 75			1.2	1.1	1.7	.9	.3	.2										49	49		
74/ 73			.8	2.6	2.2	1.0	.4	.1	.2									67	67	15	
72/ 71		.2	1.8	2.8	1.6	.8	.3	.6	.4	.3	.2	.1						86	86	24	11
70/ 69		.6	1.9	2.0	2.0	1.4	.3	.8	.5									90	90	29	19
68/ 67		1.1	1.9	1.4	1.7	1.1	1.3	.3	.2									84	84	85	30
66/ 65		1.8	1.4	1.7	.8	.9	1.2	.2	.2									76	76	86	55
64/ 63		3.1	1.3	1.1	1.0	1.0	.6	.3	.1									79	79	87	70
62/ 61		1.9	1.8	1.4	1.0	1.1	.5	.2										74	74	75	94
60/ 59		1.4	1.4	1.4	1.0	1.3	.6	.3										69	69	78	66
58/ 57		.3	1.1	.5	.6	.9	.4	.2										38	38	77	68
56/ 55		.8	1.4	.2	.5	1.1	.4											41	41	60	64
54/ 53	.3	.3	1.0	.4	.3	.5	.1											28	28	76	44
52/ 51		.2	1.5	1.2	.5	.4												36	36	46	47
50/ 49		.9	1.9	.5	.1	.3												35	35	39	45
48/ 47		.2	.6	.4	.1													13	13	54	44
46/ 45	.1	1.0	.3	.1														14	14	44	59
44/ 43		.6	.1															7	7	38	51
42/ 41		.1																1	1	13	33
40/ 39																				4	40
38/ 37																					31
36/ 35																					20
34/ 33																					10
32/ 31																					13
30/ 29																					9
28/ 27																					7
TOTAL	.4	14.6	21.8	19.6	16.3	13.3	7.3	4.1	1.8	.3	.2	.1							930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4610711	63691	68.5	16.366	930							
Dry Bulb	3926886	59928	64.4	8.379	930			41.9	15.9	1.0		93
Wet Bulb	3199438	54034	58.1	8.037	930			15.3	1.5			93
Dew Point	2718155	49371	53.1	10.228	930		2.9	6.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | OCT 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				
102/101																	.0	2	2		
98/ 97													.0			.0		2	2		
96/ 95											.0			.0				2	2		
94/ 93										.0	.0	.0	.0	.1	.0			12	12		
92/ 91										.0	.0	.1	.0		.0			15	15		
90/ 89								.0	.1	.1	.2	.0	.0	.0	.1			48	48		
88/ 87								.2	.3	.4	.1	.0	.0	.1	.0			81	81		
86/ 85						.0	.3	.5	.5	.4	.3	.1	.1	.0				171	171		
84/ 83					.1	.2	.6	.5	.5	.2	.3	.2	.1					199	189		
82/ 81			.0	.0	.1	.7	.8	.5	.6	.3	.3	.2	.1					267	267		
80/ 79			.0	.2	.6	.8	.6	.7	.3	.4	.4	.1	.0	.1				302	302		
78/ 77			.2	.5	.8	.9	.7	.4	.4	.4	.3	.3	.1	.0				378	378	1	
76/ 75		.1	.6	.9	1.0	.8	.4	.4	.4	.3	.3	.0	.0					402	402	20	2
74/ 73		.3	1.0	1.4	.8	.8	.8	.3	.4	.3	.2	.1						480	480	183	8
72/ 71		.4	2.1	1.5	.8	.7	.3	.4	.4	.3	.2	.1						552	552	349	75
70/ 69		1.1	2.1	1.1	.9	.6	.5	.6	.4	.2	.1	.0						570	570	513	159
68/ 67		1.6	1.7	.7	.8	.6	.7	.4	.3	.2	.1							532	532	730	420
66/ 65		2.5	1.6	1.3	.6	.8	.7	.4	.3	.1								619	619	639	569
64/ 63	.0	2.2	1.0	1.0	.8	.8	.4	.3	.2	.0								503	503	694	587
62/ 61		1.6	.8	.9	.9	.7	.5	.3	.1									433	433	597	621
60/ 59		1.1	1.0	.6	.8	.6	.3	.2	.0									338	338	541	466
58/ 57		.8	1.0	.6	.8	.4	.3	.1										297	297	471	481
56/ 55		.7	.9	.6	.8	.5	.2											276	276	492	419
54/ 53	.1	.7	.7	.7	.5	.3	.2											237	237	479	359
52/ 51	.0	.6	1.0	.4	.3	.2	.0											193	193	372	363
50/ 49		.6	1.0	.4	.3	.2												192	192	355	365
48/ 47		.6	.4	.4	.3													124	124	366	388
46/ 45	.0	.9	.5	.2	.1													132	132	228	396
44/ 43	.0	.4	.3	.1	.0													60	60	180	394
42/ 41		.2	.0	.0														17	17	145	273
40/ 39	.0	.0	.0															7	7	62	294
38/ 37		.0																3	3	14	244
36/ 35		.0																1	1	5	142
34/ 33																				1	109

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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
32/ 31																					110
30/ 29																					102
28/ 27																					38
26/ 25																					30
24/ 23																					1
22/ 21																					3
TOTAL	.1	16.5	18.3	13.5	12.1	10.6	9.1	6.4	5.2	3.8	2.8	1.4	.6	.3	.1	.0	.0	7437	7437	7437	7437

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.	33766947	478889	64.4	19.850	7437							
Dry Bulb	34443263	500117	67.2	10.449	7437			400.7	235.2	91.4	1.8	744
Wet Bulb	26720938	441298	59.3	8.483	7437			179.7	20.4			744
Dew Point	22022004	396744	53.3	10.734	7437		28.4	66.4	1.0			744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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
76/ 75				.2														2	2		
74/ 73		.1	.6	.3														9	9		
72/ 71		.1	1.3	.3														16	16	3	
70/ 69		.3	3.1	.2														33	33	9	3
68/ 67		.6	2.4		.1	.2	.1											31	31	25	12
66/ 65		.9	1.6	.6	.3	.2	.1											33	33	31	29
64/ 63		2.1	1.8	.4			.1		.1									41	41	32	26
62/ 61		3.2	1.9	1.0	.6	.4	.1	.1										66	66	35	33
60/ 59	.1	.8	1.9	.8	.7	.2	.2	.1	.2									45	45	54	42
58/ 57		2.7	1.9	1.3	1.3		.2	.4										71	71	38	35
56/ 55		1.2	1.9	.9	.8	.2	.1	.1										47	47	49	42
54/ 53	.3	1.2	1.1	.9	.7	.4	.2											44	44	45	37
52/ 51	.2	1.7	2.0	.4	.8	.4												50	50	62	43
50/ 49	.1	2.7	2.0	1.2	1.1	.4	.1											69	69	45	43
48/ 47		2.7	1.2	1.8	1.7	.4												70	70	49	42
46/ 45		1.3	2.3	1.3	1.6	.2												61	61	62	47
44/ 43		.9	2.6	.7	.4	.3												44	44	63	55
42/ 41		.8	1.2	.8	.9	.4												37	37	53	29
40/ 39	.1	1.1	2.1	1.3	.3	.4												49	49	60	33
38/ 37		1.1	.9	.9	.1	.2												29	29	57	46
36/ 35		.7	.1	.3														10	10	29	47
34/ 33		.7	.7	.2														14	14	35	44
32/ 31		.3	.6	.6	.1													14	14	21	45
30/ 29			.1	.6	.1													7	7	15	33
28/ 27			.2															2	2	8	34
26/ 25			.4	.1														5	5	7	15
24/ 23			.1															1	1	7	27
22/ 21																				5	9
20/ 19																				1	10
18/ 17																					9
16/ 15																					3
14/ 13																					9
12/ 11																					7
10/ 9																					7

Element (X)	Σ_{X^2}	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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | NOV 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
8/ 7																					2
6/ 5																					7
TOTAL	.9	27.1	36.0	17.2	11.6	4.8	1.3	.8	.3									900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4946737	65127	72.4	16.131	900							
Dry Bulb	2565839	47125	52.4	10.458	900		2.9	9.1	1.1			90
Wet Bulb	2189072	43290	48.1	10.901	900		6.4	3.7				90
Dew Point	1849864	38864	43.2	13.817	900		21.2	1.5				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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
76/ 75				.1														1	1		
74/ 73			.4	.1														5	5		
72/ 71			.6	.3														8	8		
70/ 69		.8	3.0															34	34	7	1
68/ 67		.4	2.0	.2														24	24	21	8
66/ 65		1.2	1.6	.1														21	21	31	29
64/ 63	.1	2.7	1.0	.1					.1									36	36	27	28
62/ 61	.1	2.4	1.4	.7	.2	.1			.1									46	46	38	20
60/ 59		2.7	2.2	.8		.2			.2									54	54	30	46
58/ 57		2.0	.4	1.4	.8			.1										43	43	43	31
56/ 55	.3	2.9	.8	1.6	1.2	.4			.1									66	66	45	43
54/ 53	.1	2.7	1.1	1.2	.2	.4	.2	.3										57	57	50	30
52/ 51	.2	1.9	2.0	.7	.8	.2												52	52	46	47
50/ 49	.2	2.7	1.3	1.0	.3	.9												58	58	56	47
48/ 47	.1	1.9	1.2	1.6	.7	.3												52	52	55	40
46/ 45		2.6	2.1	1.6	.8	.2												65	65	49	42
44/ 43		2.0	1.8	1.2	.8	.3												55	55	54	41
42/ 41		1.9	2.9	.8	1.0	.3												62	62	65	48
40/ 39		1.3	2.8	.7	.2	.2												45	45	61	34
38/ 37		.9	1.6	.7	.3	.3												34	34	53	40
36/ 35		1.2	.9	.9	.1													28	28	42	39
34/ 33		1.0	.6	.7	.2													22	22	39	47
32/ 31		.4	.5	.1														10	10	34	56
30/ 29			.4	.1	.3													8	8	21	25
28/ 27			.3	.3														6	6	12	32
26/ 25		.1	.1															2	2	7	23
24/ 23			.4															4	4	5	24
22/ 21		.1	.1															2	2	6	14
20/ 19																				2	12
18/ 17																				1	9
16/ 15																					9
14/ 13																					7
12/ 11																					7
10/ 9																					3

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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
8/ 7																					6
6/ 5																					3
TOTAL	1.2	35.8	32.9	16.9	3.0	4.1	.2	.4	.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.	5256346	67308	74.8	15.736	900							
Dry Bulb	2402280	45514	50.6	10.578	900		3.2	7.2	.6			90
Wet Bulb	2083620	42152	46.8	11.032	900		8.8	2.8				90
Dew Point	1787103	38133	42.4	13.806	900		23.0	.9				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902	ROBERT GRAY AAF TX (FORT HOOD)	68-70,73-79		NOV
STATION	STATION NAME	YEARS		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
74/ 73			.1	.2														3	3		
72/ 71			.7	.2														8	8		
70/ 69		.8	1.6															21	21	3	
68/ 67		.9	1.6	.2														24	24	19	7
66/ 65		1.3	1.8	.1														29	29	27	23
64/ 63	.1	1.9	1.0	.2	.4													33	33	29	24
62/ 61		3.2	1.0	.4	.4	.1												47	47	32	28
60/ 59		2.8	1.9	.8		.1												50	50	37	42
58/ 57		2.7	1.3	.9	.3		.1		.1									49	49	49	36
56/ 55		2.2	.9	1.2	.4	.1												44	44	39	23
54/ 53		3.9	1.1	1.2	.4	.2	.1											63	63	49	43
52/ 51	.1	2.9	2.1	.7	.8	.6	.7	.1										71	71	52	46
50/ 49	.2	2.1	1.4	.7	.4	.3	.1											48	48	56	51
48/ 47		2.4	.9	1.6	.9	.4												56	57	46	45
46/ 45		2.2	2.2	.9	.2	.1												51	51	49	42
44/ 43		2.2	2.2	2.2	.6													65	65	49	43
42/ 41		2.8	2.2	.9	.3	.6												61	61	64	34
40/ 39		1.3	2.3	1.4	.2	.1												49	49	70	34
38/ 37		.9	1.4	1.2	.1													33	33	56	51
36/ 35		.9	1.7	.3	.3	.1												30	30	38	53
34/ 33		1.1	1.0	.7	.2													27	27	40	35
32/ 31		.7	.3	.7														15	15	36	50
30/ 29		.1	.3	.2														6	6	23	40
28/ 27		.1	.4	.1														6	6	9	27
26/ 25		.2	.2	.2														6	6	11	30
24/ 23			.3															3	3	7	17
22/ 21			.1															1	1	6	20
20/ 19																				3	5
18/ 17																					18
16/ 15																					3
14/ 13																					7
12/ 11																					4
10/ 9																					5
8/ 7																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	21-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67 5																					5
TOTAL	.4	25.7	32.3	17.4	6.2	2.3	1.0	.1	.1									899	900	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.	5352584	68032	75.7	15.081	899							
Dry Bulb	2349074	44996	50.0	10.519	900		3.7	5.6	.3			90
Wet Bulb	2049679	41775	46.5	10.990	899		9.5	2.2				90
Dew Point	1763454	37942	42.2	13.642	899		23.4	.7				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.2													2	2		
78/ 77				.1	.3	.4	.1	.2										11	11		
76/ 75				.4	.9	.3		.1	.1									17	17		
74/ 73		.1	.1	1.3	.9	.4	.1	.2										29	29		
72/ 71			1.7	1.0	.8	.6		.9	.3									44	44	5	
70/ 69		.2	.8	.9	1.4	.3	.6		.1		.1							40	40	16	3
68/ 67		.3	1.9	.7	1.0	.4	.7	.1	.1	.1	.1							49	49	41	12
66/ 65		1.1	.9	1.4	1.2	.4	.6	.3	.3	.4								61	61	29	26
64/ 63		1.7	.9	1.6	.9	.3	.4	.8	.2	.2								63	63	54	31
62/ 61		1.0	.8	1.2	.9	.9	.8	.6	.3									58	58	47	51
60/ 59		1.1	.6	.8	1.3	.9	1.3	.4	.1	.1								59	59	50	36
58/ 57	.1	.6	.8	1.1	.9	1.5	1.1	.6	.1									56	56	53	37
56/ 55		.6	1.6	1.3	1.2	.9	.8	.2	.1	.1								61	61	41	49
54/ 53		1.7	1.1	1.3	1.7	.4	.8	.6	.2									70	70	51	30
52/ 51		1.2	1.6	.4	.7	1.4	.8	.2										57	57	56	39
50/ 49		.7	.4	1.9	1.0	1.3	.2											42	42	76	48
48/ 47	.1	.3	.1	1.0	1.3	.3	.4	.2										35	35	73	53
46/ 45		.9	.8	1.0	.6	.4	.1											34	34	47	43
44/ 43		1.1	.3	.7	.4	.7												29	29	41	33
42/ 41		1.0	.4	.3	.3	.4												23	23	56	29
40/ 39		.4	1.0	.2	.3	.3												21	21	54	47
38/ 37		.1	.6	.3	.3	.2												14	14	29	46
36/ 35		.2			.2	.3												7	7	26	41
34/ 33		.6	.2	.4	.1													12	12	17	36
32/ 31		.1		.1														2	2	15	44
30/ 29				.1														1	1	9	32
28/ 27			.2															2	2	9	32
26/ 25			.1															1	1	2	26
24/ 23																				3	13
22/ 21																					11
20/ 19																					9
18/ 17																					13
16/ 15																					7
14/ 13																					11

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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | NOV MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					1
10/ 9																					2
8/ 7																					5
6/ 5																					2
TOTAL	.215	.016	.818	.919	.012	.9	8.8	5.1	2.1	1.0	.2							900	900	900	900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3868133	56443	62.7	19.111	900							
Dry Bulb	3067742	51694	57.4	10.470	900		.1	19.2	5.9			90
Wet Bulb	2413903	45661	50.7	10.404	900		3.8	6.2				90
Dew Point	1890017	39247	43.6	14.093	900		21.1	1.5				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | NOV 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
86/ 85								.1		.2		.2						5	5		
84/ 83							.1	.2	.1									4	4		
82/ 81						.7	.8	.7	.6	.1	.2	.1						25	25		
80/ 79				.3	.3	1.7	.6	.8	.3	.3	.1							40	40		
78/ 77				.1	.7	1.6	1.2	.8	.7	.2	.3	.1	.1	.2	.1			55	55		
76/ 75			.1		.6	.9	.9	1.1	.7		.2							40	40	1	
74/ 73				.8	1.1	1.2	1.3	.2	.3	.9	.1	.1						55	55	5	1
72/ 71			.1	.6	.9	1.1	1.1	.9	.8	.3	.4	.2						58	58	11	3
70/ 69		.4	.6	.9	1.2	1.3	.7	.8	1.1	.7	1.1	.1						77	77	33	2
68/ 67		.2	.3	.8	.9	.9	.6	.8	1.1	.6	.9							59	59	50	10
66/ 65		.2	.1	.9	.4	.3	.9	1.0	.8	.9	.1							54	54	52	25
64/ 63		.2	.2	.7	.2	1.1	.8	1.4	1.1	.3	.1							56	57	61	35
62/ 61		.7	.2	.7	1.0	.8	.7	.6	.7	.7	.1							54	54	57	36
60/ 59		.2	.6	.3	.6	1.1	.4	.8	.8	.4								47	47	51	45
58/ 57		.1	.4	.3	.9	1.0	.6	.8	.3	.1								41	41	38	59
56/ 55		.8	.2		.1	.7	1.0	.8	.7	.1								39	39	51	31
54/ 53	.2	1.1	.4		.2	.2	.7	1.0										35	35	75	61
52/ 51		.3	.2		.6	.7	.4	.7	.1									27	27	65	41
50/ 49		.2	.9	1.0	.7	.6	.3	.2	.1									36	36	63	36
48/ 47		.1		.2	.3	.4	.2	.2										11	11	55	31
46/ 45		.7		.2		.1	.3	.1										13	13	30	44
44/ 43		.9	.6	.3		.3	.7											25	25	58	30
42/ 41		.7	.2	.1	.1		.2											12	12	49	38
40/ 39		.3	.3		.2	.7	.1											12	12	28	47
38/ 37		.4	.4															8	8	18	38
36/ 35		.2	.1															3	3	11	36
34/ 33		.4	.1															5	5	15	33
32/ 31					.2													2	2	15	34
30/ 29				.1														1	1	4	33
28/ 27																					35
26/ 25																				1	23
24/ 23																				2	17
22/ 21																					17
20/ 19																					15

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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | NOV 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
18/ 17																					11
16/ 15																					7
14/ 13																					8
12/ 11																					5
10/ 9																					11
8/ 7																					3
6/ 5																					5
4/ 3																					3
TOTAL	.2	8.3	6.2	8.2	11.2	16.0	14.6	13.9	10.2	5.9	3.8	.9	.1	.2	.1		899	900	899	899

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.	2699283	45793	50.9	20.208	899							
Dry Bulb	3785681	57467	63.9	11.373	900		.3	41.6	22.4	5.3		90
Wet Bulb	2664869	48071	53.5	10.255	899		2.2	10.0	.6			90
Dew Point	1882622	38916	43.3	14.850	899		22.7	1.6	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 6S-70,73-79 (YEARS) NOV (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
88/ 87											.1							1	1		
86/ 85									.1	.2			.2					5	5		
84/ 83							.2	.4	.4			.1						11	11		
82/ 81					.2		1.2	.7	.6	.2	.3	.2						31	31		
80/ 79				.3	.2	.4	.7	1.1	.8	.7	.2							40	40		
78/ 77				.1	.9	.8	1.2	1.4	.8			.3		.1				51	51		
76/ 75			.1	.3	.4	1.6	1.7	1.1	.3	.4	.3	.1	.1	.1				60	60		
74/ 73			.4	.6	.9	1.3	.9	.4	.4	.6	.2	.1	.1					54	54	6	
72/ 71			.3	.6	1.2	.7	.6	.7	1.0	1.0	.4	.4						62	62	9	3
70/ 69			.3	.3	.7	.2	.9	.7	1.7	1.0	1.3	.3						67	67	42	5
68/ 67			.2	.1	.6	.3	.9	1.2	.8	.8	.9							52	52	38	13
66/ 65			.1	.2	.6	.7	1.1	1.1	.9	.8	.3							52	52	60	16
64/ 63	.2	.3	.3	.7	.7	.9	.8	1.2	1.0	.6								60	60	64	28
62/ 61		.3	.4	.9	1.3	1.2	.8	.4	.6	1.0	.1							64	64	48	39
60/ 59		.4	.1	.1	.2	.8	.8	.8	1.2	.3								43	43	37	47
58/ 57		.1	.4	.3	.4	.4	.8	.2	.4									29	29	46	44
56/ 55		1.0			.1	.7	.9	.7	.3									33	33	63	49
54/ 53	.2	.7	.4		.6	.7	1.0	.9	.4									44	44	91	33
52/ 51		1.0			.7	.2	.4	.8	.2									30	30	44	50
50/ 49		.4	1.0	.8			.2	.4										26	26	80	33
48/ 47			.2	.7	.2			.6										15	15	46	32
46/ 45		.3	.3	.4	.2	.2	.1	.4										19	19	45	50
44/ 43		.4		.1		.2	.6											12	12	52	30
42/ 41		.6	.2		.1	.1	.2											11	11	35	42
40/ 39		.1	.4															5	5	26	35
38/ 37		.4	.3															7	7	18	52
36/ 35		.6	.2	.1														8	8	14	42
34/ 33		.4			.3													7	7	19	28
32/ 31					.1													1	1	13	32
30/ 29																					39
28/ 27																					39
26/ 25																				4	16
24/ 23																					20
22/ 21																					24

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (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
20/ 19																					14
18/ 17																					9
16/ 15																					15
14/ 13																					5
12/ 11																					2
10/ 9																					8
8/ 7																					8
6/ 5																					6
TOTAL	.4	7.2	6.1	6.7	10.7	11.4	15.9	15.3	12.0	7.6	4.3	1.7	.4	.2				900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2530796	44092	49.0	20.306	900							
Dry Bulb	3873508	58150	64.6	11.377	900		.1	43.4	25.3	6.8		90
Wet Bulb	2676413	48235	53.6	10.077	900		1.7	9.5	.6			90
Dew Point	1847087	38539	42.8	14.796	900		23.0	2.1				90

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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 Point
80/ 79								.1										1	1		
78/ 77					.2	.2	.2											6	6		
76/ 75			.1	.2	.7	.4	.4	.3	.1									21	21		
74/ 73		.1	.3	1.4	.8	.7	.2	.2	.1	.1		.1						37	37		
72/ 71		.7	1.0	1.0	1.2	.9	.2	.1										46	46	4	1
70/ 69			.9	1.1	1.4	1.0	.3		.1									44	44	18	5
68/ 67		.1	1.7	1.2	1.0	.6	.3	.1	.1	.1	.1							48	48	28	14
66/ 65		.4	.8	1.6	1.0	.2	.4	.4	.4	.4								52	52	35	12
64/ 63		.1	.7	.9	.8	.4	.4	.1	.4	.2								37	37	55	30
62/ 61	.3	.7	1.0	1.4	1.8	.9	.9	.3	.2									68	68	50	37
60/ 59		.9	1.6	1.1	1.4	1.4	.3	.8	.1									69	69	42	32
58/ 57		.6	1.6	.8	1.3	1.8	.7	.4	.1									65	65	44	53
56/ 55		1.0	.8	.9	1.7	.8	1.0		.1									56	56	50	45
54/ 53	.3	.6	1.1	1.7	1.4	1.1	.7	.1										63	63	57	48
52/ 51		.7	.4	.6	1.7	.9	.4	.1										43	43	56	46
50/ 49		1.1	1.3	1.7	.6	1.6	.1											59	59	73	39
48/ 47		.4	.8	.7	.8	.8	.4											35	35	69	32
46/ 45		.2	1.0	.7	.7	.8	.2											32	32	61	50
44/ 43		.3	.7	.3	.8	.6	.2											26	26	54	33
42/ 41		.9	.9	.3	.2	.2	.2											25	25	45	45
40/ 39		.8	.4	.3	.7	.4												24	24	39	48
38/ 37		.4		.3	.1	.3												11	11	35	60
36/ 35		.2	.3	.2	.1	.1												9	9	20	32
34/ 33		.8	.4	.2	.2													15	15	19	32
32/ 31				.2	.2													4	4	18	41
30/ 29			.2															2	2	14	33
28/ 27				.1														1	1	5	30
26/ 25		.1																1	1	5	24
24/ 23																				4	11
22/ 21																					15
20/ 19																					16
18/ 17																					10
16/ 15																					7
14/ 13																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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 Point
12/ 11																					2
10/ 9																					7
8/ 7																					5
6/ 5																					3
4/ 3																					1
TOTAL	.7	11.1	18.0	19.0	21.0	16.1	7.9	3.2	1.9	.9	.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.	3785199	56115	62.4	17.859	900							
Dry Bulb	3054608	51544	57.3	10.684	900		.8	20.3	6.5			90
Wet Bulb	2392589	45451	50.5	10.401	900		4.6	5.0				90
Dew Point	1869817	39123	43.5	13.717	900		20.6	2.0				90

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

03902 (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) | 68-70,73-79 (YEARS) | NOV (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			.2		.3													5	5		
74/ 73			.7	.6	.1				.1									13	13		
72/ 71		.3	1.0	.7	.3		.2					.1						24	24	3	1
70/ 69		.4	1.7	.7	.4	.7	.1	.1			.1							38	38	10	5
68/ 67		.4	2.9	1.2	.9	.1	.1				.1							52	52	30	12
66/ 65		.7	2.1	1.2	.6	.1		.1										43	43	20	22
64/ 63		.3	1.6	.9	.4	.1	.7											36	36	45	21
62/ 61	.2	1.9	1.7	2.1	.6	.6	.2	.1	.2	.1								69	69	44	41
60/ 59		.4	1.4	.9	.8	.2	.1	.4	.2									41	41	53	31
58/ 57		1.2	1.8	1.1	.7	.4	.4	.2										53	53	41	46
56/ 55		2.1	1.0	1.0	1.2	.3	.4											55	55	46	41
54/ 53	.3	.6	1.0	1.4	1.1	1.0	.1											50	50	53	53
52/ 51		1.3	1.7	2.2	1.3	.7	.3											68	68	44	41
50/ 49	.1	2.2	1.9	1.3	1.4	.7	.6	.2										76	76	46	40
48/ 47		1.3	1.4	1.1	1.7	.7	.1											57	57	71	46
46/ 45		.2	2.3	1.0	.9	.3	.1											44	44	64	53
44/ 43		.7	1.2	1.1	.8	.1												35	35	73	38
42/ 41		.7	1.2	.8	1.2	.2												37	37	47	34
40/ 39		1.7	1.0	.6	.4	.3												36	36	47	56
38/ 37		.8	.3	.6		.2												17	17	52	52
36/ 35		.6	.1	.8	.1													14	14	26	36
34/ 33		.6	.6	.6	.2													17	17	24	33
32/ 31		.1		.6	.1													7	7	20	55
30/ 29		.1	.2	.1														4	4	16	29
28/ 27			.7	.1														7	7	7	26
26/ 25			.2															2	2	8	16
24/ 23																				6	23
22/ 21																				2	15
20/ 19																					12
18/ 17																					12
16/ 15																					10
14/ 13																					5
12/ 11																					6
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) NOV (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
8/ 7																						3
6/ 5																						3
TOTAL	.7	18.	7	29.	9	22.	6	15.	7	6.8	3.6	1.2	.6	.1	.2	.1				900		900		900
																			900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel Hum	4516673	61949	68.8	16.762	900							
Dry Bulb	2717304	48518	53.9	10.439	900		2.0	13.2	1.8			90
Wet Bulb	2247038	43916	48.8	10.762	900		6.1	4.3				90
Dew Point	1846991	38849	43.2	13.753	900		21.8	1.8				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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | NOV 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
88/ 87											.0							1	1		
86/ 85								.0	.0	.1		.0	.0					10	10		
84/ 83							.0	.1	.1			.0						15	15		
82/ 81					.0	.0	.3	.2	.1	.0	.1	.0						56	56		
80/ 79				.1	.1	.3	.2	.3	.1	.1	.0							83	83		
78/ 77				.0	.3	.4	.3	.3	.2	.0	.0	.1	.0	.0	.0			123	123		
76/ 75			.1	.2	.4	.4	.4	.3	.2	.1	.1	.0	.0	.0				146	146	1	
74/ 73		.0	.3	.7	.5	.3	.3	.1	.1	.2	.0	.0	.0					205	205	11	1
72/ 71		.1	.2	.6	.6	.4	.3	.3	.3	.2	.1	.1						266	266	35	8
70/ 69		.4	1.0	.5	.7	.4	.3	.2	.4	.2	.3	.1						354	354	138	24
68/ 67		.4	1.6	.6	.6	.3	.3	.3	.3	.2	.3							339	339	252	88
66/ 65		.7	1.0	.8	.5	.3	.4	.4	.3	.3	.1							345	345	285	182
64/ 63	.1	1.2	.9	.7	.4	.4	.4	.4	.4	.2	.0							362	363	367	223
62/ 61	.1	1.7	1.1	1.1	.8	.6	.4	.3	.3	.2	.0							472	472	351	2.5
60/ 59	.0	1.2	1.3	.7	.6	.6	.4	.4	.3	.1								408	408	354	321
58/ 57	.0	1.2	1.1	.9	.8	.6	.5	.3	.1	.0								407	407	352	341
56/ 55	.0	1.5	.9	.9	.8	.5	.5	.2	.2	.0								401	401	384	327
54/ 53	.2	1.5	.9	1.0	.8	.6	.5	.4	.1									426	426	471	328
52/ 51	.1	1.4	1.3	.6	.9	.6	.4	.2	.0									398	398	425	352
50/ 49	.1	1.5	1.3	1.1	.7	.7	.2	.1	.0									414	414	495	337
48/ 47	.0	1.2	.7	1.1	.9	.4	.2	.1										331	332	464	301
46/ 45		1.1	1.4	.9	.6	.3	.1	.1										319	319	407	371
44/ 43		1.1	1.2	.8	.5	.3	.2											291	291	444	303
42/ 41		1.2	1.2	.5	.5	.3	.1											268	268	414	299
40/ 39	.0	.9	1.3	.6	.3	.3	.0											241	241	385	334
38/ 37		.6	.7	.5	.1	.2												153	153	318	394
36/ 35		.6	.4	.3	.1	.1												109	109	206	326
34/ 33		.7	.4	.3	.2													119	119	208	268
32/ 31		.2	.2	.3	.1													55	55	172	357
30/ 29		.0	.2	.2	.1													29	29	102	262
28/ 27		.0	.2	.1														24	24	57	246
26/ 25		.1	.1	.0														17	17	43	173
24/ 23			.1															8	8	36	152
22/ 21		.0	.0															3	3	19	126

Element (X)	Σ_X^2	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
AUG 64
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																				6	5
18/ 17																				1	91
16/ 15																					61
14/ 13																					53
12/ 11																					39
10/ 9																					44
8/ 7																					36
6/ 5																					32
4/ 3																					4
TOTAL	.620	.422	.315	.910	.9	9.4	6.7	5.0	3.9	1.9	1.1	.3	.1	.1	.0			7198	7200	7198	7198

Element (X)	Σ_{X^2}	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
Dry Bulb	32955751	464859	64.6	20.192	7198		13.6	159.8	63.9	12.1		720
Wet Bulb	27816036	405008	56.3	11.994	7200		43.1	43.7	1.2			720
Dew Point	18717183	358551	49.8	10.911	7198		176.8	12.1	.1			720
	14741955	309613	43.0	14.068	7198							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71			.5															5	5		
70/ 69			.4	.6														10	10		
68/ 67		.2	1.3	.3														17	17	5	
66/ 65		.4	2.0	.3								.1						27	27	11	5
64/ 63		.6	1.4	.3							.1							23	23	23	14
62/ 61		1.4	.8	.4	.1	.1	.1	.4			.1							32	32	33	16
60/ 59		1.2	.9	.2	.3													24	24	22	39
58/ 57	.3	1.3	.9	.3	.3	.3	.1	.2										35	35	28	27
56/ 55	.2	1.8	1.1	.4	.4	.4	.3	.1	.1									45	45	22	28
54/ 53		.9	1.3	.9	.5	.4	.2	.2										41	41	28	25
52/ 51	.1	1.9	.6	.9	1.1	1.0	.9	.1										61	61	34	21
50/ 49		1.4	1.6	1.3	.8	1.3	.1											60	60	39	26
48/ 47		1.7	.6	1.2	1.7	.6	.1											56	56	29	30
46/ 45	.1	1.3	.5	2.3	1.7	.4	.2											61	61	33	25
44/ 43	.3	1.2	1.5	3.3	.3	.4	.2											72	72	64	29
42/ 41		1.7	2.3	2.8	1.1													73	73	43	31
40/ 39	.1	1.4	2.7	2.6	.3													66	66	99	24
38/ 37		1.1	3.6	2.9	.4	.2												76	76	92	39
36/ 35	.2	1.2	1.7	1.4	.2													44	44	73	52
34/ 33		.4	1.3	1.4	.2													28	28	80	55
32/ 31		.8	1.6	1.1														32	32	44	74
30/ 29	.2	.6	.8	.5														20	20	37	77
28/ 27		.2	.4	.4														10	10	31	75
26/ 25		.1	.4	.1														6	6	19	57
24/ 23			.2	.1														3	3	11	30
22/ 21				.1														1	1	5	37
20/ 19																				1	22
18/ 17																				2	17
16/ 15																					10
14/ 13																					16
12/ 11																					10
10/ 9																					5
8/ 7																					1
6/ 5																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | DEC 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
0/ -1																					1
-2/ -3																					
TOTAL	1.6	23.0	30.1	26.3	10.0	5.3	2.3	1.1	.1		.7	.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.	4567612	63072	68.0	17.407	928							
Dry Bulb	2120292	43312	46.7	10.329	928		7.2	3.7				9?
Wet Bulb	1747408	39080	42.1	10.473	928		15.0	.5				9?
Dew Point	1363444	33292	35.9	13.506	928	.3	44.9					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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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					
72/ 71			.1																1	1		
70/ 69			.5	.3															8	8		
68/ 67		.3	1.1	.5															18	18	1	
66/ 65		.6	2.5	.1															30	30	10	c
64/ 63		1.0	.6	.1															16	16	25	9
62/ 61		1.2	1.1					.1											22	22	34	14
60/ 59	.1	.6	.8	.1		.1		.1											17	17	14	43
58/ 57	.3	1.4	.5		.2			.2		.2									27	27	27	15
56/ 55	.5	2.8	.9	.3	.1	.1	.2		.1										47	47	26	36
54/ 53	.3	1.5	1.1	.4	.5	.3	.5	.1											46	46	29	25
52/ 51		1.5	1.2	.4	.4	1.3	.2	.1											48	48	22	1[illegible]
50/ 49	.3	1.5	.6	.3	.9	.9	.2												44	45	41	3[illegible]
48/ 47		2.2	1.8	1.8	.9	.9													61	61	33	[illegible]
46/ 45		2.4	1.7	2.0	1.5	.4													68	68	40	[illegible]
44/ 43	.2	1.4	2.3	2.5	1.5	.4													77	77	55	[illegible]
42/ 41		.9	2.6	1.5	1.3	.1	.2												61	61	58	[illegible]
40/ 39	.3	.8	4.3	2.3	.4														74	74	75	[illegible]
38/ 37		1.2	3.1	1.9	.1														59	59	80	[illegible]
36/ 35	.1	3.6	2.5	.9	.3														68	68	90	53
34/ 33	.1	1.3	2.0	1.4															47	47	92	56
32/ 31		.1	1.5	1.8	.1														33	33	49	81
30/ 29		1.1	1.2	.4															25	25	24	77
28/ 27	.2	.9	.9	.3															18	18	51	69
26/ 25		.2	.3	.1															6	6	28	59
24/ 23		.4	.1																5	5	12	44
22/ 21				.1															1	1	10	27
20/ 19			.1	.1															2	2		33
18/ 17																						16
16/ 15																					3	17
14/ 13																						1[illegible]
12/ 11																						13
10/ 9																						11
8/ 7																						1
-2/ -3																						3

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												

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | DEC MONTH

PAGE 2 | 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	2.6	28.1	33.9	20.1	8.3	4.4	1.4	.9	.1	.2									929	930	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.	4843678	65208	70.2	16.953	929							
Dry Bulb	2007843	42107	45.3	10.447	930		9.0	2.7				93
Wet Bulb	1681935	38267	41.2	10.670	929		17.7	.1				93
Dew Point	1338317	32941	35.5	13.546	929	.3	46.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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
70/ 69			.6															6	6		
68/ 67		.3	.5	1.4														21	21		
66/ 65		1.0	2.3							.1								31	31	9	3
64/ 63		1.0	.9						.1									18	18	21	6
62/ 61		.6	.8				.1	.1										15	15	40	17
60/ 59		1.2	.1															12	12	10	44
58/ 57	.3	2.0	.4	.1	.4			.1										32	32	23	17
56/ 55	.3	2.4	.8			.3	.6		.1									42	42	28	31
54/ 53	.1	2.0	.9	.1	.1	.3		.2	.1									36	36	23	25
52/ 51		2.0	1.0	.5	.2	.5	.2	.1										43	43	31	17
50/ 49	.4	1.7	.5	.8	.2	.9	.1											42	42	41	29
48/ 47		1.9	.1	1.6	.9	.2												44	44	20	34
46/ 45		2.7	.9	2.0	1.0	.5	.1											67	67	44	22
44/ 43	.1	1.2	2.5	1.5	1.1	.2												61	61	45	38
42/ 41		1.7	4.9	1.0	1.5													85	85	43	14
40/ 39		2.0	3.5	2.2	.4													76	76	80	1°
38/ 37	.2	2.6	2.6	1.8		.1												68	68	95	31
36/ 35		2.6	3.9	.5	.4	.1												70	70	74	46
34/ 33		2.2	2.2	.6	.2													48	48	101	80
32/ 31		.8	1.4	1.9	.1													39	39	63	74
30/ 29		.8	2.0	.2														28	28	28	75
28/ 27		.9	1.2	.2														21	21	33	60
26/ 25		.2	.9															10	10	43	57
24/ 23		.6	.4															10	10	12	42
22/ 21	.1		.1															2	2	15	37
20/ 19			.3															3	3	5	33
18/ 17																					21
16/ 15																				3	16
14/ 13																					13
12/ 11																					1
10/ 9																					10
8/ 7																					5
6/ 5																					2
-2/ -3																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. 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 JUN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | DEC MONTH

PAGE 2 | 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	1.6	34.4	35.6	16.6	6.6	3.1	1.2	.5	.3	.1								930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	5039404	66754	71.9	16.336	930							
Dry Bulb	1931097	41199	44.3	10.681	930		11.3	2.7				93
Wet Bulb	1638532	37714	40.6	10.838	930		20.2					93
Dew Point	1321071	32709	35.2	13.554	930	.3	45.8					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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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
76/ 75											.1							1	1		
74/ 73					.1	.1					.1							3	3		
72/ 71				1.0	.4	.4				.2								19	19		
70/ 69			.6	1.0	.8			.1		.2	.1							26	26		
68/ 67			.9	.9	.2		.2				.1							21	21	4	
66/ 65		.3	1.2	.5	.5		.3	.3	.1	.1								32	32	15	4
64/ 63		.6	.6	.4	.2	.4	.3	.3	.1									29	29	40	7
62/ 61		.4	.8	.3	.5	.4	.1	.3										27	27	20	27
60/ 59		1.6	.6	.4	.5	.1	.8	.5	.4	.1								48	48	25	29
58/ 57	.1	1.5	.6	.4	.5	.3	1.0	.8	.1									54	54	28	30
56/ 55	.2	1.4	.9	.5	1.1	1.4	.5	.2	.1	.1								60	60	34	31
54/ 53		1.7	.9	.5	.5	1.4	1.2	.5										63	63	45	22
52/ 51	.3	1.0	.8	1.2	1.6	1.6	.5	.1	.1									67	67	41	34
50/ 49	.1	1.0	1.0	1.3	1.3	2.0	.8											69	69	36	28
48/ 47		1.5	.6	2.3	2.0	1.7	.9	.1										85	85	54	21
46/ 45	.1	2.0	.9	1.5	2.0	.8	.2	.1										71	71	72	38
44/ 43		.6	1.3	2.3	1.5	1.2	.2											66	66	89	32
42/ 41		.6	1.5	1.4	1.1	.3												46	46	73	33
40/ 39		.3	1.1	1.0	1.1	.1												33	33	82	30
38/ 37		1.1	.8	1.3	.3	.2												34	34	72	52
36/ 35		1.2	.6	.8	.8													31	31	63	44
34/ 33		.2	.3	.6	.3													14	14	49	78
32/ 31		.2	.2	.4	.3													11	11	29	67
30/ 29		.1	.1	.2														4	4	19	52
28/ 27		.4		.4														8	8	15	49
26/ 25			.2	.2														4	4	9	49
24/ 23			.1	.1														2	2	6	43
22/ 21																				5	27
20/ 19				.2														2	2	2	22
18/ 17																				1	25
16/ 15																				2	16
14/ 13																					5
12/ 11																					10
10/ 9																					9

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) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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
8/ 7																					9
6/ 5																					9
-2/ -3																					3
TOTAL	.9	18.0	16.6	21.2	17.8	13.0	7.0	3.4	1.0	.8	.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.	3663071	57047	61.3	19.788	930							
Dry Bulb	2478776	47070	50.6	10.188	930		3.1	7.0	.4			93
Wet Bulb	1927048	41304	44.4	9.985	930		8.8	.4				93
Dew Point	1413299	33955	36.5	13.669	930	.3	39.0					93

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 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
86/ 85														.1				1	1		
82/ 81											.1	.1	.2	.1				5	5		
80/ 79											.3	.1	.4					8	8		
78/ 77							.3	.1	.1	.2	.1	.1	.1					10	10		
76/ 75					.2	.5	.3	.3	.2	.1	.3	.1						20	20		
74/ 73				.2	.5	1.7	.6	.3	.2	.1	.2	.2						39	39		
72/ 71				.3	.6	1.0	.5	.4	.1		.2	.1						34	34		
70/ 69			.1		.9	1.0	1.0	.9	.5	.3	.4	.1						48	48		
68/ 67		.1	.1	.5	.5	.6	.8	.9	.4	.9	.3	.1						49	49	8	
66/ 65		.2	.2	.9	.4	.8	.6	.6	1.5	.6	.4							59	59	29	4
64/ 63		.2	.3	.2	.1	.3	.8	.9	1.2	.6	.3							46	46	26	5
62/ 61		.5	.3	.3	.3	.5	.6	1.8	1.0	.3								54	54	43	14
60/ 59		.9	.2	.3	.6	1.0	.6	1.1	.9	.2	.2							56	56	47	27
58/ 57	.1	1.1	.8	.3	.6	.8	1.4	1.7	.6	.3								72	72	43	35
56/ 55	.1	.3	.4	.8	1.1	1.3	1.6	1.5	.3	.1								72	72	49	41
54/ 53	.1	.1	.3	.6	1.0	.8	1.8	1.6	.2									61	61	44	1°
52/ 51	.1	.2	.4	.5	1.1	1.7	2.0	.2	.3									62	62	46	29
50/ 49		1.0	.4	1.0	.5	1.5	1.1	.8	.1									59	59	78	29
48/ 47		.4	.3	.4	.8	.5	.9	.1										32	32	73	31
46/ 45		1.1	.1	.9	1.0	1.0	.2											39	39	94	35
44/ 43		.3	.1		.5	.2	.2											13	13	71	37
42/ 41		.5	.5		.4	.6	.1											21	21	71	40
40/ 39		.1	.5	.2	.3	.4												15	15	61	39
38/ 37		.9	.1	.2	.2	.4												17	17	42	40
36/ 35		.6	.5	.3	.2	.3												19	19	38	41
34/ 33		.2				.1												3	3	17	67
32/ 31		.4	.2		.3													9	9	29	63
30/ 29			.1	.1	.1													3	3	11	50
28/ 27				.1	.1													2	2	7	47
26/ 25				.1														1	1	3	53
24/ 23																				5	34
22/ 21																				2	31
20/ 19																				1	40
18/ 17																					16

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) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					11
14/ 13																					6
12/ 11																					12
10/ 9																					10
8/ 7																					7
6/ 5																					6
4/ 3																					3
2/ 1																					1
0/ -1																					3
TOTAL	.4	9.3	6.2	8.7	12.6	17.1	15.6	13.2	7.8	3.9	3.0	1.0	.8	.2					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.	2612372	45366	48.8	20.684	929							
Dry Bulb	3197376	53544	57.6	10.952	929		1.5	21.4	8.3	1.0		93
Wet Bulb	2201734	44364	47.8	9.466	929		4.9	.8				93
Dew Point	1402451	33775	36.4	13.713	929	.3	39.4					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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85															.2			2	2		
84/ 83														.2	.3			5	5		
82/ 81										.2		.3						5	5		
80/ 79							.1		.1			.4	.3	.1				10	10		
78/ 77						.1	.4	.1		.1	.1	.1	.2					11	11		
76/ 75					.9	.4	1.1	.6			.5	.1						34	34		
74/ 73				.1	.3	1.0	1.5	.3	.4	.4		.2						40	40		
72/ 71			.1	.3	.6	1.5	.4	.3	.5	.5	.3	.3						47	47		
70/ 69			.3		.5	.9	1.5	.4	.3	1.0	.8	.2						50	50		
68/ 67			.1	.4	.2	.6	.3	.5	.8	1.5	.4	.2						48	48	15	
66/ 65			.1	.3	.6	.1	.4	1.0	1.8	1.1	.4	.2						57	57	16	2
64/ 63		.2	.5		.4	.1	1.0	.8	1.4	.5	.2	.2						50	50	41	10
62/ 61		1.2	.1	.1	.6	.1	.5	2.4	1.3	.4	.1							64	64	40	13
60/ 59		1.2	.3	.6		.9	1.2	2.6	.5	1.0								74	74	45	24
58/ 57	.1	.4	.5	.4	.5	1.0	.3	2.3	.6	.4								62	62	48	47
56/ 55	.1	.1	.4	.9	.5	.5	2.2	2.2	.6	.1								71	71	43	29
54/ 53		.1	.4	.5	.5	.9	1.7	1.6	.1									55	55	38	19
52/ 51		.6	.6	.9	.8	.9	1.2	.9	.2									56	56	59	35
50/ 49		.1	.2	.9	.5	.6	1.1	.8	1									40	40	85	22
48/ 47		.3	.2	.1	.5	.1	.3											15	15	84	31
46/ 45		1.0	.1	1.0	.4	.9	.2											33	33	72	17
44/ 43		.4	.3		.1	.3	.5											16	16	90	39
42/ 41		.5	.2		.3	.8	.3											19	19	75	31
40/ 39		.8	.5		.2	.6												20	20	52	40
38/ 37		.9	.2	.2	.1	.4												17	17	38	46
36/ 35		.6	.1	.1	.1													9	9	24	38
34/ 33		.3	.1	.1	.3													8	8	19	55
32/ 31		.3	.3		.2													8	8	18	87
30/ 29		.3			.1													4	4	14	69
28/ 27																				8	53
26/ 25																				3	46
24/ 23																				2	20
22/ 21																				1	39
20/ 19																					32

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (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
18/ 17																					1
16/ 15																					1
14/ 13																					12
12/ 11																					11
10/ 9																					13
8/ 7																					8
4/ 3																					7
2/ 1																					1
0/ -1																					1
TOTAL	.2	9.5	6.0	7.0	9.7	12.3	15.8	16.7	8.9	7.3	2.9	2.4	.5	.3	.5				930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2417483	43030	46.3	21.428	930							
Dry Bulb	3352453	54873	59.0	11.115	930		1.2	25.2	10.7	1.6		93
Wet Bulb	2241170	44832	48.2	9.279	930		4.6	1.5				93
Dew Point	1368237	33307	35.8	13.740	930	.1	43.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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				
82/ 81															.1			1	1		
78/ 77														.1				1	1		
76/ 75						.1	.1											2	2		
74/ 73					.1	.2	.3			.1	.1							8	8		
72/ 71			.1	.4	.5	.4	.1		.2	.1	.1	.1	.1					21	21		
70/ 69		.1	.4	.1	.8	.2					.1							16	16		
68/ 67		.1	.6	.6	.8	.4	.2	.1	.3	.1	.1							32	32	3	1
66/ 65			1.2	.4	.4	.2	.3		.8	.2								33	33	14	.
64/ 63		.8	.3	.3	.5	.1	.3	.2	.4	.1								33	33	24	9
62/ 61		1.2	.9	1.1	.4	.5	.4	.4	.2	.1								49	49	32	10
60/ 59	.2	1.5	.4	.9	.3	.4	1.1	.8	.1	.1								54	54	38	37
58/ 57	.1	1.1	.9	.1	.6	.1	1.7	.3	.2	.1								49	49	31	27
56/ 55		.3	1.2	1.0	1.1	1.2	1.3	.2	.2	.1								61	61	32	37
54/ 53		1.1	.9	.8	1.1	1.9	.8	.3										63	63	34	19
52/ 51		1.2	.8	.1	1.7	2.2	.8	.5	.1									68	68	43	30
50/ 49		.9	1.2	1.2	2.5	2.0	.5	.1										78	78	52	35
48/ 47		.8	.9	.9	2.0	1.1	.4											56	56	66	26
46/ 45	.1	.9	.9	2.3	1.9	1.2	.2	.3										72	72	71	13
44/ 43	.1		1.2	2.7	1.1	.9	.1											56	56	69	37
42/ 41		.9	.5	.8	1.2	.5												37	37	80	33
40/ 39		1.1	1.5	.9	1.5	.4												50	50	89	26
38/ 37		1.0	.2	1.0	.7	.1												24	24	77	44
36/ 35		.1	.8	.5	.2	.1												16	16	46	49
34/ 33		.5	.2	.1	.2													10	10	42	72
32/ 31	.1	.5	.9	1.0	.4													27	27	31	94
30/ 29		.3	.2	.3	.2													10	10	21	69
28/ 27																				13	56
26/ 25																				12	41
24/ 23																				7	28
22/ 21																					25
20/ 19																					30
18/ 17																					22
16/ 15																					20
14/ 13																					7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 65-70,73-79 YEARS | DEC MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					13
10/ 9																					1
8/ 7																					5
6/ 5																					2
4/ 3																					4
2/ 1																					1
TOTAL	.6	14.	216.	117.	82	0.	114.	6	8.7	3.3	2.6	1.1	.4	.1	.1	.1	.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.	3566299	54527	58.8	19.689	927							
Dry Bulb	2576263	47943	51.7	10.220	927		3.7	8.1	1.2	.1		93
Wet Bulb	1951159	41577	44.9	9.658	927		8.4	.3				93
Dew Point	1384881	33669	36.3	13.227	927		41.5	.1				93

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73												.1						1	1		
72/ 71			.4		.1													5	5		
70/ 69			.3	.5	.4			.1	.1			.1	.2					17	17		
68/ 67		.1	1.2	.6	.1					.1								20	20	4	
66/ 65		.3	1.1	.4	.1		.1	.1	.1	.3								24	24	7	4
64/ 63	.1	.5	1.3	1.1	.1	.3			.1									33	33	20	12
62/ 61		.6	.5	.2	.3	.2	.1	.1	.1	.1								22	22	31	9
60/ 59	.1	2.2	.9	.4	.2	.1	.2	.1										39	39	24	33
58/ 57	.2	1.9	1.1	.3	.6	.3	.2	.2										45	45	32	39
56/ 55		.5	1.3	.9	.3	.8	1.1	.3	.2									50	50	29	33
54/ 53		1.3	1.3	.9	1.4	1.0	.5	.1										60	60	31	17
52/ 51		1.6	1.0	.4	1.5	1.3	.6	.3										60	60	41	24
50/ 49		.8	.9	.6	1.9	1.9	.2	.1										58	58	41	26
48/ 47		1.9	.9	1.0	1.3	.9	.2	.2										64	64	29	31
46/ 45		1.4	1.1	2.9	1.5	.4												68	68	44	33
44/ 43	.3	1.0	1.9	2.7	1.9	.3	.1											77	77	61	37
42/ 41		1.1	2.4	1.8	1.3	.1	.1											63	63	62	31
40/ 39		.8	1.8	2.2	1.1	.1												55	55	93	26
38/ 37	.2	1.5	1.8	1.4	1.1													56	56	96	41
36/ 35	.1	.1	1.5	.8	.2	.1												26	26	67	40
34/ 33		.2	.9	.8	.1													18	18	54	69
32/ 31	.1	1.3	1.1	1.0	.1													33	33	38	74
30/ 29		.5	.8	.3														19	19	42	76
28/ 27			.5	.3	.1													9	9	16	62
26/ 25			.3	.1														4	4	17	59
24/ 23			.1															1	1	11	32
22/ 21																				8	27
20/ 19																					22
18/ 17																					14
16/ 15																					31
14/ 13																					8
12/ 11																					12
10/ 9																					3
8/ 7																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 STAT ON | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | DEC MONTH

PAGE 2 | 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
6/ 5																					
4/ 3																					
2/ 1																					1
TOTAL	1	21	226	222	216	5	7	4	3	6	1	7	6	9		2	2		927		927
																		927		927	

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.	4212187	60083	64.8	18.530	927		6.6	4.3	.1			93
Dry Bulb	2254095	44719	48.2	10.226	927		13.2	.4				93
Wet Bulb	1800636	39774	42.9	10.080	927		43.5					93
Dew Point	1358407	33275	35.9	13.308	927							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-79 (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
86/ 85														.1	.0			3	3		
84/ 83														.0	.0			5	5		
82/ 81										.0	.0	.1	.0	.0	.0			11	11		
80/ 79							.0		.0		.0	.1	.1	.0				18	18		
78/ 77						.3	.1	.0	.0	.0	.0	.0	.0	.0				22	22		
76/ 75					.1	.1	.2	.1	.0	.0	.1	.0						57	57		
74/ 73				.0	.1	.4	.3	.1	.1	.1	.1	.1						91	91		
72/ 71			.2	.3	.3	.4	.1	.1	.1	.1	.1	.1	.0					132	132		
70/ 69		.0	.4	.3	.4	.3	.2	.2	.1	.2	.2	.1	.0					181	181		
68/ 67		.1	.7	.7	.2	.2	.2	.2	.2	.3	.1	.0						226	226	40	1
66/ 65		.4	1.3	.4	.3	.1	.2	.3	.5	.3	.1	.0						293	293	111	30
64/ 63	.0	.6	.8	.4	.2	.2	.3	.3	.4	.2	.1	.0						248	248	220	72
62/ 61		.9	.6	.3	.3	.2	.3	.7	.3	.1	.2							295	285	273	119
60/ 59	.1	1.3	.5	.4	.3	.3	.5	.6	.2	.2	.2							324	324	225	276
58/ 57	.2	1.3	.7	.3	.5	.4	.6	.7	.2	.1								376	376	260	228
56/ 55	.2	1.2	.9	.6	.6	.8	1.0	.6	.2	.1								448	448	263	266
54/ 53	.1	1.1	.9	.6	.7	.9	.8	.6	.1									425	425	272	177
52/ 51	.1	1.3	.9	.6	1.0	1.3	.8	.3	.1									465	465	317	211
50/ 49	.1	1.0	.8	.9	1.1	1.4	.5	.2	.0									450	451	413	225
48/ 47		1.3	.6	1.2	1.3	.7	.3	.1										413	413	397	230
46/ 45	.0	1.6	.7	1.9	1.4	.7	.1	.1										479	479	510	213
44/ 43	.1	.8	1.4	1.9	1.1	.5	.2											439	438	544	279
42/ 41		1.0	1.9	1.2	1.0	.3	.1											405	405	505	240
40/ 39	.1	.9	2.0	1.4	.7	.2												389	389	631	227
38/ 37	.1	1.3	1.5	1.3	.3	.2												351	351	592	323
36/ 35	.1	1.3	1.5	.7	.3	.1												283	283	475	343
34/ 33	.0	.7	.8	.7	.2	.0												176	176	454	541
32/ 31	.0	.6	.9	.9	.2													192	192	292	614
30/ 29	.0	.5	.6	.3	.1													113	113	196	549
28/ 27	.0	.3	.4	.2	.0													68	68	174	466
26/ 25		.1	.3	.1														31	31	134	420
24/ 23		.1	.1	.0														21	21	66	273
22/ 21	.0		.0	.0														4	4	46	250
20/ 19			.1	.0														7	7	9	240

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	≥ 90 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

03902 STATION | ROBERT GRAY AAF TX (FORT HOOD) STATION NAME | 68-70,73-79 YEARS | DEC MONTH

 | ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17																				3	149
16/ 15																				8	146
14/ 13																					84
12/ 11																					91
10/ 9																					61
8/ 7																					36
6/ 5																					20
4/ 3																					17
2/ 1																					4
0/ -1																					5
-2/ -3																					11
TOTAL	1.	119.	421.	317.	512.	7	9.7	7.0	5.1	2.7	1.7	.9	.5	.2	.1	.1			7431		7430
																		7430		7430	

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.	31122111	495087	61.2	20.910	7430							
Dry Bulb	19918195	374767	50.4	11.703	7431		43.7	74.7	20.7	2.7		744
Wet Bulb	15189518	326912	44.0	10.415	7430		92.9	4.0				744
Dew Point	10950107	266923	35.9	13.535	7430	1.6	344.1	.1				744

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

03902 (STATION) | ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) | 68-70,73-80 (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
106/105															.0	.0	.0	9	9		
104/103														.0	.0	.0	.0	28	28		
102/101												.0	.0	.0	.0	.0	.0	63	63		
100/ 99											.0	.0	.1	.1	.0	.0		198	198		
98/ 97								.0		.0	.1	.1	.2	.1	.0	.0	.0	433	433		
96/ 95							.0	.0	.0	.1	.2	.4	.2	.0	.0	.0		745	745		
94/ 93							.0	.0	.1	.2	.5	.3	.1	.0	.0	.0		1079	1079		
92/ 91					.0	.0	.0	.1	.3	.8	.4	.1	.0	.0	.0			1502	1502		
90/ 89					.0	.0	.1	.5	.8	.4	.2	.1	.0	.0	.0	.0		1884	1884		
88/ 87				.0	.0	.0	.4	.9	.6	.3	.1	.0	.0	.0	.0	.0		1998	1998		
86/ 85					.0	.4	.7	.7	.4	.2	.1	.0	.0	.0	.0	.0		2343	2343		
84/ 83			.0	.0	.3	.6	.7	.5	.3	.1	.1	.1	.0	.0	.0			2558	2558	8	
82/ 81			.0	.2	.8	.9	.7	.3	.2	.1	.1	.1	.0	.0	.0			3095	3095	19	1
80/ 79			.1	.8	1.2	.9	.3	.3	.2	.2	.1	.1	.0	.0	.0			3662	3662	67	14
78/ 77	.0	.0	.6	1.4	1.1	.6	.4	.2	.2	.2	.1	.1	.1	.0	.0			4359	4360	540	21
76/ 75	.0	.2	1.5	1.4	.9	.5	.3	.3	.2	.2	.1	.1	.0	.0				4777	4778	3346	77
74/ 73	.0	.7	1.7	1.3	.5	.4	.3	.2	.2	.1	.1	.1	.0					4852	4852	8210	635
72/ 71	.0	.9	1.7	.9	.5	.4	.2	.2	.2	.1	.1	.1	.0					4547	4547	7880	3321
70/ 69	.1	.7	1.7	.6	.5	.3	.2	.2	.2	.1	.1	.0	.0					4282	4282	6597	6776
68/ 67	.1	.7	1.4	.5	.4	.2	.3	.2	.2	.2	.1	.0						3682	3682	5458	7699
66/ 65	.1	.9	1.2	.6	.3	.3	.3	.2	.2	.1	.0	.0						3703	3703	4412	6903
64/ 63	.1	1.0	.9	.5	.3	.3	.3	.2	.2	.1	.0	.0						3256	3257	4416	5575
62/ 61	.1	1.0	.7	.5	.4	.3	.2	.2	.1	.1	.0							3141	3142	3883	4850
60/ 59	.1	.9	.7	.4	.3	.3	.3	.2	.1	.0	.0							2933	2933	3534	4211
58/ 57	.1	.7	.7	.4	.4	.3	.3	.2	.1	.0								2821	2821	3281	3653
56/ 55	.1	.7	.6	.4	.4	.4	.3	.2	.1	.1								2648	2649	3159	3229
54/ 53	.1	.6	.5	.4	.4	.3	.3	.1	.0									2464	2464	3154	2685
52/ 51	.1	.6	.6	.3	.4	.4	.2	.1	.0									2347	2347	2791	2609
50/ 49	.1	.6	.7	.5	.5	.4	.1	.1	.0									2479	2480	2957	2472
48/ 47	.1	.7	.4	.4	.5	.2	.1	.1										2064	2066	2868	2322
46/ 45	.0	.7	.5	.5	.4	.2	.1	.0										2124	2124	2835	2560
44/ 43	.0	.6	.5	.5	.3	.1	.1											1887	1887	2668	2412
42/ 41	.0	.5	.6	.4	.3	.1	.0											1663	1663	2575	2299
40/ 39	.1	.6	.6	.4	.2	.1	.0											1720	1720	2480	2228

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

03902 (STATION) ROBERT GRAY AAF TX (FORT HOOD) (STATION NAME) 68-70,73-80 (YEARS) ALL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37	.1	.6	.4	.4	.1	.1	.0											1414	1414	2242	2392
36/ 35	.1	.5	.4	.3	.1	.0												1266	1266	1779	2287
34/ 33	.1	.4	.3	.2	.1	.0												964	964	1703	2420
32/ 31	.1	.4	.3	.2	.1													944	944	1370	2696
30/ 29	.1	.2	.2	.1	.0													565	565	1095	2099
28/ 27	.0	.2	.2	.1	.0													391	391	736	1813
26/ 25	.0	.2	.1	.0														296	296	573	1619
24/ 23	.0	.1	.1	.0														188	188	457	1110
22/ 21	.0	.1	.1	.0														138	138	264	1044
20/ 19	.0	.0	.0	.0														66	66	158	969
18/ 17		.0	.0															22	22	54	692
16/ 15		.0																6	6	32	580
14/ 13		.0																2	2	7	382
12/ 11	.0																	1	1	2	334
10/ 9	.0																	1	1	1	291
8/ 7																					149
6/ 5																					91
4/ 3																					41
2/ 1																					12
0/ -1																					15
-2/ -3																					15
-4/ -5																					3
TOTAL	1.6	15.9	20.1	14.7	11.4	9.1	7.1	6.2	4.7	3.6	2.6	1.6	.8	.4	.2	.1	.0	87610	P7617	87610	87610

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	401171376	5672442	64.7	19.671	87610							
Dry Bulb	398487131	5729235	65.4	16.501	87617		261.7	4611.3	3360.2	1771.2	255.7	8760
Wet Bulb	309087829	5058407	57.7	13.941	87610		474.5	3214.4	1219.8	4.9		8760
Dew Point	257271008	4535284	51.8	16.024	87610	3.3	1393.3	1254.9	74.8	.4		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-PULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03902 ROBERT GRAY AAF TX (FORT HOOD) 66-70,73-80

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	41.0	46.0	53.2	60.7	66.7	73.7	77.	7	7[illegible]8	62.5	52.4	46.7	60.7
	S D	11.649	10.103	9.833	8.065	6.367	5.473	3.761	[illegible]	.7	8.431	10.458	10.325	14.716
	TOTAL OBS	930	846	930	900	930	900	927	929	900	930	900	928	10950
03-05	MEAN	40.0	44.5	51.5	59.0	65.0	71.6	74.6	74.3	69.0	60.9	50.6	45.3	58.9
	S D	11.777	10.283	10.111	8.483	6.482	5.291	2.911	3.117	6.342	8.585	10.578	10.447	14.433
	TOTAL OBS	930	846	930	900	930	900	927	930	900	930	900	930	10953
06-08	MEAN	39.1	43.7	51.1	59.4	66.3	73.2	75.7	74.9	69.5	60.7	50.0	44.3	59.1
	S D	11.636	10.160	10.022	8.204	6.303	5.263	3.555	3.602	6.440	8.493	10.519	10.681	15.071
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	43.9	49.8	57.8	66.4	73.4	81.1	84.4	83.6	77.5	68.8	57.4	50.6	66.3
	S D	12.347	11.159	10.295	7.781	6.402	5.644	4.805	4.831	6.786	8.672	10.470	10.188	16.070
	TOTAL OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954
12-14	MEAN	50.1	56.9	64.1	71.9	78.5	86.5	90.2	89.5	83.0	75.0	63.9	57.6	72.4
	S D	13.770	12.961	11.115	8.152	6.958	6.383	5.433	5.357	7.568	9.236	11.373	10.952	16.192
	TOTAL OBS	928	846	930	900	930	900	930	930	900	930	900	929	10953
15-17	MEAN	52.2	59.6	66.6	74.1	80.0	88.2	91.8	91.2	84.1	76.4	64.6	59.3	74.1
	S D	14.012	13.377	11.257	7.985	7.377	6.867	6.187	5.976	7.589	9.195	11.377	11.115	16.196
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955
18-20	MEAN	46.1	53.4	61.5	69.5	75.6	84.2	87.7	86.2	78.5	69.1	57.3	51.7	68.5
	S D	11.955	11.518	10.373	7.652	7.084	6.586	6.376	6.270	7.208	8.874	10.684	10.720	16.409
	TOTAL OBS	930	846	930	900	930	900	930	927	900	929	900	927	10949
21-23	MEAN	42.6	48.4	55.9	63.4	69.6	77.3	80.9	79.9	73.3	64.4	53.9	48.2	63.2
	S D	11.428	10.244	9.719	7.690	6.398	5.683	4.665	4.796	6.612	8.378	10.639	10.226	15.227
	TOTAL OBS	930	846	930	900	930	898	930	926	900	930	900	927	10947
ALL HOURS	MEAN	44.4	50.3	57.7	65.5	71.9	79.5	82.8	82.1	75.7	67.2	56.3	50.4	65.4
	S D	13.130	12.540	11.711	9.698	8.616	8.455	7.917	7.825	8.840	10.449	11.984	11.703	16.501
	TOTAL OBS	7438	6768	7440	7200	7440	7198	7434	7431	7200	7437	7200	7431	87617

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03902 ROBERT GRAY AAF TX (FORT HOOD) 68-70,73-80

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
00-02	MEAN	37.7	42.1	48.7	56.2	63.0	68.5	70.7	70.3	66.2	57.4	48.1	42.1	56.0
	S D	11.186	9.712	10.017	8.632	6.414	4.848	2.304	2.671	6.305	8.649	10.901	10.473	14.091
	TOTAL OBS	930	846	930	900	930	899	927	929	900	930	900	928	10949
03-05	MEAN	36.9	41.0	47.6	55.3	62.0	67.6	69.9	69.7	65.4	56.6	46.8	41.2	55.1
	S D	11.369	9.952	10.404	9.040	6.696	5.026	2.278	2.772	6.613	8.993	11.032	10.670	14.291
	TOTAL OBS	930	846	930	900	930	900	927	930	900	930	900	929	10952
06-08	MEAN	36.3	40.4	47.2	55.6	62.8	68.6	70.6	70.3	65.8	56.6	46.5	40.6	55.2
	S D	11.387	9.897	10.186	8.774	6.494	4.725	2.364	2.745	6.560	8.983	10.990	10.838	14.698
	TOTAL OBS	930	845	930	900	930	900	930	930	900	930	899	930	10954
09-11	MEAN	39.4	44.2	50.7	58.8	65.9	71.1	72.8	72.9	68.9	60.7	50.7	44.4	58.4
	S D	11.365	9.810	9.324	7.762	5.860	4.114	2.008	2.261	5.814	8.088	10.404	9.985	14.052
	TOTAL OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954
12-14	MEAN	42.7	47.6	53.4	61.0	67.7	72.2	73.5	73.5	70.0	62.5	53.5	47.8	60.5
	S D	11.234	9.745	8.901	7.358	5.825	4.028	2.070	2.290	5.542	7.543	10.255	9.466	13.099
	TOTAL OBS	928	846	930	900	930	900	930	930	900	930	899	929	10952
15-17	MEAN	43.8	48.7	54.3	61.8	68.0	72.4	73.4	73.4	69.9	62.7	53.6	48.2	60.9
	S D	10.986	9.484	8.648	7.089	5.650	3.940	2.114	2.411	5.248	7.223	10.077	9.279	12.708
	TOTAL OBS	930	846	930	900	930	900	929	929	900	930	900	930	10954
18-20	MEAN	40.8	46.0	52.3	60.2	66.6	71.4	72.5	72.1	68.3	60.1	50.5	44.9	58.9
	S D	10.702	9.249	8.939	7.421	5.692	4.008	2.144	2.528	5.498	7.548	10.401	9.658	13.396
	TOTAL OBS	930	846	930	900	930	900	930	927	900	929	900	927	10949
21-23	MEAN	38.8	43.6	50.1	57.8	64.3	69.6	71.2	70.8	66.8	58.1	48.8	42.9	57.0
	S D	10.813	9.373	9.543	8.148	6.023	4.417	2.249	2.580	5.984	8.037	10.762	10.080	13.756
	TOTAL OBS	930	845	930	900	930	898	930	926	900	930	900	927	10946
ALL HOURS	MEAN	39.6	44.2	50.5	58.3	65.0	70.2	71.8	71.6	67.7	59.3	49.8	44.0	57.7
	S D	11.412	10.058	9.829	8.395	6.467	4.723	2.558	2.911	6.207	8.483	10.911	10.415	13.94
	TOTAL OBS	7438	6766	7440	7200	7440	7197	7433	7431	7200	7437	7198	7430	87610

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03902 ROBERT GRAY AAF TX (FORT HOOD) 68-70,73-80

STATION — STATION NAME — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	32.7	36.9	43.8	52.4	60.5	65.7	67.3	67.1	63.5	53.2	43.2	35.9	51.9
	S D	13.247	11.928	12.477	10.916	7.390	5.453	3.253	3.537	7.369	10.759	13.817	13.506	16.073
	TOTAL OBS	930	846	930	900	930	899	927	929	900	930	900	928	10949
03-05	MEAN	32.1	36.3	43.1	52.0	60.0	65.5	67.4	67.4	63.2	52.9	42.4	35.5	51.5
	S D	13.456	12.049	12.845	11.046	7.641	5.565	3.053	3.403	7.542	10.978	13.808	13.546	16.342
	TOTAL OBS	930	846	930	900	930	900	927	930	900	930	900	929	10952
06-08	MEAN	31.7	35.9	42.9	52.1	60.4	66.1	68.0	68.0	63.6	53.2	42.2	35.2	51.7
	S D	13.529	11.965	12.474	10.917	7.586	5.286	3.045	3.268	7.421	10.922	13.642	13.554	16.576
	TOTAL OBS	930	845	930	900	930	900	930	930	900	930	899	930	10954
09-11	MEAN	32.8	37.4	43.5	52.7	61.2	66.1	67.3	67.7	64.2	54.6	43.6	36.5	52.4
	S D	13.899	12.247	12.423	11.228	7.777	5.162	3.267	3.170	7.334	10.856	14.093	13.669	16.254
	TOTAL OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954
12-14	MEAN	33.3	37.4	43.2	52.6	61.3	65.1	65.5	65.9	63.1	53.6	43.3	36.4	51.8
	S D	13.866	12.449	12.524	11.544	8.084	5.309	3.922	3.758	7.486	10.914	14.850	13.713	15.957
	TOTAL OBS	928	846	930	900	930	900	930	930	900	930	899	929	10952
15-17	MEAN	33.4	37.0	42.8	52.6	60.9	64.5	64.6	64.9	62.1	52.8	42.8	35.8	51.3
	S D	13.641	12.233	12.561	11.724	8.088	5.429	4.324	4.317	7.655	10.927	14.796	13.740	15.811
	TOTAL OBS	930	846	930	900	930	900	929	929	900	930	900	930	10954
18-20	MEAN	33.8	37.5	43.3	52.9	61.2	64.9	65.0	65.2	62.6	53.3	43.5	36.3	51.7
	S D	13.123	11.714	12.527	11.385	7.580	5.303	4.324	4.381	7.314	10.195	13.717	13.227	15.493
	TOTAL OBS	930	846	930	900	930	900	930	927	900	929	900	927	10949
21-23	MEAN	33.4	37.6	44.1	53.1	61.0	65.6	66.2	66.1	62.9	53.1	43.2	35.9	51.9
	S D	12.944	11.522	12.149	10.785	7.149	5.275	3.822	3.748	7.262	10.228	13.753	13.308	15.636
	TOTAL OBS	930	845	930	900	930	898	930	926	900	930	900	927	10946
ALL HOURS	MEAN	32.9	37.0	43.3	52.5	60.8	65.4	66.4	66.5	63.2	53.3	43.0	35.9	51.8
	S D	13.478	12.024	12.500	11.197	7.677	5.372	3.848	3.881	7.443	10.734	14.068	13.535	16.024
	TOTAL OBS	7438	6766	7440	7200	7440	7197	7433	7431	7200	7437	7198	7430	87610

USAF ETAC FORM OCT 76 0-89-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS								49.3	33.6	13.7		

USAF ETAC FORM JUL 64 0-8"-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	13-14											
	16-17											
TOTALS						71.0		45.7	29.4	11.0		

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

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%		
	12-14											
	15-17											
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL I)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL I)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

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%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

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%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
										11.1		
TOTALS						67.1						

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

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%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

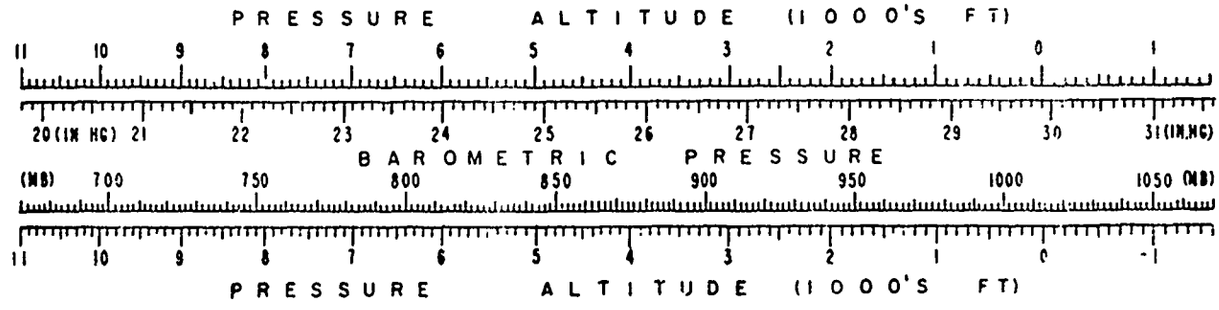
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03902 ROBERT GRAY AAF TX (FORT HOOD) 68-70,73-80

STATION — STATION NAME — YEARS

HRS (LST)		JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
00	MEAN	29.057	29.039	28.921	28.908	28.880	28.910	28.934	28.929	28.940	28.989	29.034	29.030	28.964
	S D	.204	.196	.183	.156	.155	.111	.070	.069	.114	.144	.186	.194	.166
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	307	3648
03	MEAN	29.049	29.025	28.905	28.891	28.862	28.899	28.929	28.923	28.930	28.981	29.025	29.017	28.952
	S D	.207	.197	.184	.156	.156	.110	.071	.069	.116	.145	.186	.197	.167
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
06	MEAN	29.049	29.031	28.919	28.908	28.882	28.917	28.948	28.940	28.945	28.996	29.034	29.018	28.965
	S D	.207	.197	.187	.157	.156	.111	.072	.071	.118	.148	.191	.200	.167
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	29.091	29.072	28.959	28.943	28.916	28.947	28.977	28.971	28.979	29.035	29.073	29.058	29.001
	S D	.207	.202	.190	.160	.158	.110	.073	.072	.120	.150	.196	.203	.170
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.086	29.068	28.948	28.931	28.902	28.936	28.961	28.955	28.965	29.016	29.053	29.045	28.988
	S D	.206	.202	.190	.157	.158	.110	.074	.073	.120	.148	.196	.203	.170
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
15	MEAN	29.015	28.994	28.879	28.874	28.854	28.889	28.909	28.894	28.903	28.953	28.991	28.979	28.927
	S D	.205	.201	.187	.157	.156	.110	.071	.072	.118	.147	.193	.201	.167
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	29.022	28.992	28.867	28.852	28.825	28.857	28.879	28.871	28.894	28.951	28.997	28.988	28.916
	S D	.204	.199	.185	.157	.156	.110	.071	.072	.118	.147	.188	.200	.170
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
21	MEAN	29.052	29.026	28.906	28.891	28.860	28.887	28.907	28.908	28.933	28.986	29.030	29.021	28.950
	S D	.205	.195	.183	.157	.152	.108	.069	.071	.117	.147	.188	.197	.169
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
ALL HOURS	MEAN	29.053	29.031	28.913	28.900	28.873	28.905	28.930	28.924	28.936	28.988	29.030	29.019	28.958
	S D	.207	.200	.188	.159	.158	.113	.077	.077	.120	.149	.192	.200	.170
	TOTAL OBS	2479	2256	2480	2400	2480	2400	2478	2478	2400	2480	2400	2475	29206

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

03902 ROBERT GRAY AAF TX (FORT HOOD) 68-70,73-80

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020.3	1019.4	1014.9	1014.1	1012.9	1013.7	1014.8	1014.6	1014.9	1017.0	1019.0	1019.1	1016.2
	S D	7.427	7.007	6.403	5.567	5.063	3.841	2.401	2.505	3.863	5.188	6.589	6.968	6.005
	TOTAL OBS	310	282	310	300	310	300	309	309	300	310	300	308	3648
03	MEAN	1019.9	1018.8	1014.3	1013.5	1012.2	1013.3	1014.6	1014.4	1014.6	1016.7	1018.6	1018.6	1015.8
	S D	7.498	7.017	6.438	5.634	5.084	3.806	2.431	2.494	3.891	5.206	6.613	7.053	6.044
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
06	MEAN	1020.0	1019.1	1014.8	1014.1	1013.0	1014.0	1015.3	1015.1	1015.1	1017.3	1019.0	1018.7	1016.3
	S D	7.498	7.039	6.511	5.639	5.080	3.874	2.463	2.513	3.954	5.331	6.760	7.183	6.020
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	1021.6	1020.6	1016.3	1015.4	1014.2	1015.0	1016.3	1016.1	1016.3	1018.6	1020.4	1020.2	1017.6
	S D	7.550	7.180	6.612	5.737	5.163	3.823	2.493	2.519	4.054	5.380	6.882	7.244	6.139
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
12	MEAN	1021.3	1020.4	1015.9	1015.0	1013.7	1014.6	1015.8	1015.6	1015.8	1017.9	1019.7	1019.6	1017.1
	S D	7.504	7.196	6.613	5.650	5.143	3.825	2.482	2.583	4.050	5.330	6.947	7.278	6.143
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
15	MEAN	1018.7	1017.7	1013.4	1012.9	1011.9	1012.9	1013.9	1013.5	1013.7	1015.7	1017.5	1017.3	1014.9
	S D	7.466	7.143	6.494	5.597	5.131	3.828	2.501	2.579	3.991	5.284	6.863	7.221	6.011
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	1019.0	1017.7	1013.0	1012.2	1011.0	1011.9	1012.9	1012.6	1013.4	1015.7	1017.8	1017.7	1014.5
	S D	7.474	7.082	6.439	5.599	5.087	3.825	2.548	2.620	4.020	5.323	6.646	7.168	6.175
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
21	MEAN	1020.1	1019.0	1014.4	1013.6	1012.2	1012.9	1013.9	1013.9	1014.8	1016.9	1018.9	1018.8	1015.8
	S D.	7.495	6.949	6.368	5.598	4.962	3.769	2.433	2.594	3.973	5.290	6.648	7.078	6.115
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
ALL HOURS	MEAN	1020.1	1019.1	1014.6	1013.8	1012.6	1013.5	1014.7	1014.5	1014.8	1017.0	1018.8	1018.7	1016.0
	S D	7.533	7.135	6.559	5.704	5.170	3.933	2.680	2.758	4.075	5.368	6.793	7.194	6.154
	TOTAL OBS	2479	2256	2480	2400	2479	2400	2478	2477	2400	2480	2400	2476	29205

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