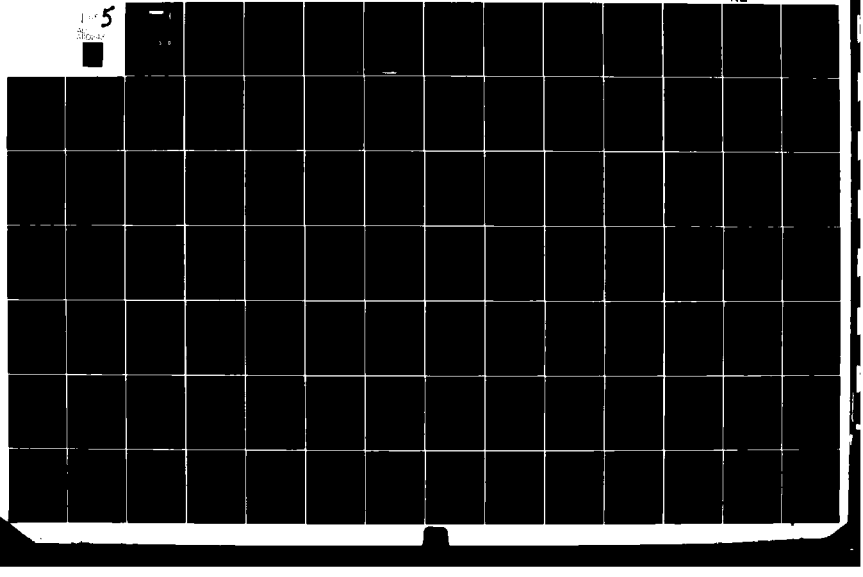
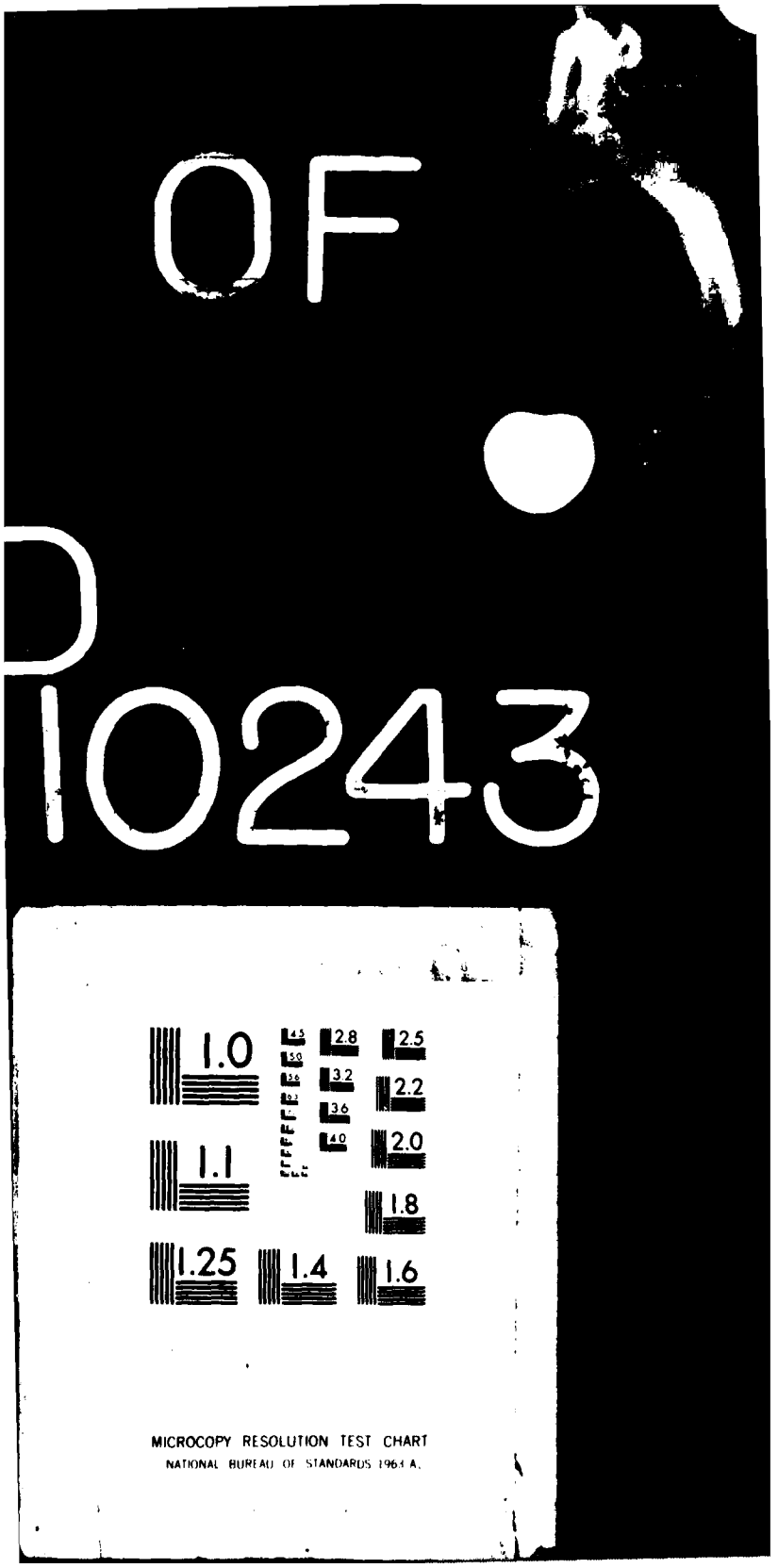
AD-A110 243 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BERGSTROM AFB, AUSTIN, TEXAS REVISED UNIFORM SUMMARY OF SURFACE--ETC(U)
AUG 81

UNCLASSIFIED USAFETAC/DS-81/088 SBI-AD-E850 126 NL




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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A.

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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

BERGSTROM AFB TX WBAN #13904
N 30 12 W 097 40 FLD ELEV 541 FT BSM WMO #

PARTS A-F

POR FROM HOURLY OBS: DEC 68 - JUL 70, AUG 72 - NOV 80

POR FROM DAILY OBS: OCT 42 - FEB 46, OCT 46 - NOV 80

TIME CONVERSION GMT TO LST: -6

AUG 2 1 1981

FEDERAL BUILDING
ASHEVILLE, N. C.

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Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
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USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

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

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AD-E 850 126

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1. REPORT NUMBER: USAFETAC/DS- 81/088	2. GOVT ACCESSION NO.: AD-A110 243
3. RECIPIENT'S CATALOG NUMBER:	
4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Bergstrom AFB, Austin, Texas	5. TYPE OF REPORT & PERIOD COVERED: Final rept.
	6. PERFORMING ORG. REPORT NUMBER:
7. AUTHOR(s):	8. CONTRACT OR GRANT NUMBER(s):
9. PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS:
11. CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225	12. REPORT DATE: 21 AUG 81
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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 Bergstrom AFB, Austin, Texas

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

DD FORM 1 JAN 73 1473

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

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV .
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

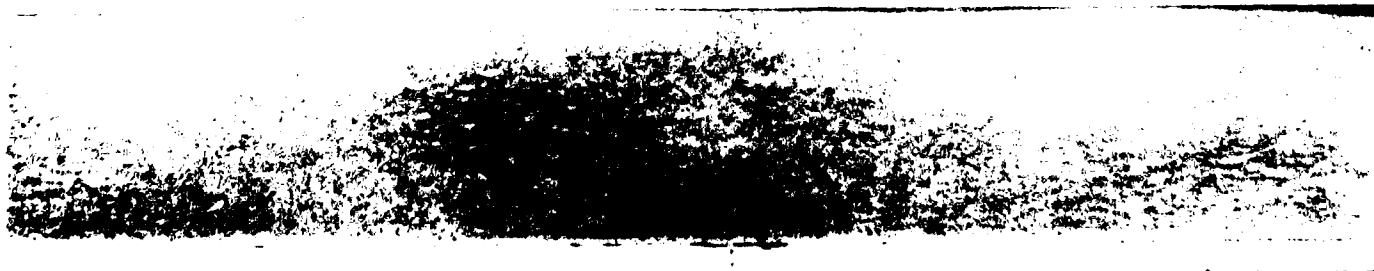
MISSING HOUR GROUPS

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

JANUARY_____ APRIL_____ JULY_____ OCTOBER_____

FEBRUARY_____ MAY_____ AUGUST_____ NOVEMBER_____

MARCH_____ JUNE_____ SEPTEMBER_____ DECEMBER_____



STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
13904	Bergstrom AFB Texas	N 30 12	W 097 40	541	BSM	

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	Bergstrom Field Texas	AAF	Oct 42	Dec 47	N 30 12	W 097 40	504	506	24
2	Bergstrom AFB Texas	AFB	Jan 48	Jun 50	Same	Same	Same	Same	24
3	Same	Same	Jul 50	Feb 54	Same	Same	533	507	24
4	Same	Same	Mar 54	Feb 55	Same	Same	522	Same	24
5	Same	Same	Mar 55	Feb 59	Same	Same	533	Same	24
6	Same	Same	Mar 59	Jul 72	Same	Same	541	Same	24
7	Same	Same	Aug 72	May 81	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS. ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Oct 42 to Dec 47	Not available.	Anemometer	N/A	N/A	
2	Jan 48 to Jun 50	Not available.	Selsyn	ML144	N/A	
3	Jul 50 to Jul 56	Located on top of Control Tower.	Same	Same	65 ft	
4	Mar 59 to Feb 61	Located 50 ft W of midpoint of 35R 17L.	Same	Same	10 ft	
5	Mar 61 to Jul 62	Located 800 ft N of the S end of Rnwy 35R, 500 ft E of Rnwy 35R.	Same	Same	10 ft	
6	Aug 62 to Feb 65	1. Located 800 ft N of S end of 35R, 500 ft E of Rnwy 35R.	Same	Same	20 ft	

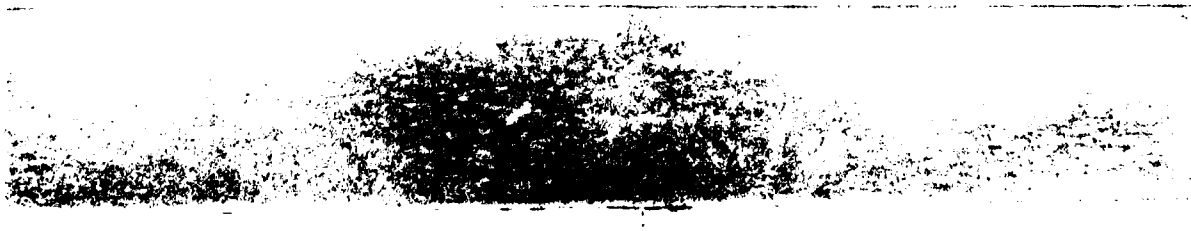
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ABER OF ATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
		2. Located 800 ft W of Rnwy 17R, 1500 ft S of N end of rnwy 17R.	Same		13 ft	
7	Mar 65to Feb 69	1. Same	Same	Same	Same	
		2. Located 107 ft W of Rnwy 17R, 1500 ft S of N end of Rnwy 17R.	Same	Same	Same	
8	Mar 69to Jun 70	1. Located 800 ft N of S end of Rnwy 35L, 1500 ft E of Rnwy 35L.	Same	RO-362	Same	
		2. Located 1502 ft S of N end of Rnwy 17R, 800 ft W of Rnwy 17R.	Same		Same	
9	Jul 70to Jul 72	1. Located 800 ft from center-line, 1710 ft from end of Rnwy 17L	AN/GMQ-20	Same	Same	
		2. Located 500 ft from center-line, 950 ft from end of Rnwy 35R.	Same		Same	
10	Aug 72to May 81	Same	Same	Same	Same	

60-0075



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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

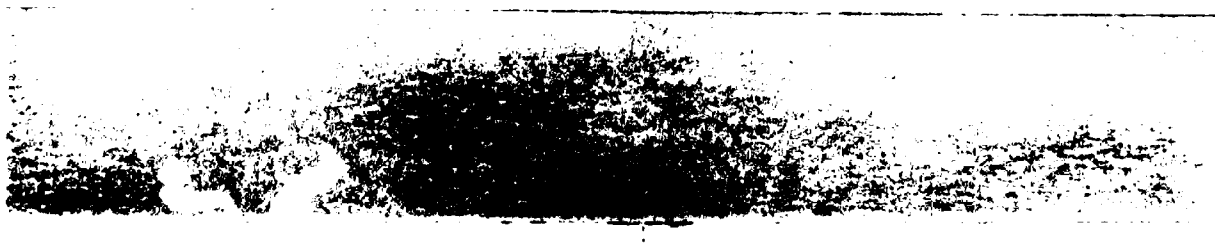
Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse



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

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



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WEATHER CONDITIONS

1 4 | BERGSTROM AFB TX | 69-70,73-80 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.2	12.0	1.6	.6		14.1	18.7	.9			1[illegible].9	930
	03-05	.6	13.1	1.6	.9		15.2	22.7	.8			23.2	930
	06-08	.3	14.0	1.1	.2		15.1	27.3	1.6		.1	28.1	930
	09-11	.4	12.6	.3	1.[illegible]		13.7	25.4	3.1		.2	27.7	930
	12-14		10.8	.2	.5		11.5	15.9	2.6			1[illegible].2	930
	15-17		10.6	.2	.3		11.2	12.6	3.1		.2	15.7	930
	18-20	.3	12.5	.9	.9		14.0	14.1	2.0			16.0	930
	21-23	.6	11.9	1.0	.6		13.2	15.3	1.5		.1	16.7	930
TOTALS		.3	12.2	.9	.6		13.5	19.[illegible]	2.[illegible]		.1	2[illegible].6	744[illegible]

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AT... WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

1... 4 | ...ERGSTROM AFB TX | 69-7..,73-8. | FE...
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.6	11.1	.4			11.6	14.9	.8		.7	1..2	...6
	03-05		14.2	.2	.6		14.7	22.1	.8		.1	22.9	946
	06-08	.7	15.1	.5	.2		15.8	27.5	2.4		.4	29.6	946
	9-11	.8	12.5	.6	.6	.1	13.6	22.2	4.8		.4	26.4	946
	12-14	.7	9.7	.5	.5		1..4	11.6	3.7			14.1	946
	15-17		7.9	.6	.1	.1	8.7	8.2	1.8		.1	1..6	946
	18-20	.1	7.0	.6	.2		7.8	7.7	2.6		.7	1..9	946
	21-23	.5	5.9	.5	.4	.2	6.9	7.2	2.0		.7	9.9	946
TOTALS		.4	10.4	.5	.3	.1	11.2	15.1	2.4		.4	17.5	6768

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WEATHER CONDITIONS

1 4 | BERGSTROM AFB TX | 69-70,73-80 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.7	9.2				9.2	13.2	.4		.5	13.8	930
	03-05	1.2	12.0				12.0	16.0	.5		.5	17.1	930
	06-08	1.5	12.6				12.6	25.1	3.8		1.0	28.9	930
	09-11	.4	10.9		.2		10.9	17.8	4.0		1.1	22.5	930
	12-14	.5	8.1				8.1	8.4	3.5		.4	11.6	930
	15-17	.8	6.3		.1	.2	6.3	5.7	3.2		.3	8.3	930
	18-20	.3	5.2				5.2	6.1	3.3		.8	8.8	930
	21-23	1.6	7.3			.1	7.3	7.4	1.1		.8	8.7	930
TOTALS		1.0	8.9		.0	.0	8.9	12.5	2.5		.7	15.0	7440

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WEATHER CONDITIONS

1 4 | BERGSTROM AFB TX | 69-70,73-80 | APR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	2.4	8.2				8.2	11.6	.1		.6	12.1	900
	03-05	1.9	10.1				10.1	21.4	.3		.3	21.9	900
	06-08	2.9	14.3				14.3	33.0	7.4		.1	37.6	900
	09-11	1.8	9.8				9.8	13.1	8.7		.3	21.2	900
	12-14	1.1	7.1				7.1	6.3	4.4		.1	10.9	900
	15-17	1.7	6.1				6.1	5.7	2.9		.3	8.7	900
	18-20	2.6	4.7				4.7	4.3	2.6		.2	6.9	900
	21-23	2.2	4.9				4.9	5.1	.4		.1	5.7	900
TOTALS		2.1	8.2				8.2	12.6	3.4		.3	15.6	7200

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USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 [illegible] | BERGSTROM AFB TX | 69-7[illegible],73-8[illegible] | MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.9	5.3				5.3	7.4	1.3		.2	8.4	930
	03-05	2.0	6.2				6.2	15.6	2.5			17.1	930
	06-08	2.2	7.0				7.0	35.9	9.6			40.2	930
	9-11	2.3	5.4				5.4	9.2	7.4			14.9	930
	12-14	2.4	4.9			.1	4.9	1.8	5.5			7.0	930
	15-17	3.1	6.2				6.2	1.2	4.9			6.0	930
	18-20	4.7	5.6				5.6	1.7	4.0		.1	5.5	930
	21-23	3.3	4.5				4.5	2.9	1.6			4.0	930
TOTALS		2.7	5.6			.0	5.6	9.5	4.6		.0	12.9	7440

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2

WEATHER CONDITIONS

1 [illegible]4	BERGSTROM AFB TX	69-7[illegible],73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.0	2.8				2.8	2.3	1.1			3.1	900
	03-05	1.9	3.7				3.7	7.1	2.8			8.6	900
	06-08	.8	3.9				3.9	16.9	13.6			24.4	900
	09-11	1.2	3.7				3.7	1.7	3.2			4.8	900
	12-14	1.4	3.6				3.6	.8	1.3			2.1	900
	15-17	1.9	2.8				2.8	.1	.3			.4	900
	18-20	1.6	2.[illegible]				2.[illegible]		.2			.2	900
	21-23	1.6	2.4				2.4	.8	.6			1.3	900
TOTALS		1.6	3.1				3.1	3.7	2.9			5.6	72[illegible]

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2

WEATHER CONDITIONS

1[illegible]4	BERGSTROM AFB TX	69-7[illegible],73-8[illegible]	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02		1.0				1.0	1.4	1.6			2.6	930
	03-05	.4	2.4				2.4	3.9	3.0			6.1	930
	06-08	.2	3.0				3.[illegible]	12.5	8.2			18.0	930
	09-11	.9	3.[illegible]				3.0	1.3	3.8			4.4	930
	12-14	1.2	3.7				3.7	.6	2.6			3.2	930
	15-17	2.0	2.9				2.9	.4	2.0			3.5	930
	18-20	2.2	3.5				3.5	.5	2.0			2.6	927
	21-23	.8	2.[illegible]				2.[illegible]	.6	.6			1.[illegible]	927
TOTALS		1.0	2.7				2.7	2.7	3.0			5.1	7434

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

1[illegible]4	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.3	2.0				2.0	.5	2.3			2.6	930
	03-05	.2	2.5				2.5	4.5	4.4			6.8	930
	06-08	.1	3.3				3.3	20.2	17.2			30.2	930
	09-11	.9	5.3				5.3	4.3	7.1			10.1	930
	12-14	1.8	4.5				4.5	1.1	1.6			2.7	930
	15-17	4.0	4.7				4.7	.3	1.5			1.8	930
	18-20	2.7	2.8				2.8	.2	2.2			2.4	930
	21-23	1.1	1.9			.1	1.9		2.2			2.2	930
TOTALS		1.4	3.4			.0	3.4	3.9	4.8			7.4	7440

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

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WEATHER CONDITIONS

1[illegible]4 (STATION) | EPGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.9	5.0				5.0	4.6	4.6			7.1	900
	03-05	.6	6.3				6.3	11.4	8.3			15.9	900
	06-08	.8	6.4				6.4	3[illegible].3	18.2			38.1	900
	09-11	.2	6.6				6.6	8.2	13.7			19.9	900
	12-14	1.2	6.7				6.7	2.4	5.6			7.7	900
	15-17	2.6	7.0				7.0	1.1	4.2			5.3	900
	18-20	2.8	6.4				6.4	2.2	3.4			5.1	900
	21-23	1.1	4.1				4.1	2.8	1.6			3.8	900
TOTALS		1.3	6.1				6.1	7.9	7.4			12.9	72[illegible].0

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

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

1?? 4	BERGSTROM AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.3	4.6				4.6	6.1	1.4			7.0	930
	03-05	.6	5.5				5.5	13.3	2.6			14.9	930
	06-08	.5	6.2				6.2	24.1	7.4			27.7	930
	09-11	1.2	6.9				6.9	10.0	6.7			15.3	930
	12-14	.8	5.5				5.5	2.6	2.9		.2	5.7	930
	15-17	.4	3.8				3.8	2.0	2.2			4.2	930
	18-20	1.4	5.7				5.7	2.2	.9			2.9	930
	21-23	1.3	5.7				5.7	2.4	.5			2.9	930
TOTALS		.9	5.5				5.5	7.8	3.1		.0	10.1	7440

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

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AI[illegible] WEATHER SERVICE/MAC

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WEATHER CONDITIONS

1[illegible]4	BERGSTROM AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	1.1	8.4		.6		8.4	8.9	1.4			10.3	900
	03-05	1.7	9.3	.1	.4		9.6	15.6	1.9			16.6	900
	06-08	.7	8.8	.3	.4		9.1	23.7	4.3			25.6	900
	09-11	.2	8.4			.2	8.7	14.1	4.7			17.8	900
	12-14	.1	6.3			.1	6.4	5.3	2.1			7.1	900
	15-17	.1	6.8				6.8	4.8	2.[illegible]			6.2	900
	18-20	1.1	6.8		.2		6.8	4.6	1.2		.3	5.7	897
	21-23	.8	7.6		.4		7.6	4.8	.9			5.6	897
TOTALS		.8	7.8	.1	.3	.0	7.9	10.2	2.3		.0	11.9	7194

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



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WEATHER CONDITIONS

1[illegible]4	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.4	8.7	.1			8.8	13.3	.8		.3	13.8	930
	03-05	.5	10.0	.3	.4		10.5	16.2	.5		.3	16.8	930
	06-08	.1	10.8	.3			11.1	22.6	2.4			22.7	930
	09-11	.3	9.9			.1	9.9	19.7	3.7		.3	22.4	930
	12-14	.2	8.1				8.1	11.2	3.1			13.1	930
	15-17		7.0	.3			7.3	9.6	2.4			11.1	930
	18-20	.1	6.2	.2			6.5	9.6	1.3			10.1	930
	21-23	.2	7.2	.8			8.0	11.0	.1		.1	11.1	930
TOTALS		.2	8.5	.3	.1	.0	8.8	14.1	1.8		.1	15.1	7440

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

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WEATHER CONDITIONS

1 [illegible] | BERGSTROM AFB TX | 68-70,72-80 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.3	12.2	.9	.6		13.5	19.0	2.0		.1	20.6	7440
FEB		.4	10.4	.5	.3	.1	11.2	15.1	2.4		.4	17.5	6768
MAR		1.0	8.9		.0	.0	8.9	12.5	2.5		.7	15.0	7440
APR		2.1	8.2				8.2	12.6	3.4		.3	15.6	7200
MAY		2.7	5.6			.0	5.6	9.5	4.6		.0	12.9	7440
JUN		1.6	3.1				3.1	3.7	2.9			5.6	7200
JUL		1.0	2.7				2.7	2.7	3..			5.1	7434
AUG		1.4	3.4			.0	3.4	3.9	4.8			7.4	7440
SEP		1.3	6.1				6.1	7.9	7.4			12.9	7200
OCT		.9	5.5				5.5	7.8	3.1		.0	10.1	7440
NOV		.8	7.8	.1	.3	.0	7.9	10.2	2.3		.0	11.9	7194
DEC		.2	8.5	.3	.1	.0	8.8	14.1	1.8		.1	15.1	7440
TOTALS		1.1	6.9	.2	.1	.0	7.1	9.9	3.4		.1	12.5	87636

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



PART A ATMOSPHERIC PHENOMENA

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

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

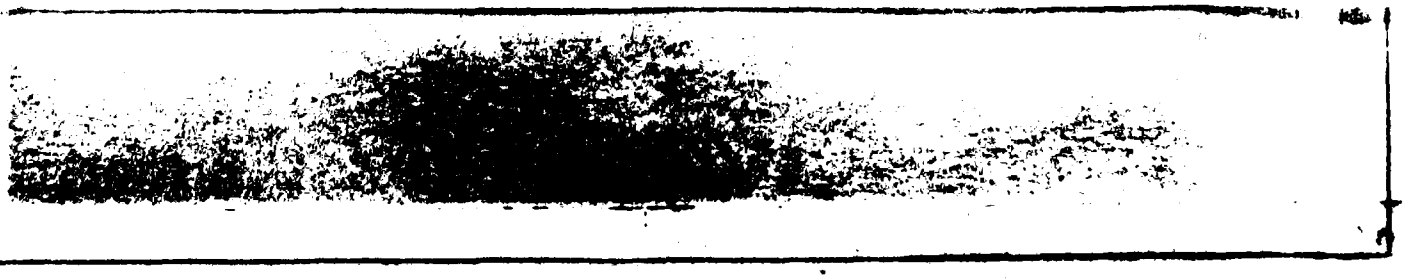
A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

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

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

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

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



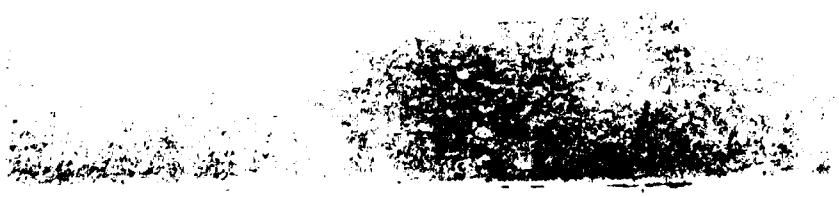
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

1[illegible]4 (STATION) BERGSTROM AFB TX (STATION NAME) 42-8[illegible] (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.4	40.6	3.9	3.4	.2	38.6	37.5	8.2	.1		39.3	1164
FEB		5.3	38.3	2.3	2.8	.3	36.7	36.0	8.2	.1	.3	38.2	1043
MAR		8.8	40.6	.2	.6	1.2	37.9	32.3	9.5		.4	35.6	1139
APR		15.9	42.6		.1	.5	39.0	35.1	13.9		.2	38.6	1073
MAY		19.0	40.4			1.1	37.2	32.0	15.3		.2	36.5	1111
JUN		14.1	25.8			.2	23.6	19.7	12.9		.1	24.5	1080
JUL		11.8	23.2			.1	21.3	10.1	6.7			13.2	1119
AUG		14.5	24.7			.3	22.7	14.2	11.9			19.6	1116
SEP		14.9	33.4	.1		.3	30.7	29.2	15.6			33.4	1077
OCT		7.8	26.7	.1		.3	24.3	27.9	11.4			30.7	1161
NOV		5.0	31.8	.4	1.1	.2	28.7	30.9	9.8		.1	33.5	1127
DEC		3.4	36.7	.8	.6	.1	32.7	31.7	8.6		.1	33.7	1119
TOTALS		10.3	33.7	.6	.7	.4	31.1	28.0	11.0	.0	.1	31.4	13322



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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

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

Continued on Reverse Side

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



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

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

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

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

2 GLOBAL CLIMATOLOGY BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 42-80 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	56.1	18.0	3.3	7.3	3.3	4.7	3.5	2.5	1.0	.1				25.8	1165	1.96	7.62	.02
FEB	56.9	16.5	2.9	7.1	4.2	4.2	3.3	2.4	2.3	.2				26.6	1054	2.34	7.34	.09
MAR	55.3	23.2	3.3	5.1	2.9	3.0	3.1	2.8	1.3	.1				21.5	1146	1.94	5.91	.05
APR	57.1	18.6	2.6	4.8	2.5	4.8	3.0	3.3	2.9	.4				24.3	1080	3.06	12.18	.21
MAY	57.0	17.1	3.5	4.7	2.7	3.2	3.3	4.1	3.6	.7	.1			25.9	1116	4.10	13.69	.28
JUN	71.9	9.5	1.5	3.4	2.1	3.6	2.9	2.0	2.5	.6				18.6	1080	2.80	9.60	TRACE
JUL	74.8	10.7	1.6	2.6	1.7	3.5	2.2	2.1	.6	.3				14.5	1115	1.48	9.77	.02
AUG	73.7	9.4	1.5	3.0	1.8	3.7	2.4	2.6	1.3	.4	.1			16.8	1116	2.29	8.91	TRACE
SEP	65.0	10.6	1.7	4.6	2.8	4.4	3.7	3.6	3.1	.6				24.4	1080	3.69	8.82	.11
OCT	70.9	10.0	2.3	3.4	1.3	3.9	2.5	2.6	2.3	.8				19.1	1173	3.07	13.08	.00
NOV	65.3	13.9	2.8	4.4	2.9	3.2	2.7	3.3	1.6	.2	.1			21.1	1127	2.42	12.49	TRACE
DEC	60.9	16.4	2.8	5.0	3.5	4.7	2.6	2.5	1.2	.4				22.6	1113	2.15	5.83	.01
ANNUAL	63.7	14.5	2.5	4.6	2.6	3.9	2.9	2.8	2.0	.4	.0			21.8	13365	31.30		

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

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...WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

... STATION ... BERGSTROM AFB TX STATION NAME ... YEARS

PRECIP AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42										* .71	.62*	* .19	
43	.31	.24	1.96	.34	.94	.36	.89	.38	1.99	.38	.70	.36	1.99
44	1.69	.34	.63	.15	1.46	1.64	.26	1.49	2.46	.23	1.81	2.26	2.46
45	1.63	1.19	1.07	1.08	.57	2.49	1.35	1.23	.66	1.63	.49	1.34	2.49
46	.97*	.29								.60*	.86		
47	* .61	.28*	1.19							* TRACE			
48	.06	.55	.25	.67	2.27	.63	.38	.19	.51	1.65	.32	.28	2.27
49	1.19	1.51	1.04	2.04	.19	1.28	.67	.65	2.14	1.62	.11	.76	3.14
50	* .79	1.36	.67	2.38	1.52	1.20	.26	.35	1.98	.44	.07	.01	2.38
51	.61	1.28	2.26	.18	1.62	4.95	.22	1.18	1.14	.25	.39	.30	4.95
52	.44	1.55	.87	1.13	2.17	.53	.73	.16	1.98	.53	3.04	1.15	3.04
53	1.61	1.05	1.51	1.34	.55	2.13	.31	2.66	1.24	2.62	.44	4.81	4.81
54	.33	.78	.16	1.00	.90	.28	.15	.27	1.19	.92	.12	.3	1.19
55	.85	1.75	.32	.32	1.09	.59	.55	.36	1.26	.20	.81	.36	1.75
56	.99	1.94	.43	.69	3.23	.05	.06	.65	.07	.40	.32	1.66	3.23
57	.13	.99	2.01	3.41	2.86	1.53	.49	TRACE	3.41	3.36	1.91	.94	3.41
58	1.32	3.90	.70	.53	1.49	.62	1.19	.12	3.16	1.44	.83	.34	3.90
59	.05	1.19	.26	2.26	1.07	2.58	1.00	1.82	2.34	4.23	.67	1.05	4.23
60	.29	1.13	.77	.73	.45	3.49	.95	1.11	.64	4.30	.76	.61	4.30
61	.70	2.21	.50	.09	1.21	3.24	3.96	.26	2.27	.35	.94	.29	3.96
62	.16	.45	.62	1.10	1.11	1.17	.16	2.71	3.64	2.67	.86	1.49	3.64
63	.43	2.11	.30	2.16	.10	1.62	.20	.90	.54	.40	.55	.57	2.16
64	1.39	.60	1.10	.92	.63	4.32	.13	.57	3.78	3.63	2.05	.85	4.32
65	4.77	2.23	.50	1.35	3.32	.84	.31	1.12	4.56	1.45	1.29	2.90	4.77
66	.28	.91	.73	1.35	1.16	.86	.56	5.93	1.13	.24	.09	.87	5.93
67	.14	.49	.45	1.12	2.72	TRACE	.34	.75	1.52	2.21	2.12	1.32	2.72
68	1.74	.55	.85	.73	1.95	1.51	.85	.26	1.65	.13	2.28	.68	2.28
69	.20	1.16	1.32	4.50	1.62	1.33	.13	3.45	.83	1.39	2.30	2.60	4.50
70	1.24	1.42	2.48	1.40	3.06	.14	.64	.12	.98	.81	TRACE	.51	3.06
71	.01	.90	.97	.99	.74	.52	.31	2.99	1.65	.84	1.03	1.56	2.99
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1 [illegible] 4 STATION — BERGSTROM AFB TX STATION NAME — 42-80 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
73	.98	.14	.12	1.04	1.48	1.83*	1.13	.76	.77	1.76	1.20	.19	1.83
74	.99	.67	.91	1.29	.55	1.32	1.96	1.48	2.3[illegible]	4.05	.42	.48	4.05
74	1.14	.04	1.08	.86	8.53	.24	.50	1.60	.91	1.33	8.70	1.07	8.70
75	.54	1.61	.28	3.47	3.75	2.00	1.16	1.31	.84	1.93	.21	1.48	3.75
76	.44	.15	2.07	2.71	2.03	.54	.69	.14	2.28	1.70	.84	.89	2.71
77	.62	1.85	.85	1.81	.88	.85	.07	.09	.97	1.04	1.23	.17	1.85
78	.45	.79	.73	1.21	.98	1.71	.34	.89	1.24	.83	3.74	3.26	3.74
79	.83	1.42	.91	1.51	2.64	.49	3.11	.68	.85	.43	.48	1.66	3.11
80	.57	.55	2.55	1.75	1.75	.81	.00	.74	1.32	.62	1.74		
MEAN	.834	1.108	.938	1.373	1.731	1.386	.709	1.094	1.686	1.389	1.232	1.135	3.494
S.D.	.845	.793	.673	.982	1.499	1.169	.832	1.198	1.072	1.231	1.536	1.011	1.4[illegible]
TOTAL OBS.	1165	1054	1146	1093	1116	1080	1113	1116	1128	1173	1127	1113	13365

NOTE * (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

4 4 STATION | BERGSTROM AFB TX STATION NAME | 42-8[illegible] YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42										* 1.[illegible]	.6[illegible]*	.17	
43	.43	.28	1.86	.34	3.33	.9[illegible]	2.11	.66	4.93	.7[illegible]	1.71	1.33	1[illegible].54
44	4.43	1.76	2.77	.21	6.61	2.13	.58	3.47	4.45	.45	5.32	3.7[illegible]	3[illegible].[illegible]
45	2.41	2.67	2.82	3.64	1.10	5.49	1.99	2.26	1.31	3.[illegible]4	.93	2.[illegible]9	[illegible]7.75
46	3.41*	.56								.6[illegible]	* 1.44		
47	* 1.08	.28*	2.35							* TRACE			
48	.15	1.57	1.03	1.20	5.00	1.00	.61	.28	.5[illegible]	1.24	.99	.7[illegible]	13.[illegible]7
49	4.29	1.71	1.44	5.31	.28	3.39	2.41	1.58	7.28	3.76	.[illegible]2	7.11	3[illegible].59
50	* .47	3.43	.76	6.28	4.26	2.49	.76	.43	5.[illegible]9	.44	.[illegible]	.21	* 5.[illegible]3
51	.65	2.83	5.46	.62	4.02	5.19	.[illegible]	1.38	4.6[illegible]	.42	.58	.[illegible]	2[illegible].37
52	.82	2.09	2.88	4.39	4.75	1.06	1.51	.16	4.34	.[illegible]	5.61	3.1[illegible]	31.41
53	2.16	2.28	2.57	3.17	1.61	2.17	.55	3.9[illegible]	2.7[illegible]	5.[illegible]	.57	5.43	33.42
54	.59	.15	.25	2.[illegible]0	1.85	.38	.36	.6[illegible]	1.6[illegible]	1.58	.2[illegible]	.34	9.98
55	1.32	4.15	.46	.59	3.79	1.83	.86	.9[illegible]	1.8[illegible]	.33	1.49	.[illegible]6	[illegible].91
56	1.85	2.44	.53	.77	4.53	.16	.14	1.[illegible]9	.11	.64	1.[illegible]	2.34	15.65
57	.51	2.72	4.25	12.18	5.92	4.81	.80	TRACE	8.8[illegible]	9.[illegible]0	5.11	1.55	[illegible]5.74
58	3.72	7.34	1.87	2.[illegible]7	4.15	1.[illegible]6	1.66	.3[illegible]	9.8[illegible]	5.[illegible]	1.19	.7[illegible]	[illegible].11
59	.24	2.98	.11	4.86	2.1[illegible]	6.52	2.58	5.56	3.33	6.94	1.35	2.11	3[illegible].6[illegible]
60	1.01	2.40	1.25	1.65	.98	6.28	2.36	2.88	.95	13.[illegible]8	1.96	3.74	[illegible].54
61	1.8[illegible]	3.41	.65	.24	1.76	9.60	5.82	.45	4.40	1.18	2.25	.97	[illegible].53
62	.69	.73	.73	2.34	1.12	4.13	.16	3.71	6.31	4.46	1.63	3.52	[illegible].77
63	.69	2.59	.62	2.2[illegible]	.32	2.24	.21	1.30	1.66	.73	1.7[illegible]	1.62	[illegible].[illegible]
64	2.49	1.82	1.98	1.33	1.03	6.99	.25	1.19	6.41	3.74	2.56	.9[illegible]	31.17
65	5.87	5.16	1.30	2.81	13.69	.89	.45	2.91	6.0[illegible]	3.43	2.45	5.14	[illegible].12
66	1.29	2.91	1.61	3.43	4.29	1.27	.73	8.91	4.27	.57	.11	1.57	3[illegible].96
67	.22	1.09	1.01	2.74	4.84	TRACE	.52	1.56	6.5[illegible]	5.26	3.6[illegible]	3.23	3[illegible].59
68	7.62	1.51	2.03	2.57	6.76	4.60	1.18	.34	3.54	.37	6.[illegible]1	1.14	37.67
69	.71	3.85	3.80	7.88	4.76	3.55	.19	7.[illegible]4	1.64	3.3[illegible]	2.94	4.3[illegible]	44.94
70	2.[illegible]8	4.20	3.68	2.46	6.12	.15	1.18	.25	3.96	2.84	TRACE	.[illegible]6	[illegible].[illegible]
71	.[illegible]3	.95	1.[illegible]5	1.29	1.3[illegible]	1.23	.65	7.32	3.89	3.[illegible]6	2.82	4.[illegible]7	[illegible].[illegible]
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[redacted]

[redacted] CLIMATOLOGY BRANCH
[redacted] AFETAC
[redacted] WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

1 > 4 STATION | BERGSTROM AFB TX STATION NAME | 42-80 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	1.89	.35	.05	1.80	5.33	2.25	* 2.54	2.19	1.95	2.72	3.84	.52	*25.43
73	3.53	2.53	3.26	3.31	.83	5.93	3.73	2.08	5.48	10.40	.79	.62	42.49
74	3.86	.09	1.35	1.64	10.48	.30	.87	7.79	2.02	3.24	12.49	2.34	46.47
75	1.12	2.89	.68	4.35	8.19	4.90	2.15	4.19	1.31	3.46	.48	2.25	35.97
76	.76	.22	5.91	7.97	7.39	.85	3.76	.31	3.35	6.99	2.71	2.30	42.51
77	2.18	3.31	2.02	5.07	1.04	1.79	.07	.10	1.66	1.62	2.23	.33	21.42
78	1.30	2.19	1.01	1.61	2.80	2.78	.55	2.52	4.77	1.22	6.94	3.79	31.48
79	2.48	3.95	3.79	3.36	4.88	1.54	9.77	1.21	1.97	.43	.80	4.03	36.21
80	1.63	1.66	3.04	2.39	6.53	.84	.08	1.54	4.14	.75	3.01		
MEAN	1.964	2.338	1.942	3.065	4.104	2.799	1.475	2.289	3.694	3.774	2.418	2.150	31.906
S.D.	1.709	1.538	1.474	2.494	2.969	2.358	1.924	2.428	2.177	3.077	2.526	1.544	10.687
TOTAL OBS.	1165	1054	1146	1080	1116	1080	1115	1116	1080	1173	1127	1113	13365

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 42-80 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	96.1	3.0	.3	.4	.2			.1						.9	1073	.4	5.5	.0
FEB	96.9	2.3	.1	.2	.3	.1	.1							.8	969	.5	5.0	.0
MAR	99.2	.7		.1										.1	1051	TRACE	.6	.0
APR	99.9	.1													990	TRACE	TRACE	.0
MAY	100.0														1023	.0	.0	.0
JUN	100.0														990	.0	.0	.0
JUL	100.0														1022	.0	.0	.0
AUG	100.0														1023	.0	.0	.0
SEP	100.0														990	.0	.0	.0
OCT	100.0														1065	.0	.0	.0
NOV	98.8	.8	.1	.2	.1									.4	1007	.1	2.0	.0
DEC	99.3	.7													992	TRACE	TRACE	.0
ANNUAL	99.2	.6	.0	.1	.0	.0	.0	.0						.2	12195	1.0		

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

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

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible] BERGSTROM AFB TX 42-[illegible]
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	TRACE	* .0								* .0	* .0		
47	* .1	.0	* .0							* .1			
48	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
49	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
50	TRACE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
51	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
53	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.0	.0	2.0
56	TRACE	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
58	.1	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
59	TRACE	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	.1	TRACE	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	TRACE
61	.1	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
64	TRACE	2.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1
65	.1	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
66	TRACE	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
67	TRACE	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
68	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	TRACE
69	.1	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	.0	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[redacted] STATION | BERGSTROM AFB TX STATION NAME | 42-80 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	1.2	.0	.3	TRACE	.3	.0*	.0	.0	.0	.3	.3	TRACE	1.2
73	1.8	2.1	.3	.0	.3	.3	.3	.0	.0	.3	.3	.0	2.1
74	.3	.3	.3	.0	.0	.1	.3	.0	.3	.3	.0	.3	.3
75	.4	TRACE	.3	.0	.3	.4	.3	.0	.3	.3	.0	TRACE	.4
76	.1	.0	.3	.0	.0	.3	.0	.0	.0	.3	.3	.1	.3
77	TRACE	TRACE	.3	.0	.0	.3	.0	.0	.0	.0	.0	.0	TRACE
78	TRACE	TRACE	TRACE	.3	.0	.3	.3	.0	.0	.0	.3	TRACE	TRACE
79	.8	TRACE	.3	.3	.3	.3	.3	.0	.0	.0	TRACE	.3	.8
80	TRACE	TRACE	.0	.3	.0	.0	.0	.0	.0	.3	1.4		
MEAN	.3	.40	.02	TRACE	.00	.03	.0	.0	.0	.1	.11	TRACE	.79
S.D.	1.009	.936	.104	.000	.000	.000	.000	.000	.000	.00	.423	.000	1.355
TOTAL OBS.	1073	969	1051	993	1023	993	1022	1023	993	1065	1007	993	12195

NOTE * (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 42-81 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	TRACE	* .0								.0	* .0		
47	* .0	.0	* .0							* .0			
48	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
49	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
50	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
51	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	2.0
56	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
58	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
59	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
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	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
64	TRACE	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1
65	.0	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
66	TRACE	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
67	TRACE	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
68	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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



...L CLIMATOLOGY BRANCH
...AFETAC
AI... WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

1...4 (STATION) BERGSTROM AFB TX (STATION NAME) 42-80 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	1.2	.0	.	TRACE	.0	.0	.0	.	.	.	.0	TRACE	* 1.2
73	4.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6
74	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
75	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.3
77	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	TRACE
78	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
79	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.9
80	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.9		
MEAN	.40	.46	.02	TRACE	.00	.00	.00	.00	.00	.00	.13	TRACE	1.00
S.D.	1.195	1.180	.104	.000	.000	.000	.000	.000	.000	.000	.473	.000	1.635
TOTAL OBS.	1073	969	1051	993	1023	993	1022	1023	993	1065	1007	993	12195

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)

13904 — STATION
BERGSTROM AFB TX — STATION NAME
42-80 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	97.6	1.6	.3	.3	.1	.2								.8	1178			
FEB	99.0	.6	.3			.2								.5	1054			
MAR	99.9	.1													1145			
APR	100.0														1096			
MAY	100.0														1116			
JUN	100.0														1080			
JUL	100.0														1115			
AUG	100.0														1116			
SEP	100.0														1080			
OCT	100.0														1161			
NOV	99.8	.2													1132			
DEC	99.8	.2													1153			
ANNUAL	99.7	.2	.0	.0	.0	.0								.1	13426			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1254 (STATION) BERGSTROM AFB TX (STATION NAME) 42-69 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42										*			
43													
44													
45													
46		*									*	*	
47		*	*	*								*	
48	TRACE		TRACE	*									TRACE
49													
50													
51	TRACE	TRACE											TRACE
52													
53													
54	TRACE												TRACE
55													
56													
57													
58													
59													
60													
61	TRACE												TRACE
62	TRACE												TRACE
63	TRACE	TRACE										TRACE	TRACE
64													
65													
66													
67													
68													
69													
70													
71													
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1 [illegible] 4 STATION | BERGSTROM AFB TX STATION NAME | 42-80 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	1	0	1	0	1	0	0*	1	0	1	1	0	1
73	2	1	1	0	0	1	0	1	0	1	1	0	1
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
76	1	0	1	0	0	0	1	0	0	0	TRACE	0	TRACE
77	1	0	0	0	0	0	1	0	0	0	0	0	1
78	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
79	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
80	0	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE
MEAN	.4	.3	TRACE	.1	.1	.0	.0	.0	.0	.0	TRACE	TRACE	.3
S.D.	1.282	1.069	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.579
TOTAL OBS.	1178	1054	1149	1096	1116	1080	1119	1116	1081	1161	1132	1153	13426

NOTE * (BASED ON LESS THAN FULL MONTHS)

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



2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 42-80 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	97.8	1.6	.3	.3		.1								.6	1085			
FEB	98.9	.6	.3			.2								.5	969			
MAR	99.9	.1													1052			
APR	100.0														1007			
MAY	100.0														1023			
JUN	100.0														990			
JUL	100.0														1022			
AUG	100.0														1023			
SEP	100.0														990			
OCT	100.0														1053			
NOV	99.8	.2													1012			
DEC	99.8	.2													1029			
ANNUAL	99.7	.2	.0	.0		.0								.1	12255			

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

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

... 4 STATION ... STATION NAME ... YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46		*											
47		*	*	*									
48	TRACE		TRACE	*									TRACE
49													
50													
51	TRACE	TRACE											TRACE
52													
53													
54	TRACE												TRACE
55													
56													
57													
58													
59													
60													
61	TRACE												TRACE
62	TRACE												TRACE
63	TRACE	TRACE										TRACE	TRACE
64													
65													
66													
67													
68													
69													
70													
71													
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

...L CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1 ... 4 — STATION
BERGSTROM AFB TX — STATION NAME
42-72 — YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
7...		1											
73													
74													
75	TRACE												TRACE
76											TRACE		TRACE
77													
78	TRACE												TRACE
79	TRACE	TRACE											TRACE
8...											TRACE		
MEAN	316.2	333.7	333.3	342.9	333.3	333.3	342.9	333.3	333.3	333.3	432.4	444.4	364.3
S.D.	93.491	81.122	81.224	36.115	81.224	81.224	36.115	81.224	81.224	81.224	55.270	74.611	67.060
TOTAL OBS.	117	1054	1143	1056	1116	1083	1115	1116	1083	1161	1132	1153	13426

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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



GLOBAL CLIMATOLOGY BRANCH
...SETAC
AI... WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

...24 STATION DEPOSTROM AFB, IA STATION NAME 46-66 YEARS

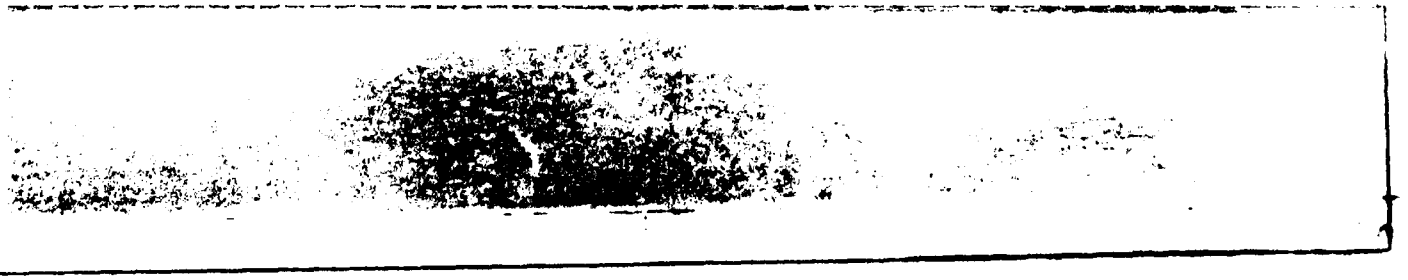
DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46		SSE*31								NNE*33	S *30		
47	NW *26	N *44	C *37										
48	N 43	WNW*44	WSW 43	SSE 37	NNW 42	SSE 36	ESE 38	S 28	SSE 35	NNE 38	NNW*43		
49	SSW 34			NNE*38	WNW 36	WNW 69	NE 42	N 57	SE 35	NNE 44	S 39	SSE 33	
50	NNW 34	SSE 34	WNW 42	SSE*43	NW *42	N *37	SE *29			NNE*23	NNE 43	N 43	
51	NNW 42	WNW 45	SSW*48	N 39	SW 58	NNE 36	ENE 37	SSW 42	SSE 33	NNE 33	NNW 39	NNW*35	SW 57
52	N *33	W 46	SSE*56	NNW 39	S 38	NE 41	S 35	S 33	N 39	NE 35	NW 42	W 33	SSE*56
53	WNW 63	N 37	SSW 63	SSE 41	W 36	ESE 44	SSW 35	SSW 34	SSE 49	S 30	N 36	SSW 55	WNW 63
54	NNE 43	NNW 47	SSE 38	SSW 35	NNE 35	SSE 41	SSE 37	SE 47	S 37	NNW 31	S 35	SSW 42	NNW 47
55	NW 33	NNW 37	NNE 43	SSE 37	N 51	NNE 43	SSE 36	ENE 35	NE 30	SSW 37	NNE 37	NE 36	N 51
56	SW 34	SW 51	NW 41	NNW 38	NNE 46	SSE 38	SSW 35	W 30	S 28	N 30	N 36	SW 30	SW 51
57	NNE 36	W 29	W 50	NNW 41	WNW 29	WSW 26	SW 22	SSE 26	E 32	W *31	NW *19	N 34	W 50
58	NNW 31	WNW 42	NW 37	WNW 31	SW 24	NNW 31	SSW 30	WSW 26	NNE 55	NE 23	N *30	NNW*37	NNE 55
59			S *42	S 34	E *36	SE *34	N *40	SE *36	NNW 27	W *36	SSE*39		
60	NW *43	NNW*38	NNE 26	N 31	W *40	NE 29	NNW*26	SE 34	NNW 31	S 36	S *29	NNW*33	W *48
61	NW *34	N *30	W *34	NNW*42	WNW*52	S *28	S *39	NNE*38	N *35	NNW*30	W *34	NNW*32	WNW*52
62	N *43	N *33	NE 39	WNW*39	NNW 62	NW *33	S *33	SSE*23	SE *26	N *34	NE *29	N 38	NNW 52
63	N *34	N *41	SSE*31	S 39	NNW*37	SE 36	SE 35	SE *29	SE *29	NW 26	S 30	N 27	N *41
64	NNW 34	NNW 33	NW 39	N 36	N 42	S 37	WSW 35	ENE 38	ENE 36	N 33	NNW 37	E 47	E 47
65	N 37	NNW 36	NW 46	S 32	NW 68	SE 30	SE 24	WNW 49	SE 32	ENE 28	NNW 26	NW 36	NW 68
66	S 34	SSE 31	NNW*37	E *32	N 35	N 40	SSE 27	W 35	NE *41	NNE 32	N 38	N 42	N 42
67	S 33	N 41	S 39	SSE 44	E 31	E 31	SSW 39	E 33	N *34	NW 35	N *34	N 27	SSE 44
68	N 31	NNW 35	NNW 32	SSE 40	NW 32	WNW 39	16/ 28	13/ 26	1/ 36	1/ 20	34/ 31	28/ 42	28/ 42
69	1/ 36	14/ 31	27/ 36	33/ 32	35/ 38	13/ 29	12/ 38	12* 21		1* 21	1/ 32	33/ 31	
70	30/ 36	1/ 32	31/ 48	33/ 34	31/ 38	25/ 35	15/ 28	8/ 27	16/ 27	34/ 37	2/ 36	15/ 42	31/ 48
71	1/ 33	29/ 45	34/ 39	2/ 32	20/ 32	14/ 40	15/ 33	20/ 28	15/ 36	2/ 34	31/ 32	31/ 38	29/ 45
72	36/ 34	2/ 32	1/ 36	12/ 46	1/ 35	1/ 27	7/ 32	16/ 34	2/ 40	16/ 34	30/ 39	34/ 34	12/ 46
73	29/ 46	28/ 38	19/114	15/ 35	2/ 34	3/ 37	15/ 33	14/ 29	35/ 36	31/ 35	3./ 46	30/ 39	19/114
74	36/ 28	30/ 42	1/ 31	16/ 34	14/ 49	20/ 35	19/ 39	21/ 33	1/ 23	1/ 32	16/ 34	34/ 28	14/ 49
75	36/ 33	21/ 31	1/ 29	17/ 39	33/ 45	10/ 33	15/ 27	11/ 27	12/ 31	19/ 28	1/ 35	16/ 35	33/ 45
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

$ (BASED ON LESS THAN FULL MONTHS AND ... KNOTS)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WIND

(FROM DAILY OBSERVATIONS)

1 4 — STATION
REESE AFB TX — STATION NAME
46-80 — YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	36/ 41	35/ 39	27/ 44	31/ 32	33/ 34	36* 25	19/ 29	28/ 36	32/ 44	19/ 30	2/ 34	1/ 31	27/ 44
77	32/ 40	29/ 40	26/ 32	5/ 44	31/ 32	22/ 34	16/ 19	17/ 24	33/ 43	2/ 36	16/ 34	2/ 31	33/ 44
78	32/ 45	24/ 43	33/ 32	16/ 26	36/ 32	34/ 31	33/ 26	12/ 36	32/ 28	3/ 26	35/ 28	33/ 29	32/ 45
79	33/ 41	1/ 38	33/ 33	20/ 29	1/ 30	15/ 24	3/ 30	13/ 28	2/ 24	34/ 28	30/ 30	22/ 32	33/ 41
80	30/ 31	1/ 33	36/ 28	34/ 34	31/ 41	21/ 23	3/ 27	16/ 31	11/ 32	36/ 28	3/ 32		
MEAN	35.1	38.0	41.8	36.1	39.3	35.5	32.2	34.2	35.3	31.9	34.3	36.0	53.1
S.D.	6.759	5.879	16.721	4.862	10.867	8.623	5.716	7.751	7.397	4.672	4.715	6.795	17.727
TOTAL OBS.	975	856	938	935	986	957	961	949	887	958	968	921	11291

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)

13754 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	5.8	5.3	7.5	1.3	.1						21.8	9.5
NNE	1.2	1.1	3.9	2.5	.1							8.7	8.7
NE	.4	1.0	1.3									2.7	6.4
ENE	1.0	.6	.3									1.9	3.9
E	.5	.6										1.2	4.1
ESE	.1	.3	.3									.8	5.4
SE	.6	.5	.4	.1								1.7	5.2
SSE	.9	1.2	.8	.2								3.0	5.8
S	2.5	3.1	2.7	1.9	.2							10.3	6.9
SSW	2.2	2.0	2.0	.6	.1							7.0	6.2
SW	1.6	1.4	.5	.1								3.7	4.5
WSW	1.0	.3	.5	.1								1.9	4.7
W	2.5	1.1	.3	.2								4.0	3.8
WNW	1.8	.5	.1	.1								2.6	3.4
NW	1.6	1.3	.2	.2								3.3	4.3
NNW	.5	1.1	1.0	.8	.4	.1						3.9	9.2
VARBL													
CALM												21.5	
	20.2	21.8	18.7	14.4	2.2	.2						100.0	5.6

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)

13964 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	6.1	6.2	6.5	1.8	.3						22.9	9.4
NNE	1.2	2.3	3.9	2.8	.2							10.3	8.6
NE	.8	.6	.4	.2								2.0	5.5
ENE	.6	.5										1.2	3.5
E	.3	.5										.9	3.6
ESE	.3	.3										.6	3.7
SE	.5	.2	.3									1.1	4.1
SSE	1.3	1.4	.4	.2								3.3	4.5
S	2.0	4.0	2.6	1.0								9.6	6.0
SSW	1.6	1.5	1.6	.5								5.3	6.1
SW	1.3	1.5	.5	.1								3.4	4.6
WSW	1.2	.5	.2									1.9	3.3
W	3.0	.6	.1	.1								3.9	2.9
WNW	1.0	1.0	.2	.1								2.3	4.4
NW	.4	.9	.9	.6								2.8	7.5
NNW	.9	1.4	1.4	1.7		.2						5.6	8.9
VARBL													
CALM												22.9	
	18.4	23.4	18.8	13.9	2.0	.5						100.0	5.5

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)

12914 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	4.2	9.2	6.7	1.5	.1						23.4	9.5
NNE	.8	2.0	5.9	2.5	.1							11.3	8.7
NE	.6	.8	1.1	.2								2.7	6.2
ENE	.5	.8	.2									1.5	4.6
E	.5	.3										.9	2.6
ESE	.4	.3										.8	3.3
SE	.4	.3	.1									.9	3.9
SSE	1.4	1.4	.9		.1							3.8	4.8
S	2.5	2.8	1.5	.4								7.2	5.2
SSW	1.6	1.3	1.8	.2								4.9	5.5
SW	.9	1.0	.5									2.4	4.7
WSW	1.3	.2		.1								1.6	3.1
W	1.7	.5	.1	.3								2.7	4.7
WNW	1.4	.4	.2	.3	.1							2.5	5.2
NW	1.4	1.1	.2	.2								2.9	4.4
NNW	.3	1.0	1.7	1.0	.8	.2						4.9	1.7
VARBL													
CALM												25.7	
	17.5	18.4	23.5	11.9	2.6	.3						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)

1204	BERGSTROM AFB TX	69-70,73-80	JAN
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	1.6	3.7	6.5	8.8	3.2	.9	.1					24.7	11.3
NNE	1.5	1.8	6.6	4.1	.4							14.4	9.2
NE	.8	1.6	1.6	.1								4.1	6.2
ENE	.5	.6	.9									2.2	5.4
E	1.3	.4	.4	.1								2.3	4.3
ESE	.5	.6	.2	.1								1.5	4.9
SE	.9		.4	.2								1.5	5.4
SSE	1.2	1.3	.4	.6	.3							3.9	7.0
S	1.2	2.4	4.2	1.8	.2	.2						10.0	8.3
SSW	.9	2.9	3.1	1.0	.1							8.0	7.3
SW	.9	.6	1.2	.4								2.9	6.5
WSW	.4	.9	.3	.1	.1	.1						1.9	6.9
W	.8	.1	.2	.3		.1						1.5	6.6
WNW	.8	.5	.1	.1	.3							1.8	6.6
NW	.1	.1	.6	.6	.2	.4						2.2	13.7
NNW	.5	1.1	1.3	1.3	.8	.3						5.3	10.8
VARBL													
CALM												11.9	
	13.9	18.7	27.8	19.8	5.7	2.0	.1					100.0	7.8

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]4	BERGSTROM AFB TX	69-70,73-80	JA[illegible]

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	6.8	6.7	3.3	1.[illegible]						21.1	12.1
NNE	1.3	1.[illegible]	6.7	4.5	1.2	.4						15.[illegible]	9.9
NE	1.3	2.[illegible]	1.8	.3								5.5	6.[illegible]
ENE	.8	1.4	.3									2.5	4.7
E	1.1	.9	.2									2.2	3.9
ESE	1.0	.3	.1	.1								1.5	3.9
SE	1.3	.4	.6	.4								2.8	5.8
SSE	.4	1.3	1.1	1.2								4.0	8.1
S	1.2	2.7	5.1	4.3	.8	.3						14.3	9.9
SSW	.8	1.3	4.8	3.7	.8							11.3	10.1
SW	.5	.9	1.6	1.2	.1							4.3	9.[illegible]
WSW	.1	.4	1.1	.4								2.0	8.2
W	.2	.4	.2	.5	.2	.2						1.8	10.9
WNW	.2		.4	.6	.2							1.5	10.3
NW	.2	.4	.6	.6	.2	.4						2.6	12.0
NNW	.2	.3	1.1	1.2	.5	.3	.1					3.8	12.7
VARBL													
CALM												3.0	
	11.5	17.0	32.6	25.8	7.3	2.7	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 2 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.9	4.4	7.2	3.4	.8						17.8	12.6
NNE	.6	1.6	6.6	4.9	.6							14.4	9.8
NE	.9	1.3	3.8	.9								6.8	7.5
ENE	2.1	1.6	1.2	.2								5.1	4.9
E	1.2	.9	.4									2.5	4.1
ESE	1.0	.3	.2	.1								2.0	4.0
SE	.9	1.7	.8	.4								3.8	5.9
SSE	.9	1.7	2.6	1.8	.2							7.2	8.5
S	.8	3.3	5.8	4.3	.3							14.5	9.0
SSW	.9	1.2	3.7	4.0	.2							9.9	9.9
SW		.6	2.2	.5								3.3	8.7
WSW	.1	.3	.5	.3								1.3	8.4
W		.2	.5	.3	.2							1.3	11.1
WNW		.2	.3	.4	.4							1.4	12.8
NW		.4	.8	.3	.2							1.7	10.3
NNW	.2	.5	.9	1.3	1.0	.2						4.1	12.7
VARBL													
CALM												2.9	
	10.5	17.3	34.5	27.1	6.7	1.0						100.0	9.1

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)

13964 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1800-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.6	4.7	6.1	1.9	.2						16.9	10.3
NNE	.9	4.4	4.6	4.0	.2							14.1	7.7
NE	1.2	1.8	2.0	.2								5.1	6.1
ENE	.8	1.9	1.1	.1								4.0	5.3
E	1.5	1.7	.3	.1								3.8	4.2
ESE	1.5	.8	.2	.1								2.6	4.2
SE	1.1	1.4	1.1	.5								4.1	5.9
SSE	1.2	3.1	1.7	1.3								7.2	6.9
S	4.2	5.5	2.1	.5								13.1	5.2
SSW	1.5	4.3	1.6	.1								7.5	5.2
SW	.6	1.6	.6									3.1	4.8
WSW	.1	.5	.1									.8	4.9
W	.9	.4	.2									1.5	3.9
WNW	.3	.3	.2									.9	4.4
NW	.1	.8	.2	.8	.1							1.9	9.6
NNW	.4	.4	.5	1.0	.4							2.8	11.0
VARBL													
CALM												10.9	
	17.4	31.5	22.5	14.8	2.7	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 - 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.4	6.1	6.3	1.1	.2						20.5	9.2
NNE	.9	2.6	3.8	2.3	.3							9.8	8.8
NE	.3	1.1	1.4	.6								3.4	7.8
ENE	.8	.9	.3	.2								2.2	5.2
E	1.5	.5	.4		.1							2.6	4.3
ESE	.9	.6	.3									1.8	4.2
SE	.9	.6	.6	.3								2.5	5.7
SSE	.2	1.5	1.4	.6								4.3	8.6
S	2.2	4.1	3.0	1.2								10.4	6.3
SSW	1.7	2.6	1.9	.5								6.8	5.7
SW	1.9	2.5	1.2	.1								5.7	4.8
WSW	1.2	1.0	.5									2.7	4.2
W	1.8	.3	.1	.1								2.4	3.3
WNW	.3	.2	.1									.6	3.5
NW	.6	.8	.3	.1	.2	.1						2.2	7.2
NNW	.6	.3	1.2	.9	.1	.2						3.3	9.4
VARBL													
CALM												19.6	
	18.7	24.0	22.8	13.3	1.8	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 931

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 . 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

ALL WEATHER CLASS | 1 | 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	3.7	6.2	7.0	2.2	.4	.0					21.2	10.5
NNE	1.0	2.2	5.2	3.4	.4	.1						12.4	9.1
NE	.8	1.3	1.7	.3								4.2	8.5
ENE	.9	1.2	.5	.1								2.6	4.8
E	1.0	.7	.2	.0	.0							2.0	4.0
ESE	.7	.5	.2	.1								1.5	4.2
SE	.8	.7	.6	.3								2.3	5.5
SSE	1.2	1.6	1.2	.8	.1							4.6	6.8
S	2.2	3.5	3.5	1.9	.2	.1						11.2	7.3
SSW	1.4	2.1	2.6	1.3	.1							7.6	7.4
SW	1.0	1.3	1.0	.3	.0							3.6	6.6
WSW	.7	.5	.4	.1	.0	.0						1.8	5.4
W	1.4	.5	.2	.2	.1	.0						2.4	5.1
WNW	.7	.4	.2	.2	.1							1.7	6.1
NW	.6	.7	.5	.4	.1	.1						2.4	8.1
NNW	.5	.8	1.1	1.1	.5	.2	.0					4.2	1.5
VARBL													
CALM												14.7	
	16.0	21.5	25.3	17.6	3.9	.9	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7442

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)

1[illegible]4 SERGSTROM AFB TX 69-70,73-80 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	4.7	6.[illegible]	4.4	.5	.1						17.1	8.7
NNE	.8	.9	2.4	2.5	.7							7.3	9.9
NE	.4	.5	.9	.2								2.[illegible]	6.5
ENE	.5	.7	.2									1.4	4.4
E	.4	.1	.6									1.1	6.8
ESE	.2	.6	.5	.2								1.5	6.9
SE	.8	.9	.6	.2								2.6	5.6
SSE	1.2	.9	.9	.1								3.2	5.4
S	4.3	5.[illegible]	4.3	2.7								16.2	6.5
SSW	2.4	3.8	2.4	.4								8.9	5.4
SW	1.9	1.3	.7									3.9	4.2
WSW	1.3	.6	.8									[illegible].7	4.5
W	1.8	.8	.7	.1								3.4	4.5
WNW	1.4	1.1	.4									2.8	4.[illegible]
NW	1.1	.8	.2	.1	.2							2.5	5.9
NNW	.7	.7	1.5	1.1	.2							4.3	8.7
VARBL													
CALM												19.0	
	21.4	23.5	23.2	12.1	1.7	.1						100.0	5.5

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)

1[illegible]4	BERGSTROM AFB TX	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	1.3	5.3	6.3	3.8	.5	.1						17.3	[illegible].4
NNE	.8	1.2	1.1	3.4	.6							7.1	1[illegible].1
NE	.2	.7	.9	.1								2.0	[illegible].5
ENE	.1	.6	.5									1.2	5.7
E	.5	.8	.1	.1								1.5	4.8
ESE	.2	1.1			.1							1.4	5.5
SE	1.4	.9	.2	.1	.1							2.8	4.6
SSE	1.5	.2	.5									[illegible].2	3.5
S	3.2	5.9	3.2	.8								13.1	5.7
SSW	2.1	2.2	1.4	.4								6.1	5.1
SW	1.4	.8	1.5	.1								3.9	5.3
WSW	1.2	.5	.4									[illegible].6	3.6
W	2.1	.6	.4									3.1	3.3
WNW	1.2	1.4	.5	.2								3.3	4.9
NW	1.2	1.2	.6	.2	.2							3.4	6.1
NNW	.7	.9	1.9	1.5	.1							5.2	6.7
VARBL													
CALM												24.2	
	19.3	24.5	19.4	13.9	1.7	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]4 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | FEB (MONTH)

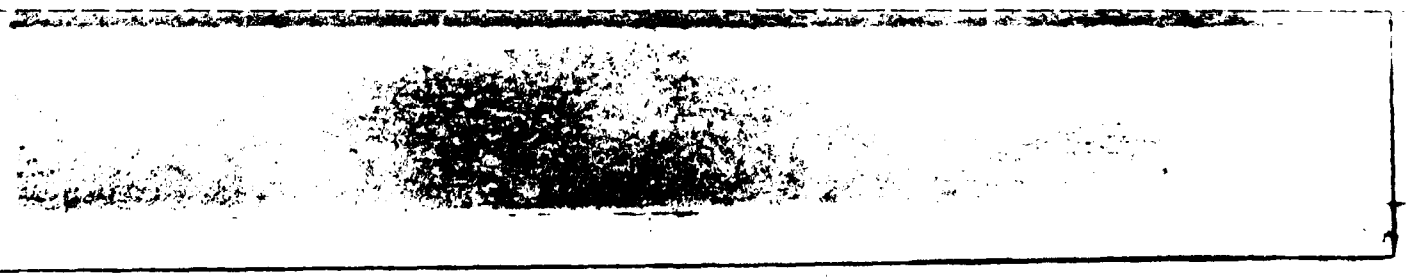
ALL WEATHER (CLASS) | 0600-0800 (HOURS (L.S.T.))

(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	.9	2.8	5.7	5.4	1.2	.2						16.3	10.1
NNE	1.2	2.0	3.0	1.9	.2							8.3	8.1
NE	.1	1.1	.5	.1								1.8	6.2
ENE		.7	.5									1.2	6.3
E	.4	1.2	.7									2.2	5.6
ESE	.4	.5	.1									.9	4.3
SE	1.7	.4	.2	.1								2.[illegible]	4.[illegible]
SSE	2.4	.7	.5									3.5	3.5
S	2.6	4.5	3.1	.7								10.9	5.7
SSW	2.0	1.8	1.2	.1	.2							5.3	5.3
SW	1.4	1.1	.8	.1								3.4	4.7
WSW	1.1	.5	.1									1.7	3.1
W	1.4	1.2	.2	.1								3.0	4.3
WNW	.4	1.2	.4	.1								2.0	5.5
NW	1.2	.7	.9	.4								3.2	5.8
NNW	.7	1.3	1.7	2.5	.1							6.3	9.4
VARBL													
CALM												28.0	
	17.4	21.5	19.5	11.6	1.8	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 846

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)

13724	BERGSTROM AFB TX	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	.9	2.5	5.6	7.0	2.7	.1						18.8	11.1
NNE	.6	2.8	4.0	3.8	.4							11.6	9.3
NE	.4	2.2	2.1	.5	.1							5.3	7.4
ENE	.6	.8	.4									1.8	4.5
E	1.5	.9	.4	.2								3.1	4.5
ESE	.9	.6	.4									1.9	4.3
SE	1.2	.2	.7	.4								2.5	5.6
SSE	.9	1.4	.4	.5								3.2	5.6
S	1.4	2.6	4.3	4.0	.2							12.5	8.6
SSW	1.3	1.9	3.9	3.1	.2							10.4	8.9
SW	.5	.9	2.4	1.5	.2							5.6	9.3
WSW	.9	1.1	.7	.5								3.2	6.[illegible]
W	1.2	1.1	.2	.1	.1							2.7	4.9
WNW	.1	.8	.5	.5		.2	.1					2.2	10.5
NW	.4	.2	.6	1.3								2.5	10.2
NNW	.6	.6	1.9	2.1	.8							6.0	11.0
VARBL													
CALM												6.7	
	13.5	20.8	28.3	25.8	4.8	.4	.1					100.0	8.2

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)

1 x 4 (STATION) — BERGSTROM AFB TX (STATION NAME) — 69-70,73-80 (YEARS) — FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.4	3.1	7.8	1.8	.2						15.8	11.9
NNE	.5	2.2	4.4	3.2	.6							10.9	9.6
NE	.9	2.[illegible]	3.1	.8	.1							7.0	7.2
ENE	1.1	.5	.8	.2								2.6	5.6
E	1.9	1.1	.5	.4								3.8	4.6
ESE	.4	.6	.2	.1								1.3	5.2
SE	.7	.7	.7	.7								2.8	7.1
SSE	.2	1.5	1.5	.8								4.1	7.6
S	1.1	2.4	4.3	6.9	.9	.1						15.6	10.4
SSW	.6	1.7	2.8	5.8	.9							11.8	11.0
SW	.5	1.2	2.1	1.9	.1		.1					5.9	9.6
WSW	.6	.4	.7	.4								2.[illegible]	6.9
W	.1	.6	.7	.1	.1							1.7	7.9
WNW	.2		.4	1.1	.5	.5						2.6	14.9
NW	.2	.5	1.3	1.1	.4	.1						3.5	1[illegible].5
NNW	.6	.6	1.5	2.7	.7							6.1	11.0
VARBL													
CALM												2.4	
	10.2	18.2	28.1	33.9	6.1	.9	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 846

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)

1 [illegible] 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	3.5	7.2	2.2	.1						14.9	12.1
NNE	.8	1.7	3.4	3.7	.5							10.0	9.8
NE	.6	1.8	2.4	1.7								6.4	8.1
ENE	.8	1.7	1.4	.1								4.0	5.5
E	2.0	2.0	1.2	.4								5.6	5.0
ESE	.4	.8	.8	.1								2.1	6.3
SE	1.2	1.4	1.2	.4								4.1	5.9
SSE	.6	1.3	2.7	1.7	.1	.1						6.5	6.8
S	1.3	3.5	5.6	7.2	.7	.1						18.4	9.7
SSW	.4	1.1	3.1	3.7	.4	.1						8.6	10.7
SW	.2	1.3	1.3	1.1								3.9	8.5
WSW		.2	.6	.4								1.2	9.[illegible]
W	.1	.4	.7	.2								1.4	7.4
WNW	.1	.2	.1	1.2	.4	.1						2.1	13.2
NW		.2	.5	1.9	.6	.2						3.4	14.5
NNW	.1	.7	1.8	2.0	.4							5.0	10.9
VARBL													
CALM												2.2	
	9.1	19.9	30.3	32.7	5.0	.8						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 646

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)

13724 STATION — BERGSTROM AFB TX STATION NAME — 69-70,73-80 YEARS — FEB MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.7	3.5	5.1	2.0							14.2	10.7
NNE	.5	2.4	3.2	1.8	.4							8.2	8.9
NE	1.2	1.9	2.2	.4								5.7	6.0
ENE	1.1	2.0	.8									3.9	4.8
E	3.3	1.7	.2	.7								5.9	4.4
ESE	2.1	1.3	.9	.2								4.6	4.8
SE	2.7	2.1	1.1	.2	.1							5.6	5.2
SSE	2.4	3.7	4.6	1.3	.1							12.1	6.8
S	2.1	3.2	6.3	1.3	.1							18.0	6.6
SSW	.9	1.3	.6	.1								3.0	4.8
SW	.4	1.1	.2									1.7	4.4
WSW	.1	.6	.2									.9	5.5
W	.2	.4	.2									.8	5.6
WNW	.4	.4	.1	.1								.9	5.3
NW	.5	.7	.6	.2								2.0	6.4
NNW	.2	.7	1.1	.9	.2							3.2	9.6
VARBL													
CALM												9.5	
	18.2	31.0	26.0	12.4	3.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13964 SERGSTROM AFB IX 69-70,73-80 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	5.1	3.2	5.4	1.1							14.4	9.5
NNE	.7	2.4	3.2	1.8	1.1							8.9	9.4
NE	.6	.7	1.1	.4								2.7	7.0
ENE	.2	.5	.1									.8	5.1
E	.7	.9	.4	.2								2.2	5.1
ESE		1.1	.2	.5	.1							1.9	8.6
SE	1.7	1.5	.6	.2								4.0	5.1
SSE	2.[illegible]	2.8	1.9	1.5	.2							8.5	7.0
S	7.2	5.7	7.2	1.9	.1							18.1	6.8
SSW	1.[illegible]	2.2	1.2	.1								4.8	5.2
SW	1.8	1.1	.2	.1								3.2	3.8
WSW	1.1	.7	.2	.1								2.1	4.0
W	1.5	1.3	.2	.1								3.2	4.3
WNW	.7	.2	.1	.1								1.2	4.3
NW	.6	.8	.5	.6	.1							2.6	7.2
NNW	.5	1.1	.2	.7	.2							2.7	8.1
VARBL													
CALM												18.6	
	18.2	26.1	20.3	13.6	3.0							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 2 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.1	4.6	5.8	1.5	.1						16.1	10.3
NNE	.7	2.1	3.0	2.7	.5							9.0	9.4
NE	.5	1.4	1.7	.5	.1							4.1	7.1
ENE	.5	.9	.6	.0								2.1	5.2
E	1.3	1.1	.5	.3								3.2	4.9
ESE	.6	.8	.4	.1	.0							2.0	5.7
SE	1.3	1.0	.7	.3	.0							3.3	5.4
SSE	1.4	1.6	1.6	.7	.1	.0						5.4	6.6
S	2.4	4.7	4.8	3.2	.3	.0						15.4	7.6
SSW	1.4	2.0	2.1	1.7	.2	.0						7.4	7.8
SW	1.0	1.1	1.2	.6	.0		.0					3.9	6.6
WSW	.8	.6	.5	.2								2.0	5.2
W	1.1	.8	.4	.1	.0							2.4	4.8
WNW	.6	.7	.3	.4	.1	.1	.0					2.2	8.0
NW	.6	.7	.7	.7	.2	.0						2.9	8.5
NNW	.5	.8	1.4	1.7	.4							4.8	9.8
VARBL													
CALM												13.8	
	15.8	23.2	24.4	19.1	3.8	.3	.0					100.0	6.8

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)

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | MA[illegible] MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.6	3.2	4.1	.8	.2						12.8	9.2
NNE	1.2	1.3	1.9	2.0	.2							6.7	8.6
NE	.2	1.2	1.1	.6	.1							3.2	8.3
ENE	.3	.4	.2									1.0	4.4
E	.4	.4	.5									1.4	4.9
ESE	.5	.5	.4	.5								2.0	7.5
SE	.8	.9	1.8	1.2								4.6	8.1
SSE	1.5	1.8	2.7	2.6								8.6	8.1
S	2.6	5.7	6.7	3.0	.2							18.2	7.4
SSW	1.6	2.3	2.3	.9								7.0	6.4
SW	1.1	1.6	.4									3.1	4.5
WSW	.3	1.4	.1									1.8	4.4
W	1.8	1.8	.2	.2		.1						4.2	4.7
WNW	.8	.3	.3	.1								1.5	4.6
NW	.8	.3	.2	.4								1.7	6.3
NNW	1.2	.4	1.1	.8								3.4	6.[illegible]
VARBL													
CALM												18.7	
	17.0	23.0	23.2	16.5	1.3	.3						100.0	6.[illegible]

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)

1 2 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | MAR MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.0	3.8	5.1	.8	.1						14.8	9.3
NNE	.8	1.5	1.9	1.7								5.9	8.1
NE	.3	.9	.8	.3	.1							2.4	7.4
ENE	.3	.3	.2	.1								1.4	5.5
E	.6	.2		.1								1.0	4.2
ESE	.3	.6	.6	.1								1.7	6.3
SE	.9	1.3	.9	.1								3.1	5.7
SSE	1.3	3.0	1.6	2.5	.3							8.7	8.1
S	2.3	5.3	5.5	2.4	.1							15.5	7.0
SSW	1.4	1.7	1.6	.6								5.4	6.5
SW	1.6	1.3	.9	.2								4.0	4.7
WSW	1.0	1.0	.1									2.0	3.7
W	2.4	1.0	.4									3.8	3.5
WNW	.5	.5	.1	.1	.1	.1						1.5	6.9
NW	1.0	.9	.5	.2	.2							2.8	6.4
NNW	.8	.6	1.5	1.2								4.1	8.4
VARBL													
CALM												21.9	
	17.5	23.5	20.4	14.7	1.6	.2						100.0	5.6

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)

1 - 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.7	4.2	5.2	.3	.3						14.2	9.5
NNE	1.2	2.3	2.4	2.0	.6							8.5	8.7
NE	.8	1.4	.6	.3								3.1	5.4
ENE	.4	1.0	.4	.1								1.9	5.7
E	.8	.6	.4									1.9	5.1
ESE	.6	.6	.6	.3								2.3	6.4
SE	.8	.6	1.8									3.2	6.6
SSE	1.0	2.0	1.4	1.7								6.1	7.9
S	2.2	3.8	5.5	1.7								13.1	6.9
SSW	1.4	1.9	1.4	.4								5.2	5.8
SW	.5	1.0	.6	.2								2.4	5.5
WSW	1.4	.4	.4			.1						2.4	5.1
W	1.2	.6	.3	.2								3.3	4.6
WNW	.3	1.0	.1	.2	.1							1.7	6.5
NW	1.2	1.4	.9	.8	.2							4.4	7.0
NNW	.8	1.1	1.2	2.0	.1							5.2	9.1
VARBL													
CALM												21.1	
	16.9	22.6	22.4	15.3	1.4	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 931

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

...AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]6 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,72-80 (YEARS) [illegible]A (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.[illegible]	1.7	4.[illegible]	4.4	2.3	.4						1[illegible].[illegible]	11.6
NNE	.9	1.4	1.6	5.1	.3							9.7	1[illegible].[illegible]
NE	.8	1.6	2.3	1.0	.1							5.7	7.9
ENE	.6	1.4	1.[illegible]	.1								3.1	6.8
E	.5	1.3	1.7	.1								3.9	6.1
ESE	.6	1.1	1.5	.5								3.[illegible]	7.[illegible]
SE	1.1	1.1	1.6	1.2								4.9	7.4
SSE	.6	1.4	1.2	1.9	.2							5.4	9.2
S	.9	2.[illegible]	4.4	6.7	1.[illegible]							1[illegible].4	10.2
SSW	.4	1.4	3.[illegible]	3.4	.2							9.2	9.6
SW	.5	.8	1.4	1.3	.2							4.2	[illegible].[illegible]
WSW	.3	.4	.6	.1								1.9	5.5
W	.2	.5	.8	1.1	.1							2.7	9.8
WNW	.1	.4	1.[illegible]	.8								3.3	9.[illegible]
NW	.5	.5	1.3	1.6	.8							4.7	10.8
NNW	.3	.5	1.[illegible]	1.7	.6							4.2	11.9
VARBL													
CALM												5.7	
	10.1	18.1	29.0	31.6	6.2	.4						1[illegible].[illegible]	9.[illegible]

TOTAL NUMBER OF OBSERVATIONS 9[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)

1 / 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | MAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	2.3	4.9	1.2	.4						9.8	12.7
NNE	.8	1.3	2.8	4.2	.8							9.8	10.5
NE	1.6	2.5	1.3	.8	.1							5.6	6.8
ENE	.9	1.4	1.1	.2								3.5	6.0
E	.9	.8	2.4	.3								4.3	6.9
ESE	.3	1.5	1.9	.8	.2							4.7	7.8
SE	.3	1.3	2.6	1.3	.2							5.7	8.9
SSE	.5	1.4	2.5	3.2	1.1							8.7	10.6
S	.6	.9	6.3	9.0	1.7							18.3	11.5
SSW	.7	1.2	2.7	2.6	.4							7.2	10.1
SW	.3	.5	1.4	1.1	.1							3.4	9.3
WSW	.1	.3		.5								1.0	9.9
W	.2	.1	.3	.6	.1	.2	.1					1.7	13.6
WNW	.1	.3	.5	.5	.5							2.0	12.1
NW	.2	.4	1.4	2.7	.8							5.5	12.2
NNW	.2	.5	1.9	2.7	1.2							6.6	12.3
VARBL													
CALM												2.2	
	7.2	14.9	31.1	35.5	8.4	.6	.1					100.0	10.2

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)

1 4 STATION — BERGSTROM AFB TX STATION NAME — 69-73,73-80 YEARS — MAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	2.8	5.7	1.4	.4						11.1	12.7
NNE	.1	.8	3.4	3.2	.6							8.2	10.8
NE	.2	1.4	2.3	.9								4.7	8.4
ENE	.4	2.6	1.0									4.0	6.0
E	.5	3.1	1.8									5.5	6.3
ESE	.5	1.3	1.9	1.0	.1							4.8	7.9
SE	.6	1.6	3.1	2.6	.1	.1						8.2	9.1
SSE	.9	1.4	3.4	4.5	1.0	.1						11.3	10.6
S	.4	1.1	8.0	8.4	1.4							19.2	11.1
SSW	.2	.5	2.0	2.5								5.3	10.4
SW	.1	.6	.4	.5								1.7	8.9
WSW		.2	.3	.2	.1							.9	10.3
W	.4	.2	.1	.6	.5	.1						2.0	12.6
WNW			.8	1.0	.3							2.0	12.6
NW	.2	.2	.9	2.4	.4							4.1	12.2
NNW		.3	1.2	2.8	.9	.1						5.3	12.7
VARBL													
CALM												1.7	
	4.8	16.0	33.4	36.2	6.9	.9						100.0	10.2

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)

1 . 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-50 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	.8	2.3	3.4	5.2	.8	.2						12.6	10.6
NNE	1.0	1.6	4.0	2.3	.2							9.0	8.7
NE	.6	1.8	1.6	.2	.1							4.4	6.7
ENE	.5	2.0	.5									3.1	4.9
E	2.3	3.5	2.0									7.8	5.1
ESE	.4	1.9	2.0	.5								4.9	7.0
SE	1.0	4.0	3.0	1.8								9.8	7.4
SSE	.9	3.3	6.5	5.5	.4							16.6	9.3
S	1.9	4.9	4.3	2.9	.2							14.3	7.7
SSW	.4	1.5	.5	.1								2.6	5.9
SW	.2	.1	.3									.6	5.8
WSW	.2	.2	.1	.1								.6	5.7
W	.3	.9	.5	.3								2.0	6.6
WNW	.3	.2	.4	.3	.1							1.4	8.5
NW	.2	.5	.5	.6	.2							2.2	9.6
NNW	.2	.8	1.0	.9	.1	.2						3.1	10.4
VARBL													
CALM												4.8	
	11.3	29.7	30.9	20.8	2.2	.4						100.0	7.7

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)

1 CC4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.3	3.9	4.2	.6							11.5	9.7
NNE	1.2	1.5	1.7	1.7	.9	.2						7.2	9.8
NE	.9	1.3	.8	.3		.1						3.0	6.3
ENE	1.5	1.1	.6									2.7	4.6
E	.6	1.8	.5									3.0	4.9
ESE	.5	1.8	2.8	.8								5.9	7.6
SE	1.6	1.4	1.3	1.4								5.7	6.9
SSE	1.7	2.7	4.5	3.4								12.4	8.2
S	2.5	4.7	8.3	3.2	.2							18.9	7.7
SSW	1.3	1.3	.5	.1								3.2	4.7
SW	1.2	1.2	.1									2.5	3.7
WSW	.5	1.2	.2									1.9	4.5
W	1.1	1.2	.5	.2								3.0	5.2
WNW	.4	.6	.2	.3	.1							1.7	6.8
NW	.1	1.0	.2	.2			.1					1.6	8.0
NNW	.5	.3	.4	.9								2.2	8.1
VARBL													
CALM												13.5	
	15.9	24.8	26.7	16.8	1.8	.3	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]4	BERGSTROM AFB TX	69-70,73-80	MA
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	3.4	4.8	1.0	.3						12.6	10.6
NNE	.9	1.5	2.5	2.8	.5	.[illegible]						8.1	9.6
NE	.6	1.5	1.3	.6	.1	.0						4.0	7.2
ENE	.6	1.3	.6	.1								2.6	5.5
E	.9	1.5	1.2	.1								3.6	5.6
ESE	.5	1.2	1.5	.6	.0							3.8	7.3
SE	.9	1.5	2.0	1.2	.0	.0						5.7	7.7
SSE	1.3	2.1	3.0	3.2	.4	.0						9.7	9.1
S	1.7	3.6	6.1	4.7	.6							16.6	8.8
SSW	.9	1.5	1.9	1.3	.1							5.6	7.9
SW	.7	.9	.7	.4	.0							2.7	6.5
WSW	.5	.6	.2	.1	.0	.0						1.6	5.5
W	1.1	.8	.4	.4	.1	.1	.0					2.8	6.7
WNW	.3	.4	.4	.4	.2	.0						1.8	8.7
NW	.5	.7	.7	1.1	.3		.0					3.4	9.7
NNW	.5	.6	1.2	1.6	.4	.0						4.2	10.2
VARBL													
CALM												11.1	
	12.6	21.6	27.1	23.3	3.7	.5	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]4 (STATION) BERGSTROM AFB TX (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	1.[illegible]	3.1	2.1	1.4	.2							7.9	7.3
NNE	.6	1.3	1.3	.7								3.9	7.0
NE	.4	.6	.7	.3	.2							2.2	6.0
ENE	.6	.8	.1									1.4	3.8
E	.8	1.[illegible]	.6									2.3	4.7
ESE	.9	.9	.7									2.4	4.8
SE	.9	2.3	1.7	.7								5.6	6.6
SSE	1.1	3.[illegible]	6.9	2.6								13.6	8.2
S	3.0	7.2	8.6	3.9	.4	.1						23.2	7.5
SSW	1.8	2.[illegible]	1.1	.2								5.1	5.0
SW	.7	1.8		.1								2.6	4.2
WSW	.6	.8	.2									1.6	4.1
W	1.8	1.[illegible]	.1									2.9	3.4
WNW	.4	.9	.3	.1								1.8	4.9
NW	.4	.6	.1	.7								1.8	7.4
NNW	1.1	1.[illegible]	.6	.8								3.4	6.8
VARBL													
CALM												18.3	
	16.0	28.2	25.0	11.4	.9	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 [illegible] 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | APR MONTH

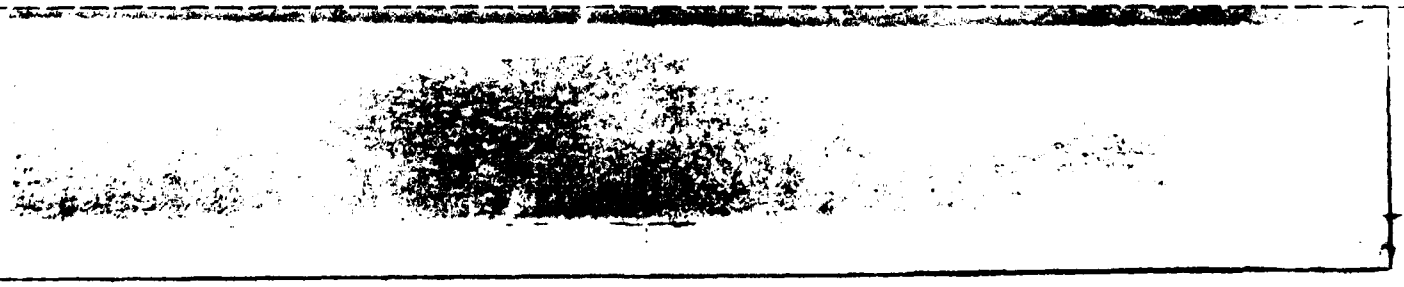
ALL WEATHER CLASS | 0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	4.6	3.3	1.3	.1	.1						11.6	6.7
NNE	.6	1.0	1.6	.8	.1							4.0	7.6
NE	.7	.9	.6									2.1	5.1
ENE	.3	.4	.2									1.0	5.4
E	.9	1.8	.8									3.4	5.1
ESE	.9	.9	.7									2.4	4.8
SE	1.0	3.6	1.1	.3								6.0	5.5
SSE	2.3	3.4	4.2	1.7								11.3	6.9
S	2.8	5.3	7.1	2.8								18.0	7.1
SSW	1.2	1.4	.9	.3								3.9	5.6
SW	.6	.9		.2								1.7	4.7
WSW	1.4	.3	.2									2.0	3.1
W	1.6	.6	.4									2.6	3.7
WNW	1.0	.8	.4	.2								2.4	4.8
NW	1.4	.8	.6	.4								3.2	5.4
NNW	.9	.2	.9	.3	.1							2.4	6.9
VARBL													
CALM												21.9	
	19.3	26.9	23.0	8.4	.3	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 500

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.6	3.6	1.7	.4							10.8	7.5
NNE	.9	1.7	1.9	1.4	.1							6.0	7.8
NE	.8	2.3	1.1									4.2	5.3
ENE	1.1	.7	.3									2.1	3.7
E	.8	2.1	.8	.2								3.9	5.5
ESE	.6	1.4	1.6	.3								3.9	6.2
SE	1.2	2.7	1.8	.2								5.9	5.9
SSE	.8	2.9	4.7	2.1								10.4	7.9
S	1.8	5.3	6.0	1.4	.3							14.9	7.3
SSW	1.2	1.1	.8	.4								3.6	5.6
SW	.9	.3	.4	.1								1.8	4.8
WSW	.4	.3	.1									.9	3.5
W	1.4	.8	.1									2.3	3.4
WNW	.8	.3	.1	.1								1.3	4.5
NW	1.0	1.0	1.2	.6	.3							4.1	7.4
NNW	1.4	1.6	1.2	.7	.1	.1						5.1	7.2
VARBL													
CALM												18.8	
	16.7	28.1	25.7	9.3	1.3	.1						100.0	5.4

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)

1 [illegible] 4 STATION — BERGSTROM AFB TX STATION NAME — 69-70,73-80 YEARS — APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.0	3.7	4.2	.4	.1						11.0	10.1
NNE	.6	1.3	4.1	1.7	.2	.1						8.0	8.9
NE	1.2	1.1	1.1	.8								4.2	6.6
ENE	1.2	1.6	.8	.3								3.9	5.6
E	1.8	2.0	1.0	.2	.1							5.1	5.3
ESE	.3	1.1	1.6	.2								3.2	7.4
SE	1.1	1.8	3.7	1.4								8.0	7.8
SSE	.8	1.8	5.9	3.4	.4							14.3	9.9
S	1.1	2.6	8.6	6.4	.4							19.1	9.7
SSW	.3	1.2	4.1	1.3	.3							7.3	9.1
SW	.9	.3	1.8	.4								3.4	8.0
WSW	.3	.2	.1									.7	5.5
W	.3	.1	.1									.6	4.2
WNW		.1	.1		.1							.3	10.3
NW	.4	.2	.8	1.3	.2							3.0	10.3
NNW	.2	.6	1.2	1.8	.7	.1						4.6	11.9
VARBL													
CALM												3.2	
	11.2	18.0	38.6	25.7	3.0	.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]4 STATION — BERGSTROM AFB TX STATION NAME — 69-70,73-80 YEARS — APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.6	3.1	3.2	.3							8.4	10.2
NNE	.8	.9	4.0	2.4		.1						8.2	9.2
NE	.7	1.8	1.6	1.0	.2							5.2	7.9
ENE	.3	1.[illegible]	1.0	.1								2.4	6.4
E	1.4	1.6	.8	.4								4.2	5.5
ESE	1.[illegible]	1.3	1.7	.9								4.9	7.1
SE	.8	1.9	2.9	3.6	.1							9.2	9.3
SSE	.6	1.9	7.6	7.3	.8							18.1	10.5
S	1.0	4.1	7.8	8.6	.6							22.0	9.8
SSW	.1	.7	2.1	.9								3.8	9.1
SW	.2	.6	1.3	.2								2.3	7.8
WSW	.2	.3	.1									.7	4.2
W	.4	.3	.1									.9	4.1
WNW	.1		.2	.2								.6	9.2
NW	.2		.8	1.1	.6							2.7	12.6
NNW	.3	.3	1.4	1.6	.7	.1						4.4	11.5
VARBL													
CALM												1.9	
	8.4	18.2	36.4	31.6	3.2	.2						100.0	9.2

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)

1-3-4 STATION — BERGSTROM AFB TX STATION NAME — 69-70,73-80 YEARS — APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	1.8	3.1	.7							7.3	10.3
NNE	.4	1.4	3.7	2.4								8.0	9.0
NE	.6	2.1	1.7	1.6			.1					5.9	8.2
ENE	.4	1.8	.8	.1								3.1	5.6
E	1.2	2.1	1.7	.2								5.2	5.9
ESE	.8	1.4	2.3	1.6								6.1	7.8
SE	.9	2.0	5.0	3.2	.4							11.6	9.3
SSE	.4	3.4	8.3	10.1	1.2	.1						23.4	10.6
S	.7	2.4	6.8	5.8	.8							16.4	10.0
SSW	.3	.4	1.6	.1								2.4	7.1
SW		.1	.7									.8	7.9
WSW		.2										.2	4.0
W	.2	.1		.1								.4	5.5
WNW	.1		.3	.4								.9	9.6
NW		.1	1.0	.8	.4							2.3	11.7
NNW		.6	1.6	1.4	.5							4.1	11.5
VARBL													
CALM												1.7	
	6.8	19.3	37.1	31.0	3.9	.1	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13724 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

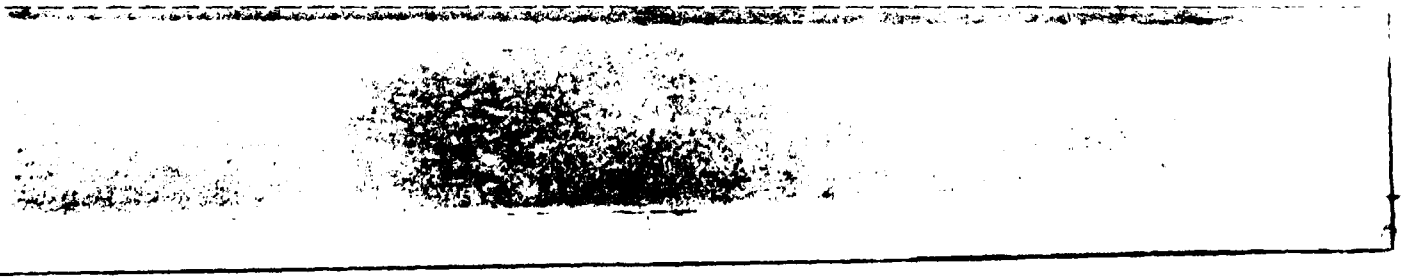
1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.4	1.8	1.6	.3							5.3	9.3
NNE	.7	2.2	2.9	.4								6.2	6.8
NE	1.2	2.8	.9	.4								5.3	5.8
ENE	2.3	2.1	.6	.2								5.1	4.5
E	1.8	3.1	1.2	.3								6.4	5.2
ESE	.4	1.7	2.8	.6								5.4	7.3
SE	1.4	6.2	7.1	3.0	.4							18.2	7.7
SSE	.7	4.1	9.4	7.7	.9							22.7	9.6
S	2.2	4.8	3.9	2.2								12.9	7.0
SSW	.6	.3	.2									1.1	4.6
SW		.1	.1									.2	6.5
WSW	.3	.1										.4	3.5
W	.3		.1									.4	3.3
WNW	.1			.3								.4	11.5
NW	.3	.2	.6	.2	.2							1.6	9.4
NNW	.4	.6	.9	1.1	.2							3.2	9.6
VARBL													
CALM												4.9	
	12.9	29.6	32.4	18.1	2.1							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

L 4 (STATION) BERGSTROM AFB TX (STATION NAME) 60-70,73-80 (YEARS) JF (MONTH)

ALL WEATHER (CLASS) 13-2300 (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.[illegible]	3.6	1.9	1.1	.3							8.2	7.1
NNE	.4	2.1	1.8	.2								4.6	6.3
NE	.7	.7	.6									1.9	[illegible].1
ENE	.4	.6	.5									1.6	4.7
E	.7	.9	.7									2.2	5.4
ESE	.4	.8	1.1	.6								2.9	7.2
SE	1.3	3.3	3.1	1.2								8.8	6.9
SSE	[illegible].[illegible]	5.4	9.1	6.2	.6							23.1	6.6
S	[illegible].[illegible]	7.7	6.3	2.4	.3							19.9	5.9
SSW	.[illegible]	1.3	.3									2.5	4.3
SW	.8	.1		.1								1.0	3.[illegible]
WSW	.2	.2		.1								1.1	3.2
W	1.1	.4										1.6	3.1
WNW	.4		.3	.2								1.[illegible]	7.7
NW	.8	.4	.2		.1							1.6	[illegible].[illegible]
NNW	.4	.7	.6	.4	.1							2.2	7.9
VARBL													
CALM												15.9	
	15.7	28.2	26.6	12.2	1.4							120.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13 4 (STATION) BERGSTROM AFB TX (STATION NAME) 68-70,73-80 (YEARS) SP (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	2.6	2.7	2.2	.4	.0						9.8	5.4
NNE	.5	1.5	2.7	1.3	.1	.0						5.1	6.1
NE	.3	1.5	1.0	.5	.1		.0					3.9	6.7
ENE	.8	1.1	.5	.1								2.6	5.0
E	1.2	1.9	.9	.2	.0							4.1	5.4
ESE	.7	1.2	1.5	.5								3.9	6.8
SE	1.1	3.1	3.3	1.7	.1							9.2	7.7
SSE	.3	3.2	7.0	5.4	.5	.1						17.1	9.3
S	1.9	4.9	6.9	4.2	.4	.0						18.3	8.2
SSW	.8	1.1	1.4	.4	.0							3.7	6.8
SW	.5	.5	.5	.2								1.7	5.9
WSW	.5	.3	.1	.0								.9	3.8
W	.9	.4	.1	.0								1.5	3.6
WNW	.4	.3	.2	.2	.0							1.1	6.4
NW	.6	.4	.7	.6	.2							2.5	8.7
NNW	.6	.7	1.0	1.0	.3	.0						3.7	9.4
VARBL													
CALM												10.8	
	13.4	24.6	30.6	18.5	2.0	.1	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2000

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 WIND

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

1 - 4 STATION | BERGSTROM AFB TX STATION NAME | 65-70,73-74 YEARS | MAY MONTH

ALL WEATHER CLASS | 0000-[illegible] HOURS (L.S

CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	2.3	.6								5.8	7
NNE	.5	.9	1.1	.3								2.8	6
NE	.6	.6	.1	.1								1.5	4
ENE	.8	.9	.1									1.4	3
E	1.4	1.2	.3	.1								3.0	4
ESE	1.5	.9	.6	.1								3.1	4
SE	1.[illegible]	3.[illegible]	1.2									6.2	[illegible]
SSE	3.[illegible]	4.6	3.8	.1								11.5	5
S	4.7	9.6	8.8	2.3								25.4	6
SSW	2.9	2.7	1.[illegible]									6.6	5
SW	1.5	1.[illegible]	.3	.1								2.[illegible]	3
WSW	1.[illegible]	.6	.3	.1								2.0	4
W	1.6	.3	.1									2.3	2
WNW	.[illegible]	.3										.5	3
NW	1.[illegible]	.4	.1	.1								1.6	3
NNW	1.1	1.1	.3	.2								2.7	4
VARBL													
CALM												21.7	
	[illegible]	29.8	20.4	4.2								100.0	4

TOTAL NUMBER OF OBSERVATIONS [illegible]9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13964 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.2	2.9	1.2	.1							8.8	6.7
NNE	.6	.3	.6	.3								1.8	5.4
NE	.5	.9	.2									1.6	4.5
ENE	.4	.3	.4	.1								1.3	5.5
E	.9	.2	.6									1.7	4.6
ESE	.8	.1	.6	.1								1.6	5.2
SE	2.1	2.9	1.3									6.3	4.4
SSE	2.2	5.9	2.6	.5								11.2	5.3
S	4.8	6.8	5.7	.8								18.1	5.5
SSW	1.0	2.3	1.3	.1								4.6	5.4
SW	1.3	1.3	.5									3.1	4.1
WSW	.6	.4										1.1	3.2
W	1.7	.6										2.4	2.9
WNW	.6	.4	.2									1.3	4.1
NW	.6	.6	.1									1.4	3.5
NNW	.6	.3	.8	.3	.1							2.2	7.1
VARBL													
CALM												28.5	
	21.9	28.2	18.0	3.2	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1,4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | MAY MONTH

ALL WEATHER CLASS | 0600-0659 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.7	2.9	.9	.2							9.4	6.1
NNE	1.2	1.1	.8	1.1	.1							4.0	7.7
NE	1.2	1.4	.2	.2								3.0	4.9
ENE	1.1	1.2	.2									2.5	4.3
E	1.7	2.-	.4									4.2	4.1
ESE	1.2	1.2	1.-	.3								3.7	5.7
SE	1.-	3.1	2.2	.1								6.9	5.4
SSE	1.3	4.-	3.8	.2								10.4	5.7
S	1.2	6.6	6.9	.6								16.3	5.8
SSW	1.-	2.2	1.7	.2								5.2	5.1
SW	.4	.3	.1									1.4	4.2
WSW	.9	.3		.1								1.1	3.3
W	1.1	.4	.1									1.6	3.1
WNW	.9	.6	.2									1.7	3.5
NW	1.2	1.-	.5	.3								3.0	5.1
NNW	.9	1.1	1.1	.3								3.3	6.3
VARBL													
CALM												19.8	
	23.7	29.8	22.0	4.4	.3							100.2	4.4

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 - 4 STATION | ERGSTROM AFB TX STATION NAME | 69-70,73-81 YEARS | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.8	2.0	.2	.1						6.1	9.5
NNE	.5	1.1	2.5	1.3	.3							5.7	9.1
NE	1.2	1.5	1.7	.8	.2							5.2	7.6
ENE	1.2	1.2	1.1	.2	.1							3.8	5.7
E	1.4	2.7	.4									4.5	4.5
ESE	.4	1.6	1.3									3.5	5.5
SE	1.7	2.7	1.2	.8		.1						6.5	6.7
SSE	.4	4.1	6.2	2.9	.2							13.7	8.3
S	1.7	4.7	9.8	5.7	.5							22.5	8.5
SSW	.8	2.4	4.8	.5								8.5	7.2
SW	.9	1.3	2.2	.1								4.4	6.2
WSW	.3	.6										1.2	3.5
W	.8	.3	.2	.1								1.4	4.5
WNW	.4	.1	.1	.1								.6	.1
NW	.1	.3	.3	.5								1.3	8.7
NNW	1.1	1.2	1.6	1.0								4.8	7.3
VARBL													
CALM												4.2	
	13.4	27.4	37.1	16.0	1.6	.2						100.0	7.2

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)

1 9 6 4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	2.7	1.6	.9							7.8	9.3
NNE	.8	1.7	1.7	2.4								6.6	8.7
NE	.6	1.4	1.8	.6								4.5	7.2
ENE	1.3	2.0	1.4	.2								4.9	5.5
E	1.6	1.5	1.8									4.9	5.1
ESE	1.4	1.6	2.0	.6								5.7	6.3
SE	1.5	2.7	4.5	1.8								10.5	7.3
SSE	1.0	4.7	7.2	3.7	.2							16.8	8.4
S	1.4	4.9	10.9	5.3	.3							22.8	8.5
SSW	.4	1.6	2.7	.3								5.1	7.1
SW	.2	1.1	.5	.4								2.3	6.6
WSW	.1	.4	.3									.9	5.3
W			.1									.1	8.0
WNW		.2	.1	.2								.5	9.2
NW	.2	.6	.6	.5								2.4	8.2
NNW	.4	.9	.3	.5								2.2	6.9
VARBL													
CALM												2.4	
	11.9	27.2	38.8	18.3	1.4							100.0	7.6

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)

1 / 4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

15 0-1700 (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	1.2	2.6	2.7	.8							7.8	10.5
NNE	.5	1.7	1.8	1.6								5.7	8.5
NE	1.5	1.3	1.4	.4								4.6	6.5
ENE	.9	2.2	1.3	.1								4.4	5.7
E	.8	2.6	3.-	.1								6.5	6.4
ESE	.6	2.8	2.8	1.2	.2							7.6	7.6
SE	.5	4.1	8.6	2.7	.4							16.5	8.5
SSE	.4	4.5	11.7	3.9	.2							20.8	8.8
S	.2	5.4	6.7	3.7	.2							16.8	8.1
SSW	.2	.5	.9	.2								1.8	7.5
SW	.3	.4	.5	.1								1.4	6.8
WSW	.2	.1	.1									.4	4.5
W	.2			.1								.3	5.3
WNW	.1	.1		.2								.4	5.5
NW	.4		.4	.5								1.4	8.0
NNW		.1	.9	.6								1.6	10.0
VARBL													
CALM												1.9	
	8.4	27.0	42.7	18.2	1.8							100.0	7.9

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)

1[illegible]4 STATION | BERGSTROM AFB TX 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	1.4	1.8	1.7	.9	.1							5.9	6.9
NNE	.5	1.7	1.7	1.2								5.2	7.7
NE	.8	1.3	.9	.3								3.2	5.9
ENE	1.1	3.2	.3	.3								4.9	4.9
E	1.8	3.2	1.5	.3								6.9	5.2
ESE	.6	4.7	2.4	.2								8.3	5.9
SE	2.5	7.4	8.8	1.6	.1							20.4	6.7
SSE	2.3	8.4	9.8	3.3								23.5	7.4
S	1.8	5.2	3.9	.6								11.3	6.3
SSW	.2	.4	.3			.1						1.1	7.2
SW	.1		.1									.2	6.5
WSW	.2	.1										.3	3.[illegible]
W	.3	.1			.1							.5	6.8
WNW	.1	.1	.1	.1								.4	7.0
NW	.3	.6	.3	.2	.1							1.6	7.3
NNW	.2	.3	.6	.2								1.4	7.9
VARBL													
CALM												5.1	
	13.9	38.7	32.5	9.4	.4	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13964	SHERGSTROM AFB TX	69-70,73-80	MAY
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	1.7	2.[illegible]	2.0	.3	.2							6.3	6.3
NNE	.5	.4	.9	.4								2.3	7.0
NE	1.1	.9	.5	.1	.2							2.8	5.9
ENE	1.7	1.0	.2									2.9	3.4
E	1.0	.9	.6	.2								2.7	5.2
ESE	1.6	1.7	.5	.4								4.3	5.2
SE	2.3	4.4	3.2	.3	.1							10.3	5.7
SSE	2.9	7.5	8.9	2.2								21.5	6.8
S	4.1	9.6	6.7	.1								20.4	5.5
SSW	1.3	.6	.4									2.4	4.1
SW	.3		.2									.5	4.0
WSW	.4	.3										.8	3.3
W	1.0	.3	.1									1.4	3.[illegible]
WNW	.2			.1								.3	6.7
NW	.9	.3	.3	.2								1.7	5.[illegible]
NNW	.3	1.0	.3	.3								1.9	6.4
VARBL													
CALM												17.4	
	21.3	31.0	25.1	4.7	.5							100.0	4.8

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)

1 3 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.1	2.4	1.2	.3	.0						7.2	7.7
NNE	.6	1.2	1.4	1.1	.1							4.3	7.9
NE	.9	1.2	.9	.3	.1							3.3	6.2
ENE	1.0	1.5	.6	.1	.0							3.3	5.0
E	1.3	1.2	1.1	.1								4.4	5.1
ESE	1.2	1.9	1.4	.4	.0							4.8	6.0
SE	1.8	3.8	4.1	.9	.1	.0						10.7	6.6
SSE	1.9	5.5	6.7	2.1	.1							16.2	7.2
S	2.9	6.6	7.4	2.4	.1							19.4	6.9
SSW	1.1	1.6	1.6	.2		.0						4.5	5.8
SW	.6	.7	.6	.1								2.0	5.3
WSW	.5	.4	.1	.0								1.0	4.0
W	.9	.3	.1	.0	.0							1.2	3.5
WNW	.3	.2	.1	.1								.8	5.2
NW	.6	.5	.3	.3	.0							1.8	6.1
NNW	.6	.7	.7	.4	.0							2.5	6.9
VARBL													
CALM												12.6	
	17.3	29.9	29.6	9.8	.8	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7440

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)

12

1749 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

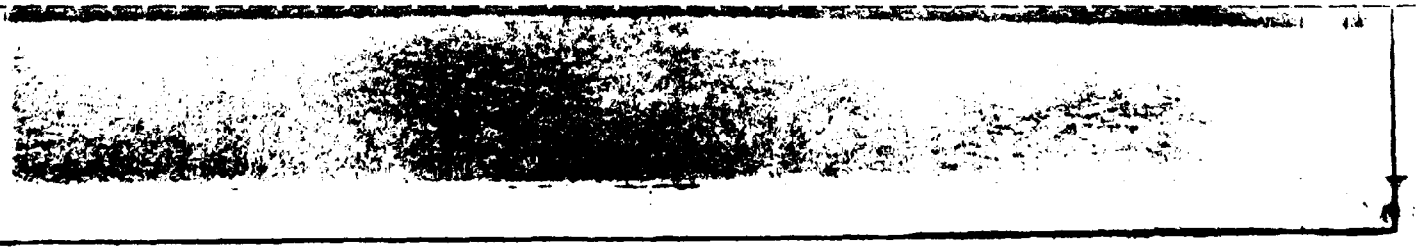
ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	1.2	.2		.1						2.8	7.2
NNE	.2	.6	.8	.1								1.7	6.9
NE	.6	.8	.1	.3								1.8	5.8
ENE	.1	.7										.8	4.1
E	.6	.4		.1								1.1	4.4
ESE	.7	.2		.1								1.0	3.9
SE	1.3	1.3	.2	.1								3.0	4.0
SSE	3.2	4.3	4.7	1.1								13.3	6.1
S	8.7	14.7	12.3	3.6								37.2	6.2
SSW	3.2	4.4	.7	.3								8.4	4.6
SW	1.6	.6										2.1	2.8
WSW	1.2	.2										1.2	2.5
W	.7	.6										1.2	2.8
WNW	.2											.2	2.0
NW		.6										.6	4.6
NNW	.2	.1										.3	3.3
VARBL													
CALM												23.2	
	20.6	30.1	20.0	6.0		.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13958 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.1	.6	.1								4.1	4.8
NNE	.9	.8	.2	.3								2.2	5.5
NE	.2	.2	.4	.1								1.6	5.6
ENE	.2											.2	3.0
E	.4	.6										1.0	3.8
ESE	.6	.2										.8	2.6
SE	1.8	.7	.2									2.7	3.2
SSE	3.3	4.3	2.1	.7								10.4	5.3
S	6.4	12.2	9.7	2.0								28.3	6.1
SSW	3.3	2.4	2.2	.2								8.2	4.9
SW	1.2	1.1	.3									2.7	4.0
WSW	1.1											1.1	2.2
W	.9	.2										1.1	2.4
WNW	.2	.1										.3	2.7
NW	.7	.6										1.2	3.4
NNW	.2	.4										.8	4.3
VARBL													
CALM												33.2	
	23.0	24.6	15.8	3.4								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13964 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	1.4	.9	.2								5.3	4.4
NNE	.9	1.1	1.1	.6								3.7	6.7
NE	.7	.8	.3	.1								1.9	4.8
ENE	.4	.3	.1									.9	4.4
E	.9	.3	.1									1.3	3.3
ESE	1.1	.7	.3									2.0	3.9
SE	1.4	1.8	.8	.2	.1							4.3	5.1
SSE	3.6	5.7	2.4	.3								12.0	5.0
S	3.9	8.2	12.9	2.8	.1							27.9	7.1
SSW	1.3	2.4	1.7	.9								6.3	6.5
SW	1.3	1.9	.7	.2								4.1	5.2
WSW	1.2	.3	.2									1.7	3.4
W	.8	.3	.1									1.2	3.3
WNW	.6	.3	.2									1.1	3.8
NW	.7	.3	.2									1.2	3.6
NNW	1.4	.7		.1								2.2	3.3
VARBL													
CALM												22.7	
	22.9	26.7	22.1	5.4	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13964 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JULY 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	1.3	.9	.6								3.3	6.3
NNE	1.2	1.4	1.4	.3								4.2	6.3
NE	.3	1.6	.9	.2								3.0	6.6
ENE	1.7	1.3	.1									3.1	3.5
E	.8	.3	.3			.1						2.0	5.3
ESE	1.2	1.7	.3									3.3	4.6
SE	1.1	1.4	1.1	.1								3.8	5.2
SSE	1.2	2.2	5.0	2.7								10.9	6.3
S	2.8	7.2	15.6	7.1	.4	.1						33.2	6.5
SSW	.2	4.2	8.4	3.0	.2							16.4	6.2
SW	1.3	1.2	1.8	.6								5.6	6.2
WSW	.4	.7	.7									1.8	5.4
W	.6	.9	.3									1.8	4.5
WNW	.1			.1								.2	8.5
NW	.2	.6	.1	.3								1.2	7.6
NNW	.4	.2	.1	.4								1.2	7.6
VARBL													
CALM												5.2	
	14.3	27.0	37.1	15.4	.7	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 980

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

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

1...4 STATION | SEYMOUR AFB IN STATION NAME | 69-74,77-80 YEARS | JUL MONTH

ALL WEATHER CLASS | 12 C-14... HOURS (L.S.T.)

CONDITION

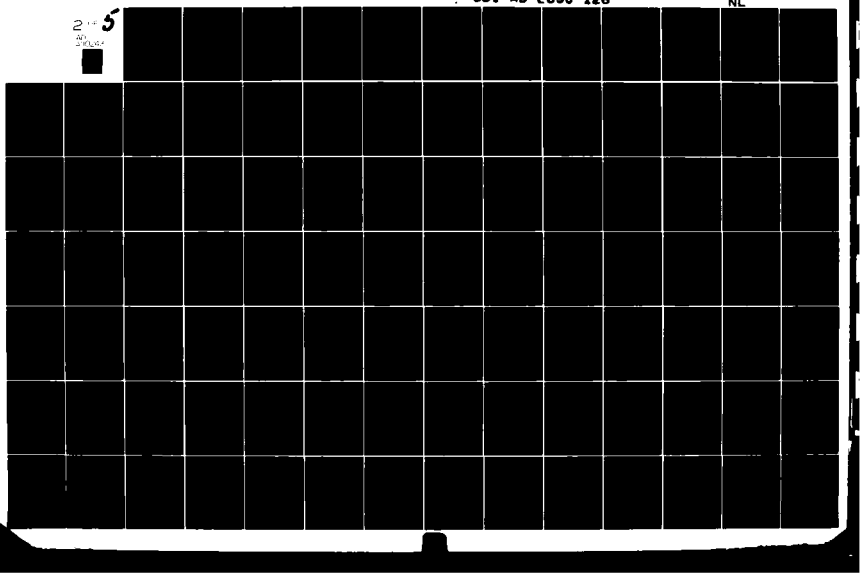
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	1.2	.9								4.9	9.5
NNE	.2	1.0	1.4	.3								3.0	7.4
NE	1.1	1.7	1.4	.3								4.6	6.5
ENE	.7	1.3	1.7	.6								4.3	7.7
E	.6	2.5	.6	.2								4.1	5.3
ESE	1.0	2.1	.6									3.7	4.5
SE	1.6	2.8	3.1	.7								7.6	6.7
SSE	1.0	4.6	12.1	3.8								12.4	9.2
S	2.4	8.8	14.0	7.1	.6							32.4	8.4
SSW	1.6	2.4	3.3	.9	.1	.1						7.4	7.7
SW	.7	1.1	.9	.1								2.4	6.2
WSW	.9	.1	.6									1.4	4.8
W	.2	.4	.1									.8	4.6
WNW	.1	.1										.2	4.4
NW	.2	.1	.1	.2								.7	7.2
NNW	.6		.1	.6								1.2	7.5
VARBL													
CALM												2.7	
	11.4	30.4	39.0	15.7	.7	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS ...

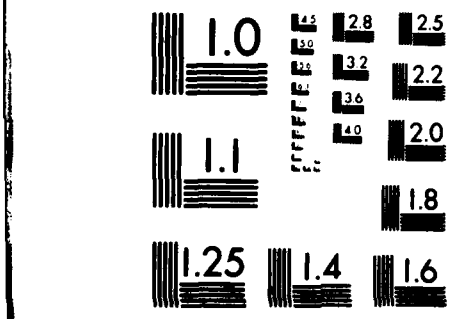
USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A110 243 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BERGSTROM AFB, AUSTIN, TEXAS REVISED UNIFORM SUMMARY OF SURFACE--ETC(U)
AUG 81

UNCLASSIFIED USAFETAC/DS-81/088 SBI-AD-E850 126 NL



10243



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
13964	BERGSTROM AFB TX	69-70,73-80	JUN

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	.9	.8	.7								2.8	7.1
NNE	.3	.9	1.4	.9		.1						3.7	8.6
NE	.7	2.3	2.6	.3								5.9	6.5
ENE	1.4	2.1	1.2	.2								5.0	5.2
E	.7	3..	1.6									5.2	5.4
ESE	.4	2.2	1.6	.4								4.7	6.7
SE	.8	5.4	5.4	.8								12.4	6.8
SSE	1.2	6.3	12.1	7.6	.3							27.6	8.8
S	1.1	4.8	13.3	4.9	.3							24.4	8.7
SSW	.4	1.3	1.2	.6								3.6	7.1
SW	.2	.3	.3	.1								1.0	6.6
WSW	.6	.1										.7	2.8
W		.1										.1	4.0
WNW		.1	.1									.2	7.0
NW			.1	.1								.2	11.0
NNW	.2	.2	.3	.2								1.0	7.6
VARBL													
CALM												1.6	
	8.6	30.2	42.1	16.8	.7	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13964 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	1.0	.2								2.6	6.3
NNE	.1	1.0	.3	.1								1.6	5.9
NE	.8	1.1	1.6	.2								3.7	6.2
ENE	1.2	2.3	.8	.1								4.4	4.9
E	1.9	3.4	.4									5.8	4.2
ESE	.8	3.9	2.4									7.1	5.9
SE	2.2	8.1	7.7	1.1								19.1	6.5
SSE	2.9	7.9	14.6	7.3	.3							33.0	8.3
S	1.1	5.3	5.4	2.2	.2							14.3	7.6
SSW	.4	.6	.6	.1								1.7	5.5
SW	.2	.1										.3	2.7
WSW	.3	.1										.4	3.0
W	.1											.1	2.0
WNW													
NW	.2	.4			.1							.8	5.7
NNW		.7	.1	.2								1.0	7.4
VARBL													
CALM												4.1	
	12.9	35.8	34.9	11.7	.7							100.0	6.7

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)

12

1274	BERGSTROM AFB TX	69-70,73-80	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

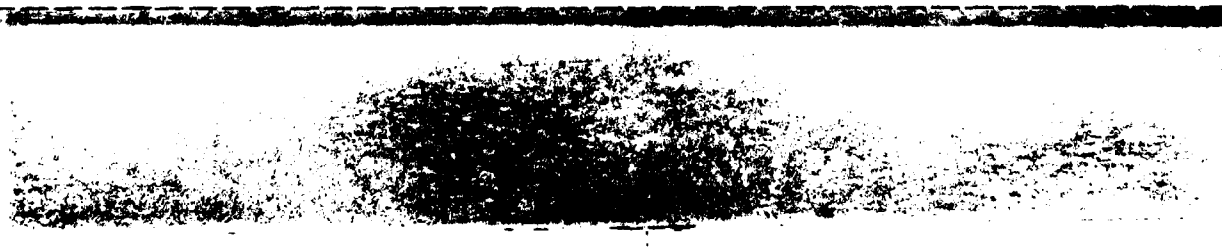
2100-2300
HOURS (L.S.T.)

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	.1	.9	.6	.2								1.8	6.5
NNE	.6	.7	.4	.1								1.8	5.3
NE	.4	.8	.4	.2	.1							2.0	6.4
ENE	.8	.8										1.6	3.6
E	.7	.8										1.4	3.7
ESE	.6	1.2	.3									2.1	4.5
SE	2.1	3.4	3.6	.2								9.3	5.7
SSE	3.8	9.0	11.8	1.8								26.3	6.7
S	5.3	12.1	10.7	2.3								30.4	6.3
SSW	.8	1.3	.6	.1								2.8	4.7
SW	.7											.7	2.0
WSW	.7		.1	.1								.9	4.6
W	.3	.1										.4	2.5
WNW	.1	.1	.1									.3	5.3
NW	.3											.3	2.7
NNW	.1	.3	.1	.1								.7	5.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	17.1	
	17.3	31.6	28.7	5.2	.1							100.0	5.0

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)

13964 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	.9	.4		.0						3.3	6.0
NNE	.5	.9	.9	.3		.0						2.7	6.8
NE	.6	1.2	1.0	.2	.0							3.0	6.1
ENE	.8	1.2	.5	.1								2.5	5.0
E	.8	1.5	.4	.0		.0						2.7	4.7
ESE	.7	1.5	.7	.1								3.0	5.2
SE	1.5	3.1	2.8	.4	.0							7.8	6.0
SSE	2.5	5.5	7.8	3.2	.1							19.1	7.4
S	3.7	8.9	11.7	4.0	.2	.0						28.5	7.3
SSW	1.4	2.3	2.3	.8	.0	.0						6.9	6.6
SW	.9	.9	.5	.1								2.4	5.1
WSW	.8	.2	.2	.0								1.2	3.8
W	.4	.3	.1									.8	3.5
WNW	.2	.1	.1	.0								.3	4.4
NW	.3	.3	.1	.1	.0							.8	5.2
NNW	.4	.3	.1	.2								1.1	5.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	13.7	
	16.4	29.5	30.0	10.0	.4	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7200

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)

1369.4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (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	.3	.2										.5	2.8
NNE													
NE	.4	.1	.1									.6	3.2
ENE	.4	.2	.1									.8	3.7
E	.6	.2	.1	.1								1.1	4.2
ESE	.5	.8										1.3	3.6
SE	1.4	.9	.1									2.4	3.3
SSE	3.5	3.4	1.0									8.0	4.0
S	14.2	17.4	4.9	.3								36.9	4.4
SSW	5.1	8.4	2.6	.2								16.2	4.7
SW	2.9	2.8	.4	.1								6.2	3.8
WSW	1.3	.5	.1									1.9	3.2
W	.3	.1										.4	2.3
WNW		.1										.1	4.0
NW	.1	.1										.2	3.0
NNW	.3											.3	1.3
VARBL													
CALM												23.0	
	31.5	35.3	9.5	.8								100.0	3.2

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)

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.2	.2									1.3	3.8
NNE	.2	.2	.1									.5	4.5
NE	.1	.2										.3	4.7
ENE			.1									.1	9.0
E	.6											.6	2.3
ESE	.1	.5	.2									.9	5.3
SE	1.3	.6	.1									2.0	3.1
SSE	4.1	1.2										5.3	2.6
S	14.1	8.5	1.7	.2								24.5	3.6
SSW	5.4	5.4	1.0	.1								11.8	3.9
SW	4.0	1.9	.5									6.5	3.2
WSW	1.2	.5										1.7	2.7
W	.4	.1										.5	2.4
WNW	.8											.8	1.9
NW	.4											.4	2.3
NNW	.2											.2	2.5
VARBL	.1											.1	3.0
CALM												42.4	
	33.9	19.5	4.0	.3								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 931

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.3	.2	.1								1.5	3.9
NNE	.5	.4	.2	.1								1.3	5.4
NE	.3	.3	.2									.9	4.5
ENE	.9	.4										1.3	2.6
E	.5	.8	.1									1.4	4.6
ESE	.9	1.4	.2									2.5	4.0
SE	1.7	1.2	.2									3.1	3.6
SSE	2.8	1.5	.2	.1								4.6	3.3
S	8.4	9.9	3.1	.1								21.5	4.4
SSW	4.1	5.6	3.3	.4								13.4	5.2
SW	2.9	3.4	1.2	.2								7.7	4.8
WSW	1.2	.8	.4									2.4	4.1
W	1.1	1.0										2.0	3.2
WNW	.2	.5	.1									.9	4.6
NW	.8	.1			.1							1.0	3.9
NNW	.6	.2	.1									1.0	3.0
VARBL													
CALM												33.5	
	27.7	27.8	9.7	1.1	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13964 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.9	.3	.2								2.8	4.6
NNE	.8	.4	.2									1.4	3.9
NE	.8	.9	.2									1.8	4.2
ENE	1.0	.5	.2									1.7	3.9
E	1.2	1.5	.3									3.0	4.2
ESE	.5	1.1	.4									2.0	4.9
SE	1.0	1.7	.5									3.2	4.8
SSE	1.9	3.4	2.0	.3								7.7	5.4
S	3.1	11.2	10.1	2.2								26.6	6.6
SSW	2.3	8.6	7.0	1.8								19.7	6.7
SW	2.6	6.5	4.3	.8								14.1	6.0
WSW	.9	2.3	.6	.1								3.9	4.9
W	1.4	1.6	.2									3.2	3.4
WNW	.5	.4										1.0	3.2
NW	.2	.3	.2	.1								.9	5.8
NNW	.6	.4	.3									1.4	4.2
VARBL													
CALM												5.6	
	26.1	41.7	27.1	5.5								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BERGSTROM AFB TX	69-72,73-80	JUL

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	.5	.1								1.8	5.6
NNE	1.1	.6	.3	.2								2.3	5.1
NE	.3	1.5	.4	.1								2.4	5.7
ENE	1.0	1.5	.4	.2								3.1	4.7
E	1.2	3.0	1.1									5.3	4.9
ESE	1.0	1.3	1.1	.1								3.4	5.4
SE	1.8	5.2	2.0	.3								9.4	5.3
SSE	2.9	7.0	5.3	.9								16.0	6.1
S	3.5	13.9	11.5	2.6	.2							31.7	6.7
SSW	1.4	5.6	3.8	.9								11.6	6.4
SW	1.0	2.2	1.5	.1								4.7	5.5
WSW	1.2	.9	.4									2.5	4.2
W	.5	.3										.9	2.9
WNW	.4											.4	2.3
NW	.1											.1	1.5
NNW	.2	.3	.5	.1								1.2	7.2
VARBL													
CALM												3.2	
	18.1	44.0	28.9	5.6	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 93

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)

179 4	BERGSTROM AFB TX	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

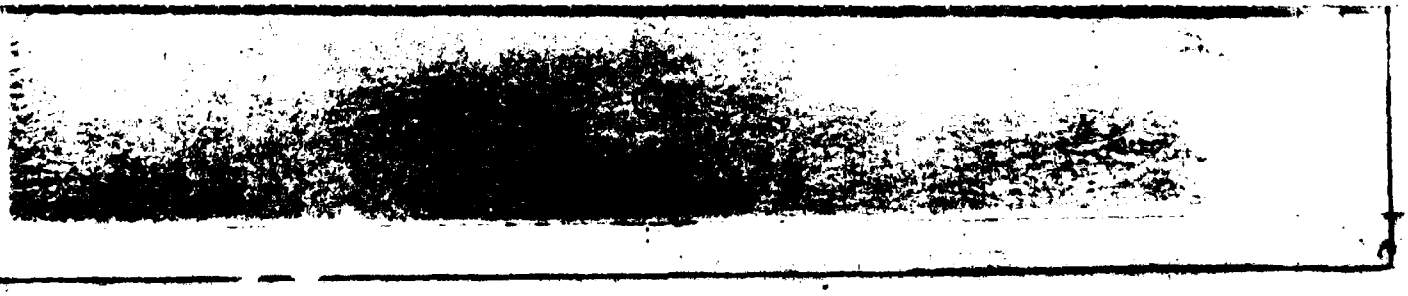
1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	.1	.2								1.0	6.3
NNE	.1	1.3	1.1	.3								2.8	7.3
NE	.5	.6	.9	.2								2.3	7.0
ENE	.5	1.3	.5									2.4	5.0
E	.9	3.1	1.5	.1								5.6	5.5
ESE	1.5	2.6	2.6	.6		.1						7.4	6.9
SE	1.9	6.7	5.8	1.0								15.4	6.5
SSE	1.7	11.6	8.5	1.2	.1							23.1	6.6
S	2.4	11.9	9.9	2.2								26.2	6.8
SSW	1.0	2.2	1.8	.4								5.4	6.3
SW	.8	.9	1.0	.1	.1							2.8	6.0
WSW	.2	.3	.1									.6	4.3
W	.5	.4	.1									1.1	4.1
WNW		.1										.1	4.0
NW	.3	.3	.1									.8	4.1
NNW	.1	.1		.1								.3	6.7
VARBL													
CALM												2.9	
	12.8	43.7	34.0	6.5	.2	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...ETAC
AF... WEATHER SERVICE/MAC

SURFACE WINDS

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

... 4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ...00-2... (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.5	.3	.1								1.5	4.9
NNE		.4	.8	.2								1.4	5.4
NE	.2	.9	.4	.3								1.8	6.6
ENE	.9	1.3	.2									2.3	4.1
E	.4	2.3	1.6									4.3	5.2
ESE	.8	4.4	2.0	.3								7.6	5.9
SE	2.7	8.6	6.7	1.4	.1							19.5	6.4
SSE	5.2	9.9	10.5	2.5	.1							27.9	6.3
S	4.6	12.4	7.7	1.3								23.9	6.0
SSW	.6	.9	.6									2.2	5.2
SW	.2	.4	.1									.8	4.6
WSW	.1	.3										.4	4.4
W	.2											.2	2.5
WNW	.1	.1										.2	3.3
NW		.1	.3									.4	6.2
NNW	.2		.1	.2								.5	7.6
VARBL													
CALM												5.2	
	16.6	46.2	31.4	6.4	.2							100.4	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 | BERGSTROM AFB TX STATION NAME | 60-70,73-80 YEARS | JUL MONTH

ALL WEATHER CLASS | [redacted] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5										.6	4.8
NNE	.1	.5										.6	4.2
NE	.2	.4										.6	4.0
ENE	.6	.2										.9	3.0
E	1.1	.9										1.9	3.2
ESE	2.5	.9	.5									3.9	3.2
SE	2.2	3.0	2.3		.1							7.6	5.4
SSE	1.5	12.1	5.7	.6								23.0	5.4
S	6.6	15.4	11.2	2.3								35.5	6.0
SSW	1.9	1.7	1.0	.3								5.0	4.9
SW	.8	.3	.1									1.2	3.5
WSW	.1		.1									.2	6.2
W	.2											.2	2.5
WNW	.4											.4	2.0
NW	.1			.1								.2	7.0
NNW	.2	.1										.3	3.3
VARBL													
CALM												17.3	
	21.7	36.1	20.9	3.3	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 927

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

... | BERGSTROM AFB TX | 60-70,73-80 | 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	.6	.5	.2	.1								1.4	4.7
NNE	.3	.5	.3	.1								1.3	5.9
NE	.4	.6	.3	.1								1.3	5.5
ENE	.7	.6	.2	.2								1.5	4.2
E	.8	1.5	.6	.0								2.9	4.8
ESE	1.0	1.6	.9	.1		.1						3.6	5.5
SE	1.7	3.5	2.2	.3	.1							7.8	5.7
SSE	3.3	6.3	4.1	.7	.1							14.4	5.7
S	7.1	12.3	7.5	1.4	.2							28.4	5.6
SSW	2.7	4.8	2.6	.5								10.7	5.5
SW	1.9	2.3	1.1	.2	.0							5.5	4.9
WSW	.8	.7	.2	.0								1.7	4.1
W	.6	.4	.1									1.1	3.2
WNW	.3	.2	.0									.5	3.1
NW	.2	.1	.1	.0	.0							.5	4.6
NNW	.3	.1	.1	.1								.7	4.6
VARBL	.0											.0	3.5
CALM												16.7	
	22.8	36.0	20.7	3.7	.1	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 7434

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13964	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	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	.8	.3										1.1	2.6
NNE	.3	.1										.4	3.3
NE	.6	.4	.3	.1								1.5	4.5
ENE	.6	.5										1.2	3.4
E	1.5	1.0										2.5	3.4
ESE	.6	.6	.5									1.8	4.6
SE	1.6	1.3	.9									3.8	4.4
SSE	2.4	3.4	1.3	.3								7.4	4.7
S	7.9	12.6	6.8									27.2	4.6
SSW	4.3	5.5	1.8	.1								11.7	4.3
SW	2.9	1.6	.1	.1								4.7	3.3
WSW	.8	.4	.1									1.3	3.3
W	.4											.4	1.8
WNW	.1	.1										.2	3.5
NW	.8											.8	2.3
NNW	.4											.4	2.0
VARBL													
CALM												31.5	
	29.1	28.2	11.8	.6								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 532

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 [illegible] 4	BERGSTROM AFB TX	69,72-80	ALL
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	.9	.5										1.4	3.0
NNE	.4	.2										.6	3.2
NE	.6		.2									.9	3.5
ENE	.5	.3	.1									1.0	3.4
E	1.5	.3										1.8	2.7
ESE	1.1	.6										1.7	3.0
SE	1.3	1.4	.3									3.0	3.9
SSE	2.7	2.9	.1	.2								5.9	4.0
S	7.7	6.9	2.3	.1								17.0	4.0
SSW	4.5	3.8	1.1									9.4	3.9
SW	1.9	1.3	.2									3.4	3.3
WSW	1.0	.1										1.1	2.5
W	.2		.1									.3	4.7
WNW	.1		.1									.2	5.0
NW	.8	.1										.9	2.5
NNW	.8	.1		.1								1.0	3.2
VARBL													
CALM												50.4	
	26.0	18.6	4.5	.4								100.0	1.9

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)

1[illegible]4	BERGSTROM AFB TX	69,72-80	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	1.5	.6	.4									2.6	3.6
NNE	.5	1.1	.1									1.7	4.3
NE	.4	.9	.3									1.6	4.6
ENE	.9	1.1	.1									2.0	4.1
E	1.7	.9	.1									2.7	3.3
ESE	1.1	1.5										2.6	3.8
SE	2.2	1.2	.4									3.8	3.7
SSE	4.1	2.4	.9	.4								7.7	4.2
S	6.2	6.9	3.2	.2								16.6	4.6
SSW	1.9	4.1	1.2									7.2	4.7
SW	1.0	1.0	.3									2.3	4.5
WSW	1.0	.5	.1									1.6	3.4
W	.9	.2										1.1	2.6
WNW	.6	.1										.8	2.6
NW	.5	.5										1.1	3.3
NNW	.5	.1	.1									.6	3.4
VARBL													
CALM												44.0	
	25.1	23.2	7.3	.6								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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



L[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

L[illegible]4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-72-6C (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

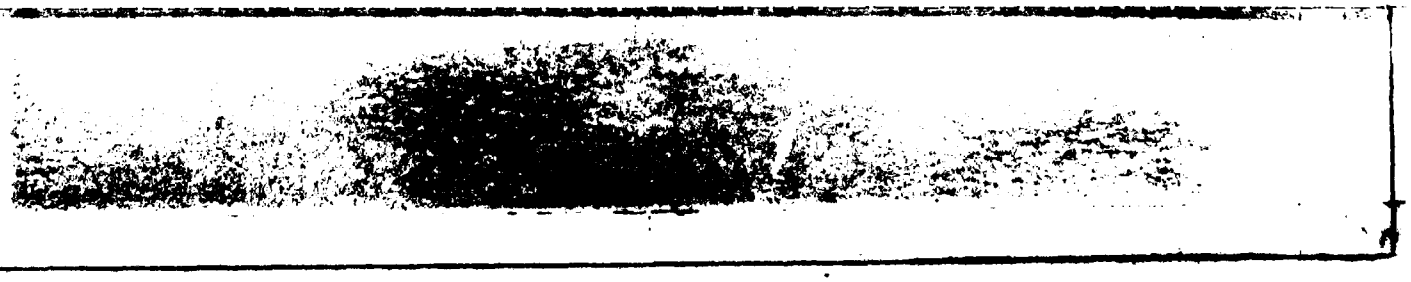
0900-1100 (HOURS (L.S.T.))

(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	1.0	.9	.3	.1								2.3	4.7
NNE	1.2	1.9	1.1									4.2	5.0
NE	1.1	3.1	.5									4.7	4.7
ENE	1.1	1.8	.9									3.8	4.9
E	1.8	1.5	.6	.1								4.1	4.4
ESE	1.3	1.3	.5	.1								3.2	4.4
SE	1.4	1.4	1.5	.1								4.4	5.6
SSE	3.3	3.[illegible]	1.8	.9								9.0	5.2
S	3.3	5.4	10.4	1.7								20.9	6.9
SSW	2.2	6.0	6.8	1.0	.1							16.0	6.8
SW	1.7	3.2	3.9	.6								9.5	6.4
WSW	1.5	1.5	.8									3.8	4.2
W	1.4	1.[illegible]	.2									2.6	3.6
WNW	.4	.1	.1									.6	3.5
NW	.4	.2	.1									.8	3.4
NNW	.4	.3										.8	3.4
VARBL													
CALM												9.5	
	23.5	32.7	29.6	4.6	.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)

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

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	.5									2.0	5.3
NNE	.8	1.0	.8	.3								2.8	5.8
NE	.8	1.8	1.2	.2								4.0	6.0
ENE	1.5	1.7	1.5	.1								4.8	5.3
E	3.5	4.8	2.3	.1								10.8	4.9
ESE	2.0	2.0	.6	.2								4.9	4.7
SE	2.2	3.8	2.6	.4	.1							9.0	5.8
SSE	3.7	6.2	4.3	1.6	.1							14.9	6.1
S	2.4	8.1	10.1	1.4								21.9	6.8
SSW	1.1	3.2	2.7	.9								7.8	6.7
SW	1.3	3.1	2.3	.3								7.0	5.8
WSW	.4	1.4	.8									2.6	5.4
W	.2	.3										.5	3.0
WNW	.5	.4										1.0	3.4
NW	.3	.3										.6	3.3
NNW	.4	.4										.9	3.5
VARBL													
CALM												4.3	
	21.0	39.7	29.2	5.6	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

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

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

L[illegible] STATION | BERGSTROM AFB TX STATION NAME | 69.72-80 YEARS | AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.5	.1								2.0	6.1
NNE	.4	.5	.5	.4								2.2	6.9
NE	1.0	1.5	.5	.2								3.2	5.3
ENE	1.9	3.1	1.6	.4								6.8	5.7
E	1.9	5.4	3.5	.4	.1							11.4	6.1
ESE	1.7	3.3	2.2	.5	.1							7.8	6.0
SE	2.3	5.4	4.1	1.3	.4							13.2	6.7
SSE	2.7	7.3	5.5	2.2		.1						17.7	6.8
S	3.2	7.8	8.4	1.6	.1							21.2	6.6
SSW	1.4	1.7	2.4	.3								5.8	6.1
SW	.5	1.5	.4	.3								2.8	5.7
WSW	.6	.2	.4									1.3	4.4
W	.6	.4			.1							1.2	4.2
WNW		.1		.1								.2	10.0
NW	.2											.2	2.5
NNW	.2	.1	.2	.1								.6	6.2
VARBL													
CALM												2.3	
	18.8	39.6	34.3	8.1	.9	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 935

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4		.2								.9	6.4
NNE	.3	.6	.2									1.2	4.6
NE	.4	.8	.9	.1								2.2	6.1
ENE	1.5	1.2	1.3		.1							4.1	5.4
E	2.2	5.2	2.5	.4								10.1	5.6
ESE	2.8	4.0	2.9	.9	.2							10.8	6.0
SE	3.0	7.4	4.8	3.3								18.6	6.3
SSE	3.7	8.2	9.7	1.7								23.2	6.7
S	3.5	8.0	4.3	.6								16.5	5.7
SSW	1.1	.4	.4	.1								2.0	5.0
SW	.5	.5	.2									1.3	4.3
WSW	.4	.4		.1								1.0	4.0
W	.1	.1	.1		.1							.4	8.0
WNW	.3			.1								.4	4.8
NW	.4	.2	.1									.8	3.9
NNW	.2	.1	.2	.1								.6	5.5
VARBL													
CALM												6.0	
	20.6	37.5	27.6	7.7	.4							100.0	5.7

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)

13964 (STATION) BERGSTROM AFB TX (STATION NAME) 69-72-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.1	.7			.1						.9	6.6
NNE	.3	.4										.8	3.9
NE	.6	.5	.2									1.3	4.1
ENE	.8	.8	.1									1.6	3.7
E	1.6	1.8	.2	.1								3.8	4.1
ESE	1.3	1.7	.6	.5								4.2	5.5
SE	3.4	3.7	2.8									9.9	4.9
SSE	5.2	6.6	8.7	1.8								22.3	6.3
S	7.3	10.5	7.6	.8								26.2	5.3
SSW	1.6	1.8	.6									4.1	4.3
SW	2.3	.8										3.0	2.6
WSW	.8	.1										.9	2.3
W	.6											.6	1.6
WNW		.1										.1	4.0
NW	.3		.1									.4	3.8
NNW	.2											.2	2.0
VARBL													
CALM												19.8	
	26.8	28.8	21.3	3.2		.1						100.0	4.2

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)

13964	BERGSTROM AFB TX	69,72-80	AUG
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	.7	.6	.3	.1		.0						1.6	4.7
NNE	.5	.8	.3	.1								1.7	5.1
NE	.7	1.1	.5	.1								2.4	5.1
ENE	1.1	1.3	.7	.1	.0							3.2	5.[illegible]
E	[illegible]	2.6	1.2	.1	.0							5.9	5.[illegible]
ESE	1.9	1.9	.9	.3	.0							4.6	5.3
SE	2.1	3.2	2.2	.6	.1							8.2	5.[illegible]
SSE	3.4	5.[illegible]	4.0	1.1	.0	.0						13.5	6.[illegible]
S	5.5	8.3	6.6	.8	.3							21.2	5.6
SSW	2.3	3.3	2.1	.3	.0							8.0	5.4
SW	1.5	1.8	.9	.2								4.2	4.9
WSW	.8	.6	.3	.0								1.7	4.3
W	.6	.3	.1		.0							.9	3.6
WNW	.3	.1	.0	.0								.4	3.9
NW	.5	.2	.0									.7	3.1
NNW	.4	.1	.1	.0								.7	3.8
VARBL													
CALM												21.0	
	23.7	31.[illegible]	20.2	3.9	.2	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 744[illegible]



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

SURFACE WINDS

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

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69.72-80 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	2.4	4.[illegible]	2.2	.9	.3							9.9	6.[illegible]
NNE	.9	1.3	2.2	.2	.1							4.8	6.7
NE	1.1	.9	.7									2.7	4.5
ENE	1.1		.1									1.2	2.9
E	1.2	.7		.1								2.0	3.4
ESE	.6	1.[illegible]	.1									1.7	4.2
SE	1.2	1.1	.1									2.4	3.3
SSE	2.1	1.8	.8									4.7	4.1
S	3.[illegible]	6.8	5.1	.7								17.4	5.4
SSW	1.9	2.[illegible]	1.0	.1								5.0	4.7
SW	2.2	.7	.1									3.0	2.7
WSW	.7	.1	.1									.9	2.5
W	1.2		.1									1.3	2.1
WNW	.3											.3	1.7
NW	1.[illegible]	.3	.1	.1								1.6	3.7
NNW	1.7	.8	.2	.3								3.0	4.7
VARBL													
CALM												38.1	
	24.7	21.4	12.9	2.4	.4							100.0	3.0

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)

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	3.3	2.6	1.0	.3	.1						11.0	6.2
NNE	.7	1.3	1.7	.6								4.2	6.6
NE	.9	1.1	.4	.1								2.6	4.6
ENE	.9	.7	.1	.1								1.8	4.2
E	.8	.1		.1								1.0	4.0
ESE	.1	.4	.1									.7	4.7
SE	1.0	.8										1.8	2.9
SSE	2.2	1.4	.6									4.2	3.7
S	3.8	4.8	2.6	.1								11.2	4.9
SSW	1.4	1.8	2.1	.6								5.9	6.2
SW	1.0	.4	.1	.1								1.7	3.8
WSW	1.0	.3										1.3	2.7
W	1.1	.1										1.2	2.2
WNW	.4	.4										.9	3.0
NW	1.8	.6										2.3	2.3
NNW	1.8	1.0	.4	.3								3.6	4.5
VARBL													
CALM												44.7	
	22.6	18.7	10.7	3.0	.3	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 4 (STATION) BERGSTROM AFB TX (STATION NAME) 69.72-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) .600-.900 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	4.4	4.4	1.7	.1	.1						15.1	6.2
NNE	2.2	1.6	2.1	.7	.1							6.5	6.2
NE	.7	1.7	1.2									3.3	5.3
ENE	1.4	.2	.4									2.7	4.
E	1.3	.7	.1									2.1	2.1
ESE	.8	.2										1.0	2.7
SE	1.3	.7	.4									2.4	3.6
SSE	1.7	2.1	.7	.1								4.6	4.8
S	2.6	3.1	2.8	.2	.1							8.8	5.6
SSW	1.2	2.1	2.8	.2								6.0	5.3
SW	.8	.2	.6	.1								1.7	5.4
WSW	.6	.1	.1									.5	3.1
W	.6	.1										.7	4.2
WNW	.7											.7	2.1
NW	1.1	.4	.1									1.7	3.2
NNW	1.3	.7	.9									3.3	4.5
VARBL													
CALM												38.7	
	22.6	18.8	16.5	3.0	.3	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] | BERGSTROM AFB TX | 69,72-8[illegible] | SEP
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]-11[illegible]
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.[illegible]	4.9	1.4	.6	.1						11.1	[illegible]
NNE	1.7	2.2	4.1	2.3								10.3	7.3
NE	2.3	3.4	2.7	.6								9.0	5.7
ENE	2.2	2.6	.6	.1								5.4	4.1
E	2.7	1.4	.8	.1								5.0	4.1
ESE	1.8	1.[illegible]	.4									3.2	3.6
SE	1.2	1.[illegible]	1.3									4.1	5.[illegible]
SSE	1.[illegible]	2.[illegible]	1.1	.4								4.9	5.[illegible]
S	[illegible].3	2.6	4.6	1.8	.1							11.6	7.1
SSW	1.7	1.9	5.9	1.4	.2							11.1	7.8
SW	1.6	1.6	2.9	1.6								7.6	7.0
WSW	.3	.7	.3									1.3	5.3
W	.9	.4	.2									1.6	3.6
WNW	.3	.7										1.0	3.7
NW	.4	.2	.2	.2								1.1	5.1
NNW	1.[illegible]	1.1	.2	.2								2.6	4.5
VARBL													
CALM												3.9	
	24.1	25.9	29.9	10.2	.9	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



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

SURFACE WINDS

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

1 [illegible] — STATION
KEESLER AFB MS — STATION NAME
62,72-80 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.2	3.6	1.9	.3	.2						8.0	9.3
NNE	1.2	2.4	4.6	3.0	.1							11.3	8.5
NE	1.8	2.7	3.6	.9								9.1	6.7
ENE	1.7	2.[illegible]	2.3	.1								6.7	5.5
E	2.1	3.4	1.4									7.0	4.7
ESE	1.7	1.1	1.[illegible]	.1								3.9	4.6
SE	1.7	2.1	.7	.2								4.7	4.9
SSE	1.7	2.7	2.3	1.2	.1							[illegible]	[illegible]
S	2.4	5.[illegible]	6.9	2.1	.1	.1						19.7	7.4
SSW	.4	2.6	3.6	1.[illegible]								7.6	7.7
SW	.4	2.1	1.9	1.[illegible]								[illegible]	7.[illegible]
WSW	.7	.7	.3									1.7	4.5
W	.2	.2	.1	.2								.[illegible]	6.7
WNW	.2		.1									.3	3.7
NW	.3	.1	.4									.9	6.1
NNW	.3	.3	.4	.4								2.0	6.4
VARBL													
CALM												6.0	
	16.1	29.2	33.4	12.2	.7	.3						[illegible]	6.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

...	...LSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	2.6	1.4	.3	.1						5.3	10.2
NNE	.7	1.7	4.7	2.9	.1							10.0	9.1
NE	1.	3.7	3.4	1.2								9.3	7.0
ENE	1.7	3.3	2.7	.1								8.2	5.6
E	2.4	4.3	2.8	.4								10.4	5.6
ESE	1.6	3.1	1.6	.8		.1						7.1	6.2
SE	1.3	2.3	3.2	.9								7.8	6.5
SSE	2.3	3.3	3.9	1.9								11.5	6.6
S	2.2	4.	5.9	1.8	.1							14.0	7.3
SSW	.9	1.4	2.2	.6								5.1	7.1
SW	.3	.3	.7	.2								2.0	6.6
WSW		.2	.3									.6	6.6
W		.4			.1							.6	8.5
WNW	.1		.1									.2	5.0
NW	.6	.4	.4	.2	.1							1.8	6.9
NNW	.3	.3	.4	.3	.1							1.6	8.1
VARBL													
CALM												4.2	
	15.8	31.3	34.8	12.8	.9	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 9...

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



...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

... STATION | BERGSTROM AFB TX STATION NAME | 69-72-80 YEARS | SEP MONTH

ALL WEATHER CLASS | 1800-2200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.4	2.9	.8	.4							8.1	7.2
NNE	.3	1.3	3.1	1.2								5.6	8.1
NE	1.1	.9	1.8	.2	.1							4.1	6.4
ENE	1.4	3.[illegible]	1.3									5.8	5.0
E	4.9	5.8	2.1									11.9	4.7
ESE	2.7	2.8	2.4	.4	.1							8.4	5.6
SE	3.1	3.3	3.1	.7								10.7	5.7
SSE	2.9	4.4	5.2	.6								13.1	6.1
S	2.2	4.6	3.6	.8								11.5	5.6
SSW	1.2	.9	.7									[illegible]	4.5
SW	.8	.2	.2	.1								1.3	4.7
WSW	.1	.2										.3	3.7
W	.4	.4										.9	3.3
WNW	.2	.1										.3	3.0
NW	.1	.1										.2	3.0
NNW	.6	.2	.3									1.2	4.3
VARBL													
CALM												12.4	
	23.4	31.9	26.8	4.8	.7							100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [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)

STATION	STATION NAME	YEARS	MONTH
[illegible] 4	BERGSTROM AFB TX	69,72-80	SEP

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	2.3	2.7	1.6	.1							10.2	6.1
NNE	.8	1.6	1.8	.6		.1						4.2	7.7
NE	1.[illegible]	1.4	1.7									4.1	5.6
ENE	.9	.7	.4	.1								2.1	4.9
E	2.[illegible]	1.3	.6									3.9	3.9
ESE	2.3	1.[illegible]	.6									4.2	3.8
SE	1.[illegible]	3.1	.7	.1								[illegible].2	5.1
SSE	2.6	4.1	3.8	.1								10.6	5.6
S	5.1	5.	7.1	1.2	.1							18.6	6.0
SSW	1.1	.7										1.8	3.3
SW	.9											.9	2.[illegible]
WSW	.3	.1	.1									.6	3.8
W	.3											.3	2.3
WNW	.3											.3	2.3
NW	.6	.2										.6	2.7
NNW	1.[illegible]	.4	.1	.1	.1							1.8	5.2
VARBL													
CALM												30.4	
	23.6	22.4	19.5	3.8	.3	.1						100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 899

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...5 — LUBBOCK AFB TX — 69-72-80 — SEP

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.6	3.2	1.3	.3	.1						9.8	7.1
NNE	1.3	1.6	3.3	1.4	.1	.0						7.2	7.8
NE	1.2	2.	1.9	.4	.2							5.5	6.1
ENE	1.4	1.9	1.0	.1								4.2	4.9
E	2.1	2.3	1.2	.1								5.4	4.5
ESE	1.4	1.4	.8	.2	.0	.0						3.8	5.0
SE	1.5	2.1	1.2	.2								4.9	5.3
SSE	2.1	2.8	2.3	.5	.0							7.7	5.6
S	3.3	4.5	4.8	1.1	.1	.0						13.6	6.2
SSW	1.2	1.7	2.3	.5	.0							5.7	6.6
SW	1.3	.8	.8	.4								2.9	6.1
WSW	.5	.3	.2									.9	4.0
W	.6	.2	.1	.0	.0							.9	3.5
WNW	.3	.2	.0									.5	3.6
NW	.7	.3	.2	.1	.0							1.3	4.2
NNW	1.1	.6	.4	.2	.0							2.4	5.1
VARBL													
CALM												22.9	
	21.9	25.0	23.0	6.5	.6	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 7196

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]4	BERGSTROM AFB TX	69,72-8[illegible]	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]00-[illegible]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	2.2	3.1	2.7	2.2	.1							10.2	7.2
NNE	.8	1.4	1.8	.8								4.7	7.1
NE	.6	.6	.8	.4								2.5	5.4
ENE	.6	.4	.1									1.2	3.5
E	.6	.2	.2									1.1	4.1
ESE	.2	.4	.1	.1								.9	5.4
SE	.9	.1	.6	.4								2.0	6.2
SSE	2.	1.9	1.1	.8								5.8	5.7
S	5.6	5.4	3.3	1.3								15.6	5.2
SSW	3.3	2.2	.1	.2								5.8	3.6
SW	3.3	1.3	.1									4.7	2.9
WSW	2.3	.1	.1									2.5	2.2
W	2.5	.2										2.7	2.2
WNW	.4	.2										.6	3.0
NW	.5	.1										.6	2.5
NNW	1.5	1.4	.4									3.3	4.1
VARBL													
CALM												35.7	
	27.4	19.1	11.5	6.1	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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



...AL CLIMATOLOGY BRANCH
...ETAC
AT... WEATHER SERVICE/MAC

SURFACE WINDS

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

1...4 STATION | BERGSTROM AFB TX STATION NAME | 69-72-80 YEARS | OCT MONTH

ALL WEATHER CLASS | 03...-05... HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.3	2.5	.2							12.4	7.1
NNE	.4	1.[illegible]	1.7	.8								3.9	7.8
NE	.4	1.3	1.2	.2								3.1	5.4
ENE	.6	.9	.2									1.7	4.3
E	.5	.1	.1									.8	3.[illegible]
ESE	.6	.4	.1									1.2	3.5
SE	1.1	.4	.3	.1								1.9	4.3
SSE	[illegible]	1.4	1.3	.4								5.2	5.7
S	4.[illegible]	3.1	3.1	1.[illegible]								11.2	[illegible].6
SSW	1.4	1.9	1.1	.1								4.5	5.[illegible]
SW	1.9	1.1										3.[illegible]	3.[illegible]
WSW	.[illegible]											.6	1.6
W	3.[illegible]		.1									3.1	2.[illegible]
WNW	.9	.3		.1								1.3	3.5
NW	1.3	.5	.2									2.0	3.4
NNW	1.5	1.2	.5	.2								3.4	4.7
VARBL													
CALM												40.6	
	22.9	17.8	13.0	5.4	.2							[illegible].[illegible]	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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)

1 + 4 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	4.2	6.3	2.2	.8							17.0	7.3
NNE	1.8	1.2	2.7	.6								6.3	6.7
NE	.6	1.2	1.2	.2								3.2	6.2
ENE	1.1	1.0	.1									2.2	3.6
E	1.3	.6										1.9	3.0
ESE	.8	.5	.3									1.6	4.2
SE	.5	.6	.1	.1								1.4	4.5
SSE	2.5	1.3	1.6									5.4	4.8
S	2.6	4.2	2.3	.9								9.9	5.8
SSW	1.4	1.5	.5									3.4	4.2
SW	1.2	.4	.2									1.8	3.8
WSW	1.3	.2										1.5	2.3
W	1.5	.3										1.8	2.5
WNW	.8		.1									.9	2.6
NW	.8	.5										1.3	3.3
NNW	1.2	.9	.8	.2								3.0	5.2
VARBL													
CALM												37.5	
	22.6	18.7	16.2	4.2	.8							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 93[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)

LTS 4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-72-8C (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.7	2.7	4.9	.6	.2						12.6	9.6
NNE	1.4	2.4	4.3	1.5	.2							9.8	7.7
NE	2.3	1.9	1.7	.8		.1						6.8	6.1
ENE	2.0	1.6	.8	.2								4.6	4.8
E	1.5	2.2	.6	.1								4.4	4.6
ESE	1.8	1.1	.5									3.4	4.0
SE	1.6	.9	.4									2.9	3.8
SSE	1.2	1.5	1.9	1.6	.1							6.3	7.7
S	1.0	4.1	7.0	2.3	.6							14.9	8.2
SSW	1.1	2.2	5.1	.8								9.0	7.6
SW	1.1	2.0	1.8	.4								5.4	6.2
WSW	1.0	.8	.4	.1								2.3	4.5
W	.9	.8	.2									1.8	3.9
WNW	.4	.5	.1									1.1	4.3
NW	.5	.5	.3	.1								1.5	5.4
NNW	.8	.5	.6	.5	.1							2.6	7.4
VARBL													
CALM												10.5	
	19.9	25.6	28.6	13.3	1.7	.3						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)

13964 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.2	3.7	5.6								14.0	9.2
NNE	.6	2.0	3.2	2.6	.2							8.7	8.3
NE	1.5	2.3	1.5	.8								6.6	6.1
ENE	1.3	1.7	.8	.1								3.9	4.7
E	1.8	2.1	.8									4.6	4.3
ESE	2.0	1.7	.8									4.5	4.4
SE	1.7	2.2	1.2	.5								5.6	5.2
SSE	1.3	2.5	4.6	1.4								10.3	7.
S	1.2	2.2	9.4	3.3	.5							19.6	6.4
SSW	.5	1.9	3.5	1.3								7.3	7.9
SW	.1	1.5	1.4	.2								3.2	7.0
WSW	.6	1.1	.2	.2								2.2	5.1
W	.4	.4	.4									1.3	5.0
WNW	.3	.1	.1									.5	4.3
NW	.4	.3	.2	.5								1.5	7.4
NNW	.5	.2	1.0	1.0	.1							2.8	9.3
VARBL													
CALM												3.4	
	17.1	28.4	32.7	17.5	.9							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 93[illegible]



...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...4	BERGSTROM AFB TX	69.72-80	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1300-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	3.9	4.1	.4							11.5	9.3
NNE	.6	3.	4.4	2.8	.2							11.1	8.6
NE	1.8	2.4	1.8	.6								6.7	6.3
ENE	1.8	2.5	.6	.2								5.2	4.8
E	1.9	3.3	1.0									6.2	4.6
ESE	1.4	2.0	1.5									4.9	5.1
SE	1.3	2.7	1.5	.8	.1							6.3	6.3
SSE	1.9	4.5	4.4	2.3	.1							13.2	7.7
S	1.7	5.4	3.1	2.6	.1							12.9	7.6
SSW	.7	2.2	2.2	.5								5.2	6.3
SW	.1	1.2	.9	.1								2.3	6.5
WSW	.3	.5	.2									1.1	4.4
W		.1										.1	4.0
WNW	.3	.2	.3									.9	5.3
NW	.1	.5	.4	.1								1.2	5.3
NNW	.5	.8	.8									2.0	5.5
VARBL													
CALM												3.2	
	15.4	33.3	33.0	14.1	1.0							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 931

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 [illegible] 4 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.8	2.6	1.6	.2							8.7	7.2
NNE	.9	2.4	4.	1.2	.2							8.6	7.7
NE	1.1	1.6	.8	.1								3.6	5.1
ENE	1.8	1.4	.3									3.5	3.6
E	2.9	3.5	.1									6.6	3.7
ESE	1.9	2.5	.5									4.9	4.1
SE	2.7	3.4	1.7	.3								[illegible]	4.[illegible]
SSE	4.4	6.3	4.	1.4	.1	.1						16.3	6.[illegible]
S	6.1	6.6	1.8	.4								[illegible]	4.3
SSW	1.6	1.2	.4	.1								3.3	4.3
SW	.9	.3										1.2	2.7
WSW	.4	.1										.5	2.2
W	.5	.3										.9	2.9
WNW	.3	.3	.1									.8	3.9
NW	.4	.2	.1									.6	4.3
NNW	.9	.4	.1	.1								1.5	4.2
VARBL													
CALM												15.7	
	28.4	33.9	16.6	5.3	.5	.1						100.[illegible]	4.4

TOTAL NUMBER OF OBSERVATIONS 93[illegible]



...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

1 ...5 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

2130-2307 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.3	2.6	1.4	.1							9.5	6.7
NNE	.9	1.1	2.4	1.3								5.7	7.6
NE	.5	1.1	1.4	.2								3.2	6.6
ENE	.9	.9										1.6	5.4
E	1.3	.4										1.4	2.9
ESE	1.1	1.4	.3									2.7	4.4
SE	2.1	1.7	1.4	.1								5.3	5.1
SSE	1.9	3.3	3.4	1.1	.2							10.3	6.7
S	4.4	7.6	5.5	1.1								18.6	5.6
SSW	3.1	2.7	.2									6.0	3.5
SW	1.4	1.3										2.7	4.1
WSW	1.6	.1										1.7	2.4
W	2.2	.3										2.5	2.3
WNW	.4	.1										.5	2.6
NW	1.5	.3	.2									1.5	3.9
NNW	.2	1.2	.2	.2								1.8	6.2
VARBL													
CALM												25.5	
	24.3	27.2	17.6	5.1	.3							[illegible]	4..

TOTAL NUMBER OF OBSERVATIONS 57..



...L ...AL CLIMATOLOGY BRANCH
... AFETAC
A... ...EATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...	...ERRSTROM AFB TX	68,72-...	OCT

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....	3.2	3.4	3.1	.3	....						12....	...
NNE	....	1....	3.1	1.4	.1							7.3	7....
NE	1.1	1.6	1.3	.4		....						4.5	6....
ENE	1....	1.2	.4	.1								3....	4.2
E	1....	1.4	.3	....								3.4	4....
ESE	.2	1....	....	....								3....	4.4
SE	1....	1....	....	.3	....							4.2	5.2
SSE	2.2	2....	2.6	1.1	.1	....						8.1	6....
S	3.3	5.2	5....	1.6	.2							15....	7
SSW	1....	2....	1.6	.4								5.6	5.7
SW	1.2	1.1	.6	.1								3....	4.6
WSW	1.	.4	.1	....								1.5	3....
W	1.4	.3	.1									1.6	2....
WNW	....	....	.1	....								.9	3.7
NW	.6	.4	.2	.1								1.3	4....
NNW	....	.3	.6	.3	....							2....	5.9
VARBL													
CALM												21....	
	....2.2	25.5	....1.2	9.9	.7	.1						...0.2	4....

TOTAL NUMBER OF OBSERVATIONS 744

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

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

SURFACE WINDS

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

[illegible] 4 — SEYMOUR AFB TX — 69-72-9[illegible] — 10,
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	4.3	6.9	2.4	.4							17.2	7.6
NNE	.7	2.	2.4	1.[illegible]	.3							6.4	8.[illegible]
NE	.1	.3	.6		.1							1.1	7.1
ENE	.1	.3	.1									.7	4.[illegible]
E	.2	.1	.1									1.1	3.[illegible]
ESE	.4	.2										.7	2.8
SE	.[illegible]	1.[illegible]	1.1	.1								2.5	6.4
SSE	.[illegible]	1.[illegible]	.2	.3								3.1	[illegible].[illegible]
S	1.7	4.9	3.6	.8	.2							11.1	[illegible].[illegible]
SSW	.[illegible]	2.[illegible]	1.[illegible]	.7								[illegible].6	4.[illegible]
SW	.[illegible]	.[illegible]	.8									3.1	3.9
WSW	1.4	.3										[illegible].2	2.[illegible]
W	2.7	.2	.3									[illegible].[illegible]	[illegible].[illegible]
WNW	[illegible].[illegible]	.4	.[illegible]									2.7	3.[illegible]
NW	[illegible].[illegible]	.[illegible]	.6	.4								3.9	5.1
NNW	1.[illegible]	1.2	1.6	.7	.1							4.6	7.4
VARBL													
CALM												23.1	
	[illegible].6	21.[illegible]	[illegible].1	6.4	1.2							[illegible].[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

L PAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] | BERGSTROM AFB TX | 69,72-80 | NOV
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	5.6	6.[illegible]	4.[illegible]	.4							19.7	7.4
NNE	.9	2.[illegible]	2.6	1.1	.5							7.1	8.3
NE	.3	.3	.4									1.6	[illegible]
ENE	.6	.4	.3									1.3	4.3
E	.3	.1										.3	[illegible]
ESE	.7	.7										1.[illegible]	[illegible]
SE	.6	.[illegible]	.3									.2	4.[illegible]
SSE	.7	1.2	.3	.2								2.4	5.5
S	1.[illegible]	3.[illegible]	2.8	.2								[illegible].9	[illegible]
SSW	1.3	1.4	1.2	.3								4.3	5.6
SW	1.8	1.4	.3	.2								3.8	4.5
WSW	1.[illegible]	.7	.1									[illegible].1	3.4
W	2.3	.7										3.[illegible]	[illegible].6
WNW	2.7	.9										3.6	2.7
NW	1.6	1.3	1.[illegible]	.7								4.[illegible]	[illegible].9
NNW	1.3	1.[illegible]	1.4	.8								4.6	6.6
VARBL													
CALM												31.3	
	21.7	21.6	16.9	7.6	1.0							1[illegible]0.0	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



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

SURFACE WINDS

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

[illegible] 4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-72-8[illegible] (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0600-1800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	5.2	5.8	5.3	.7	.1						20.0	6.3
NNE	.9	1.6	2.7	1.4	.4							7.0	6.4
NE	.3	1.2	.6	.3								2.9	5.6
ENE	.6	.6		.1								1.2	4.4
E	.8	.2	.3									1.3	3.8
ESE	.8	.2	.2									1.2	3.7
SE	.1	.6	.3									1.0	4.9
SSE	.4	1.2	.3									2.1	5.5
S	2.2	2.9	1.9	.6								[illegible].6	5.4
SSW	1.8	1.5	1.7	.1								[illegible].1	5.3
SW	1.7	.7	.4	.3								3.1	4.7
WSW	.9	.6										1.4	3.6
W	2.1	1.1	.1									3.3	3.[illegible]
WNW	.9	1.[illegible]	.2									2.1	3.9
NW	1.2	1.1	.6	.2								3.1	5.3
NNW	2.2	1.3	2.8	.7	.2							7.7	6.6
VARBL													
CALM												28.7	
	21.2	21.6	17.9	9.1	1.3	.1						[illegible].5	4.5

TOTAL NUMBER OF OBSERVATIONS 699

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]	BERGSTROM AFB TX	69,72-80	NOV

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	5.3	6.9	1.1							16.9	10.4
NNE	1.2	1.7	5.8	3.2	.6	.1						12.3	9.3
NE	1.7	1.3	2.6	.3	.1							6.0	6.5
ENE	1.4	1.2	.3									3.0	4.1
E	1.4	1.8	.1									3.3	3.6
ESE	1.1	1.1	.2	.1								2.4	4.3
SE	.7	1.2	.3	.2								2.2	5.3
SSE	1.3	1.2	1.	.4								4.0	5.5
S	1.2	2.7	4.6	2.8	.1							11.6	8.2
SSW	1.1	2.0	3.6	1.1								8.3	7.4
SW	1.2	1.3	1.3	1.2	.1							5.2	7.3
WSW	.6	.9	.2	.1	.1							1.9	5.9
W	1.7	.4	.3									2.4	5.6
WNW	.1	.4	.9	.3								1.8	8.1
NW	.8	.3	1.0	1.0								3.1	8.5
NNW	1.2	1.3	1.1	1.8	.7	.2						6.1	9.5
VARBL													
CALM												8.8	
	19.1	21.3	28.9	19.3	2.8	.3						100.6	7.1

TOTAL NUMBER OF OBSERVATIONS: 900

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



...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...4	BERGSTROM AFB TX	69-72-80	NOV

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	2.2	6.4	6.6	1.6	.1						17.9	10.6
NNE	.7	2.0	3.3	3.1	.7	.3						10.1	10.1
NE	1.2	2.9	2.7	.7	.1							7.3	6.6
ENE	1.0	.7	.8	.3								2.8	5.9
E	1.9	1.3	.3									3.2	3.5
ESE	1.0	.9	.7									2.6	4.9
SE	.8	1.6	1.1	.6								4.0	6.2
SSE	.8	1.1	1.7	1.1								4.7	7.8
S	.7	2.7	5.7	4.0	.9							13.9	9.7
SSW	.5	1.1	5.4	3.6	.1							10.9	9.4
SW	.9	1.2	2.1	2.1								6.2	8.5
WSW	.2	.8	.6	.2								1.9	6.5
W	.2	.6		.1								1.0	5.2
WNW	.1	.2	.2	.6								1.1	9.7
NW	.6	.7	.4	.9	.3							2.9	9.4
NNW	.8	.9	1.3	1.9	.8	.1						5.8	10.4
VARBL													
CALM												3.6	
	12.6	20.4	32.8	25.7	4.4	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS ...9

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69,72-8[illegible] YEARS | NOV MONTH

ALL WEATHER CLASS | [illegible]00-17[illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.2	5.9	6.7	1.2	.4						16.8	1[illegible].9
NNE	.9	2.1	5.6	2.9	.1							11.6	8.7
NE	.9	2.2	2.2	.7	.1							6.1	7.[illegible]
ENE	1.6	2.3	.2									4.1	4.[illegible]
E	1.3	1.7	.7									3.7	4.3
ESE	1.1	1.[illegible]	.6	.1								[illegible].8	4.6
SE	.8	1.4	1.6	.8								4.6	7.[illegible]
SSE	1.[illegible]	2.6	1.7	1.4								[illegible].7	7.1
S	1.4	4.7	6.3	4.2	.6							17.2	[illegible].5
SSW	.4	2.1	3.1	2.0								7.7	8.4
SW	.1	1.[illegible]	2.[illegible]	.4								4.3	7.5
WSW	.3	1.2	.4	.1								2.1	5.7
W	.3	.4	.2									1.0	4.3
WNW	.7	.2	.3									1.2	4.6
NW	.1	.2	.3	1.0	.1							1.8	11.3
NNW	.4	1.[illegible]	1.1	1.6	.3							4.4	9.7
VARBL													
CALM												4.0	
	11.8	27.2	32.2	21.9	2.4	.4						100.[illegible]	7.8

TOTAL NUMBER OF OBSERVATIONS [illegible]00

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



...AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

... STATION | REESE AFB TX STATION NAME | 69-72-2C YEARS | NOV MONTH

ALL WEATHER CLASS | 18-21 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	4.9	5.1	3.3	.8							16.8	6.2
NNE	1.2	2.7	3.9	1.4								9.3	7.2
NE	1.7	2.1	1.2									4.7	5.0
ENE	.9	1.2	.1									2.2	3.7
E	2.5	1.0										3.5	2.6
ESE	.8	1.1	.2									2.8	4.9
SE	1.3	1.7	1.2			.1						4.3	5.4
SSE	2.3	4.6	1.8	.9	.1							9.7	5.9
S	3.2	7.1	1.6	.6	.1							14.6	4.7
SSW	1.3	2.1	.1	.1								4.7	3.7
SW	.7	1.1	.2									2.0	4.0
WSW	.6	.4	.1									1.1	3.6
W	.3	.3	.1									1.2	2.9
WNW	.1	.3	.1									.6	4.6
NW	.7	.4	.3	.3								1.8	6.1
NNW	1.4	.7	1.4	.7	.1							4.3	6.5
VARBL													
CALM												16.4	
	24.9	32.1	18.1	7.4	1.1	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 897

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BERGSTROM AFB TX	69,72-80	NOV

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	4.7	6.1	2.9	.7	.1						17.1	8.0
NNE	1.0	1.4	2.1	1.1								5.7	7.5
NE	.1	1.2	1.2	.1								2.7	7.3
ENE	.6	.7										1.2	4.2
E	.4	.8										1.2	3.4
ESE	.2	.1	.2									.6	5.9
SE	.3	1.2	1.8									3.3	6.1
SSE	1.4	2.6	1.9	.6								6.5	6.
S	3.7	7.5	2.6	1.3	.1							15.2	5.8
SSW	2.3	2.?	.3									4.7	3.4
SW	1.6	1.6	.1									3.2	3.5
WSW	1.6	1.4	.2									3.2	3.5
W	2.2	.4										2.7	2.8
WNW	1.1	.6	.1			.1						1.9	4.4
NW	1.2	.4	.1									1.8	3.4
NNW	1.8	.7	1.2	.8	.2							4.7	6.8
VARBL													
CALM												24.0	
	22.6	27.3	18.1	6.8	1.0	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 897

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]4	PERRYTON AFB TX	69-72-80	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	2.[illegible]	4.[illegible]	6.[illegible]	4.8	.9	.1						17.7	[illegible].9
NNE	.9	1.9	3.5	1.9	.3	.1						[illegible].7	[illegible].6
NE	.3	1.5	1.4	.3	.1							4.[illegible]	[illegible].3
ENE	.[illegible]	1.[illegible]	.2	.1								[illegible].1	4.3
E	1.2	.[illegible]	.2									2.2	3.5
ESE	.5	.7	.3	.[illegible]								1.6	4.4
SE	.7	1.1	.9	.2		.[illegible]						[illegible].[illegible]	[illegible].[illegible]
SSE	1.2	2.[illegible]	1.2	.6	.[illegible]							[illegible].[illegible]	[illegible].1
S	2.[illegible]	4.4	3.6	1.8	.3							12.[illegible]	[illegible].6
SSW	1.6	1.9	2.1	1.[illegible]	.[illegible]							[illegible].5	6.6
SW	1.2	1.2	.9	.5	.[illegible]							[illegible].9	6.[illegible]
WSW	.9	.[illegible]	.2	.1	.[illegible]							[illegible].[illegible]	4.[illegible]
W	1.6	.6	.1	.[illegible]								[illegible].3	3.1
WNW	1.[illegible]	.5	.3	.1		.[illegible]						1.[illegible]	4.5
NW	1.[illegible]	.7	.5	.6	.1							2.9	[illegible].7
NNW	1.3	1.1	1.5	1.1	.3	.[illegible]						5.3	[illegible].[illegible]
VARBL													
CALM												13.1	
	19.4	24.2	23.1	13.[illegible]	1.9	.2						[illegible]00.[illegible]	5.7

TOTAL NUMBER OF OBSERVATIONS 7193

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



...AL CLIMATOLOGY BRANCH
...AFETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...4	BERGSTROM AFB TX	68-69,72-79	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): ...00-...21

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.9	5.7	3.8	1.3							16.2	9.1
NNE	.4	.6	1.8	2.0	.2							5.2	10.7
NE	.6	.2	.2									1.1	4.6
ENE	.5	.1										.6	3.2
E	.5	.3										.9	3.5
ESE	.3	.1	.1									.5	3.5
SE	.2	.9	.3									1.4	5.5
SSE	1.2	1.3	.9	.4	.1							3.9	6.4
S	3.5	4.1	4.[illegible]	1.1	.3							13.0	6.1
SSW	1.3	1.7	2.6	.6								6.2	6.5
SW	2.[illegible]	1.2	.2									3.4	3.7
WSW	1.3	1.[illegible]										2.3	3.1
W	2.7	1.[illegible]	.1									3.8	2.8
WNW	1.[illegible]	.8	.5	.2		.1						2.6	5.3
NW	1.[illegible]	1.1	1.[illegible]	.3		.1						3.4	6.4
NNW	1.2	1.3	1.8	1.5	.1							5.9	7.9
VARBL													
CALM												29.6	
	19.6	19.4	19.2	10.0	2.[illegible]	.2						1[illegible].[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS 93

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

...AL CLIMATOLOGY BRANCH
...AFETAC
A... ...EATHER SERVICE/MAC

SURFACE WINDS

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

... | HERBSTROM AFB TX | 69-69,72-79 | DEC
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

... | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	4.9	5.9	3.9	1.8	.1						18.4	9.2
NNE	.4	1.1	1.4	.9								3.8	6.1
NE	.4	.4	.2									1.1	4.4
ENE	.6	.1										.8	2.6
E	.6	.2										.9	2.8
ESE	.6	.3										1.2	3.1
SE	.3	.4										.8	3.6
SSE	1.3	.4	1.2	.1								2.5	5.2
S	2.3	4.3	2.0	.9	.3							9.8	6.3
SSW	1.5	1.7	2.6	.4	.2							6.5	6.5
SW	1.3	1.3	.4									2.7	4.2
WSW	1.4	.2	.1									1.7	2.8
W	2.2	.9	.2									3.2	3.3
WNW	1.5	1.1	.3									2.9	3.9
NW	1.6	1.0	1.2	.6	.1	.1						4.6	7.0
NNW	1.9	1.5	1.4	1.5								6.3	6.7
VARBL													
CALM												33.2	
	19.1	19.9	16.8	8.3	2.5	.2						11.2	4.4

TOTAL NUMBER OF OBSERVATIONS 93.

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

...AL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L.S.T.): 0[illegible]-[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.7	6.2	4.8	2.2							19.1	9.4
NNE	.4	1.4	1.4	.6	.2							4.1	7.6
NE		.9	.3	.2								1.4	7.2
ENE	.2	.4	.2									.9	5.2
E	.2	.1	.1									.4	4.2
ESE	.4	.1										.5	2.8
SE	1.2	.6										1.8	3.1
SSE	.8	.6	.3									1.7	4.5
S	2.3	3.2	2.8	1.3	.1							9.2	6.6
SSW	1.9	1.6	1.9	.3	.2							5.8	6.3
SW	.8	.9	.6	.1								2.4	5.1
WSW	.6	.3	.2									1.4	4.1
W	1.5	1.2	.3	.1								3.9	4.5
WNW	.2	.5	.1	.2								1.0	5.2
NW	.9	2.1	1.2	.3	.1							4.3	6.1
NNW	1.5	2.9	2.4	1.0	.1	.1						8.0	6.3
VARBL													
CALM												34.2	
	15.5	20.3	13.0	9.0	2.9	.1						[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



AL CLIMATOLOGY BRANCH
USAFETAC
[illegible] SERVICE/MAC

SURFACE WINDS

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

[illegible] | LAUGHLIN AFB TX | 63-69, 72-79 | DEC
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 9 -11
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.5	5.2	6.3	2.2	.4						18.4	11.2
NNE	1.[illegible]	3.3	3.3	2.0	.1	.2						10.0	9.1
NE	1.[illegible]	1.3	1.5	.3								4.1	6.3
ENE	.6	.5										1.1	3.[illegible]
E	.9	.3	.4									1.7	4.[illegible]
ESE	.9	.4	.1									1.3	3.2
SE	1.1	.5	.4									2.0	4.[illegible]
SSE	1.[illegible]	1.[illegible]	.5	.3	.1							6.[illegible]	5.[illegible]
S	1.3	2.[illegible]	3.1	3.7	.3							11.4	8.4
SSW	1.2	1.[illegible]	2.7	3.1	.6							8.6	8.9
SW	.[illegible]	1.2	1.5	1.1								4.3	[illegible]
WSW	.2	.[illegible]	.3	.1								1.[illegible]	[illegible].1
W	.5	.2	.6	.2								1.6	[illegible].5
WNW	.4	.6		.3	.1							1.5	6.6
NW	.2	1.4	1.1	1.1		.1						3.9	7.6
NNW	1.[illegible]	1.5	2.7	1.9	.5	.2						7.8	9.3
VARBL													
CALM												15.1	
	14.7	21.2	23.5	20.5	4.0	1.0						1 [illegible]	7.1

TOTAL NUMBER OF OBSERVATIONS [illegible]2.

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] 4 — STATION
BERGSTROM AFB TX — STATION NAME
68-69,72-79 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
[illegible]-14[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	4.4	6.6	2.3	.4						16.6	11.[illegible]
NNE	.6	2.6	3.6	2.7	.5							9.6	7.[illegible]
NE	1.2	2.[illegible]	1.8	.1								5.2	5.6
ENE	1.[illegible]	1.5	.5									3.[illegible]	5.4
E	.4	1.2	.1									2.0	5.[illegible]
ESE	1.2	.5	.3									1.[illegible]	5.[illegible]
SE	1.2	.[illegible]	.2	.1								2.4	4.[illegible]
SSE	.6	1.4	.5	.3	.2							[illegible].3	7.[illegible]
S	.8	3.4	6.1	4.2	1.[illegible]							15.5	9.4
SSW	.3	1.2	4.2	7.3	.8							14.[illegible]	11.1
SW	.5	.2	1.5	1.7	.8							4.7	11.3
WSW	.4	.3	.2	.1								1.1	5.6
W	.5	.6	.6									1.[illegible]	5.4
WNW	.3	.4	.9	.6	.1							2.4	8.4
NW	.5	.3	1.9	1.6	.2	.2						4.[illegible]	10.[illegible]
NNW	.[illegible]	1.4	1.2	2.0	.8	.2						6.2	10.3
VARBL													
CALM												9.7	
	12.6	19.7	27.6	26.9	6.6	1.[illegible]						[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]3[illegible]

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



...AL CLIMATOLOGY BRANCH
...TAC
...SYSTEMS SERVICE/AA

SURFACE WINDS

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

... STATION | ...STROM AFB TX STATION NAME | 6...-69,72-79 YEARS | DEC MONTH

ALL WEATHER CLASS | 15...-17... HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.9	4.3	5.9	2.[illegible]	.2						[illegible].2	11.[illegible]
NNE	.4	2.4	3.3	2.3	.3							[illegible].7	6.9
NE	.9	1.3	3.[illegible]	.2	.1							5.7	5.9
ENE	1.2	1.4		.1								3.[illegible]	4.1
E	.7	1.9	.3									4.9	3.[illegible]
ESE	.2	.[illegible]	.3	.2								1.5	5.[illegible]
SE	.[illegible]	1.2	.6	.3	.1							3.1	5.[illegible]
SSE	1.[illegible]	3.[illegible]	1.8	.5	.2							6.6	5.7
S	1.2	4.7	5.9	4.9	.5	.1						[illegible].4	8.7
SSW	.5	1.2	3.7	3.3	.3							9.1	9.8
SW	.3	.3	1.1	1.1								[illegible].[illegible]	9.2
WSW	.4	.4	.5	.1								1.[illegible]	8.7
W	.4	.2	.5					.1				1.2	7.5
WNW	.2	.3	.8	.3	.2		.1					[illegible].[illegible]	1.[illegible]
NW	.3	.9	1.5	1.3								4.[illegible]	6.[illegible]
NNW	.5	.4	1.5	2.3	.9	.2						5.8	11.8
VARBL													
CALM												4.3	
	12.[illegible]	22.4	32.3	22.9	4.7	.6	.1	.1				[illegible].[illegible]	8.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]2

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

...AL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...	BERGSTROM AFB TX	68-69,72-79	DEC

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ...

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.3	5.1	4.4	.6							14.2	5.4
NNE	.5	2.3	1.8	2.6	.1							6.6	6.8
NE	.8	1.8	.6	.1								3.3	5.1
ENE	1.3	1.1										2.4	3.4
E	1.8	1.6										3.2	3.5
ESE	1.6	1.3	.3	.4								3.3	4.1
SE	1.8	.5	.3	.2	.1							3.0	5.1
SSE	2.2	4.3	3.4	1.3	.1							11.3	6.6
S	3.6	8.1	1.8	.3								14.0	4.7
SSW	1.6	3.2	1.2									6.0	4.8
SW	1.4	1.8	.3									3.1	4.3
WSW	.3	.6	.2									1.2	4.9
W	1.1	.5	.2									.8	3.9
WNW	.6	.6	.1	.4	.2							2.0	7.2
NW	.4	.9		.1								1.4	4.4
NNW	.8	2.4	1.1	1.1	.1	.1						5.5	7.7
VARBL													
CALM												18.1	
	21.1	33.5	15.9	11.0	1.3	.1						1 3.2	5.1

TOTAL NUMBER OF OBSERVATIONS 992

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

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...54 | BERGSTROM AFB TX | 68-69,72-79 | DEC
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

2100-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.0	4.3	4.1	.4	.1						13.9	9.1
NNE	.7	1.7	1.3	2.8	.5	.1						6.5	11.3
NE	.6	.6	.3	.1								1.7	5.1
ENE	.2	.3										.6	5.3
E	.8	.6										1.4	3.2
ESE	.3	1.2	.3									1.6	4.5
SE	.2	1.2	.5	.1								2.3	5.2
SSE	1.5	.9	2.3	1.2	.1							5.9	7.6
S	2.7	5.7	3.9	1.3	.4							14.0	6.5
SSW	1.3	3.3	1.4	.1								6.7	5.2
SW	1.1	1.5	.6									3.3	4.5
WSW	1.1	1.1	.2									2.4	4.2
W	3.2	1.6	.2	.1								5.2	3.4
WNW	.9	.9	.1		.1							1.9	4.7
NW	.5	.6	.5	.5		.1						2.4	6.2
NNW	.6	1.7	1.0	.9	.4	.1						4.7	8.8
VARBL													
CALM												25.4	
	17.6	26.7	16.7	11.2	2.0	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 93

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] | BERGSTROM AFB TX | 68-69,72-79 | DEC
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.3	5.1	4.9	1.6	.2						16.5	9.9
NNE	.6	1.9	2.[illegible]	2.0	.3	.[illegible]						6.8	[illegible].9
NE	.7	1.1	1.[illegible]	.1	.[illegible]							2.[illegible]	5.9
ENE	.7	.7	.1	.[illegible]								1.[illegible]	3.[illegible]
E	1.[illegible]	.[illegible]	.1									1.9	[illegible].6
ESE	.3	.[illegible]	.2	.1								1.[illegible]	4.1
SE	.[illegible]	.7	.3	.1	.[illegible]							[illegible].1	4.7
SSE	1.2	1.6	1.4	.5	.1							4.8	[illegible].[illegible]
S	[illegible].3	4.5	4.1	2.2	.4	.[illegible]						13.5	7.3
SSW	1.[illegible]	2.[illegible]	2.5	1.9	.3							[illegible].[illegible]	8.[illegible]
SW	.9	1.1	.8	.5	.1							3.4	[illegible].6
WSW	.9	.6	.2	.[illegible]								1.7	4.2
W	1.5	.9	.4	.1				.[illegible]				2.7	4.1
WNW	.7	.7	.3	.3	.1	.[illegible]	.[illegible]					2.1	[illegible].4
NW	.7	1.[illegible]	1.[illegible]	.7	.1	.1						3.6	7.6
NNW	1.[illegible]	1.6	1.6	1.5	.4	.1						6.3	[illegible].6
VARBL													
CALM												[illegible]0.7	
	16.5	[illegible]2.9	21.3	15.0	3.3	.5	.0	.0				100.[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 7439

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



...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...4 (STATION) BERGSTROM AFB TX (STATION NAME) 68-72,72-8... (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	1.3	2.4	3.2	3.0	.7	.1	.0					10.7	9.1
NNE	.7	1.5	2.3	1.5	.2	.0						6.3	8.5
NE	.8	1.3	1.2	.3	.1	.0	.0					3.6	6.3
ENE	.9	1.1	.5	.1	.0							2.6	4.3
E	1.2	1.5	.6	.1	.0	.0						3.5	4.7
ESE	.9	1.2	.8	.2	.0	.0						3.1	5.5
SE	1.3	2.1	1.8	.5	.0	.0						5.8	6.2
SSE	1.9	3.4	3.6	1.7	.1	.0						10.6	7.1
S	3.2	6..	6..	2.4	.2	..						17.9	6.9
SSW	1.5	2.2	2.1	.9	.1	.0						6.7	6.6
SW	1..	1.1	.8	.3	.0		.0					3.3	5.7
WSW	.7	.5	.2	.1	.0	.0						1.5	4.4
W	1..	.5	.2	.1	..	.0	.0	.0				1.7	4.2
WNW	.5	.3	.2	.1	.0	.0	.0					1.2	6.1
NW	.6	.5	.4	.4	.1	..	.0					2.0	7.4
NNW	.7	.7	.8	.8	.2	.0	.0					3.2	8.4
VARBL	.0											.0	3.0
CALM												16.5	
	18.2	26.3	24.7	12.4	1.7	.2	.0	.0				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 87635

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



GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1[illegible]4	BERGSTROM AFB TX	66-70,72-80	ALL
STATION	STATION NAME	YEARS	MONTH

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.3	5.4	4.5	.8	.1						15.2	9.3
NNE	.9	2.4	4.3	2.6	.2	.0						10.5	8.3
NE	.9	1.[illegible]	[illegible].5	.5	.2							4.7	8.4
ENE	.9	1.[illegible]	.6	.1								2.9	5.1
E	1.4	1.6	.8	.1								3.8	4.[illegible]
ESE	.9	1.6	1.[illegible]	.4	.0	.0						4.6	6.1
SE	1.4	2.2	2.[illegible]	.5	.0							5.2	6.1
SSE	1.8	3.2	3.[illegible]	1.3	.1							9.3	6.8
S	3.8	6.3	6.9	2.0	.1							19.0	6.8
SSW	.8	2.[illegible]	2.6	.7	.0							6.1	7.1
SW	.5	.8	.7	.2	.[illegible]							1.9	6.2
WSW	.3	.3	.1	.0	.0	.0						.7	4.9
W	.3	.2	.1	.1	.1							.7	5.5
WNW	.1	.1	.0	.0								.3	4.9
NW	.3	.3	.3	.2	.1	.0						1.1	7.6
NNW	.4	.4	.8	.7	.[illegible]	.0						2.4	8.6
VARBL													
CALM												12.2	
	14.9	27.5	30.2	13.7	1.4	.1						1[illegible].9	6.2

TOTAL NUMBER OF OBSERVATIONS 11996

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

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

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

Continued on Reverse Side



EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13974 BERGSTROM AFB TX 69-70,73-80 JAN

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
	41.2	45.5	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.1	46.1
NO CEILING	43.7	48.2	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.9	48.9
≥ 20000	44.2	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.5	49.5
≥ 18000	44.2	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.5	49.5
≥ 16000	44.8	49.4	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.1	50.1
≥ 14000	44.9	49.5	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.2	50.2
≥ 12000	45.3	49.8	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.5	50.5
≥ 10000	45.4	49.9	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.6	50.6
≥ 9000	45.6	50.1	50.4	50.5	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.1	51.2
≥ 8000	46.1	51.0	51.3	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.9	52.0
≥ 7000	47.4	52.4	52.7	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.4
≥ 6000	48.4	53.9	54.2	54.3	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8	54.9
≥ 5000	49.2	55.5	55.8	55.9	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.5	56.6
≥ 4500	49.6	56.1	56.5	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.1	57.2
≥ 4000	50.8	57.6	58.0	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6	58.7
≥ 3500	51.8	59.4	59.7	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.3	60.4
≥ 3000	54.4	63.2	63.5	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.4	64.5
≥ 2500	56.2	66.0	66.6	67.0	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6	67.7
≥ 2000	57.2	67.5	68.2	68.7	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4	69.5
≥ 1800	58.5	69.9	70.6	71.2	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.3	72.4
≥ 1500	59.6	72.4	73.8	74.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.9	76.0
≥ 1200	59.8	74.7	76.3	77.3	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.1
≥ 1000	59.9	75.7	77.6	78.7	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.5	80.6
≥ 900	59.9	76.9	79.0	80.2	81.8	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.5
≥ 800	59.9	78.0	80.3	81.6	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.8	83.9
≥ 700	60.2	79.8	82.4	83.9	85.8	85.8	85.9	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.5	86.6
≥ 600	60.2	80.6	83.3	85.4	88.1	88.2	88.7	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.4	89.5
≥ 500	60.2	80.8	83.9	86.2	89.7	89.9	90.5	91.1	91.3	91.6	91.8	91.8	92.0	92.0	92.2	92.3
≥ 400	60.2	80.8	84.0	86.6	90.2	90.8	91.6	92.3	92.6	93.2	93.4	93.4	93.7	93.7	93.8	93.9
≥ 300	60.2	80.8	84.0	86.6	90.2	90.9	91.8	92.5	93.2	94.4	94.8	94.8	95.3	95.3	95.6	95.7
≥ 200	60.2	80.8	84.0	86.6	90.2	91.0	91.9	92.7	93.4	94.7	95.6	95.6	96.2	96.2	97.0	97.2
≥ 100	60.2	80.8	84.0	86.6	90.2	91.0	91.9	92.7	93.4	94.7	95.7	95.7	96.5	96.6	98.0	100.0
≥ 0																

930

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 BERGSTROM AFB TX 69-70,73-80 JAN

STATION STATION NAME YEARS

0300-0500

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
	37.0	41.8	41.9	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	43.0
NO CEILING	38.2	43.2	43.3	44.0	44.3	44.3	44.3	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.7
≥ 20000	38.2	43.2	43.3	44.0	44.3	44.3	44.3	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.7
≥ 18000 ≥ 16000	38.2	43.3	43.4	44.1	44.4	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.8
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17974	BERGSTROM AFB TX	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.2	45.5	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.1	46.1
≥ 20000	43.7	48.2	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.9	48.9
≥ 18000	44.2	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.5	49.5
≥ 16000	44.2	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.5	49.5
≥ 14000	44.8	49.4	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.1	50.1
≥ 12000	44.9	49.5	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.2	50.2
≥ 10000	45.3	49.8	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.5	50.5
≥ 9000	45.4	49.9	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.6	50.6
≥ 8000	45.6	50.1	50.4	50.5	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.1	51.2
≥ 7000	46.1	51.0	51.3	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.9	52.0
≥ 6000	47.4	52.4	52.7	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.4
≥ 5000	48.4	53.9	54.2	54.3	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8	54.9
≥ 4500	49.2	55.5	55.8	55.9	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.5	56.6
≥ 4000	49.6	56.1	56.5	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.1	57.2
≥ 3500	50.8	57.6	58.0	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6	58.7
≥ 3000	51.8	59.4	59.7	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.3	60.4
≥ 2500	54.4	63.2	63.5	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.4	64.5
≥ 2000	56.2	66.0	66.6	67.0	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6	67.7
≥ 1800	57.2	67.5	68.2	68.7	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4	69.5
≥ 1500	58.5	69.9	70.6	71.2	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.3	72.4
≥ 1200	59.6	72.4	73.8	74.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.9	76.0
≥ 1000	59.8	74.7	76.3	77.3	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.1
≥ 900	59.9	75.7	77.6	78.7	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.5	80.6
≥ 800	59.9	76.9	79.0	80.2	81.8	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.5
≥ 700	59.9	78.0	80.3	81.6	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.8	83.9
≥ 600	60.2	79.8	82.4	83.9	85.8	85.8	85.9	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.5	86.6
≥ 500	60.2	80.6	83.3	85.4	88.1	88.2	88.7	88.9	89.0	89.0	89.1	89.1	89.2	89.2	89.4	89.5
≥ 400	60.2	80.8	83.9	86.2	89.7	89.9	90.5	91.1	91.3	91.6	91.8	91.8	92.0	92.0	92.2	92.3
≥ 300	60.2	80.8	84.0	86.6	90.2	90.8	91.6	92.3	92.6	93.2	93.4	93.4	93.7	93.7	93.8	93.9
≥ 200	60.2	80.8	84.0	86.6	90.2	90.9	91.8	92.5	93.2	94.4	94.8	94.8	95.3	95.3	95.6	95.7
≥ 100	60.2	80.8	84.0	86.6	90.2	91.0	91.9	92.7	93.4	94.7	95.6	95.6	96.2	96.2	97.0	97.2
≥ 0	60.2	80.8	84.0	86.6	90.2	91.0	91.9	92.7	93.4	94.7	95.7	95.7	96.5	96.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 933

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1774	BERGSTROM AFB TX	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.0	41.8	41.9	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	43.0
≥ 20000	38.2	43.2	43.3	44.0	44.3	44.3	44.3	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.7
≥ 18000	38.2	43.2	43.3	44.0	44.3	44.3	44.3	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.7
≥ 16000	38.2	43.3	43.4	44.1	44.4	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.8
≥ 14000	38.7	43.9	44.0	44.6	44.9	44.9	44.9	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.4
≥ 12000	38.9	44.2	44.4	45.1	45.4	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.8
≥ 10000	39.7	45.2	45.4	46.0	46.3	46.3	46.3	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.8
≥ 9000	39.7	45.2	45.4	46.0	46.3	46.3	46.3	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.8
≥ 8000	39.9	45.5	45.7	46.3	46.7	46.7	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	47.2
≥ 7000	40.9	46.9	47.1	47.7	48.1	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.6
≥ 6000	41.6	47.7	48.0	48.6	48.9	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.5
≥ 5000	42.3	48.9	49.1	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.6
≥ 4500	43.8	51.9	52.2	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.7
≥ 4000	44.2	52.6	52.8	53.4	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.3
≥ 3500	45.1	53.8	54.0	54.6	54.9	54.9	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.5
≥ 3000	46.0	55.1	55.3	55.9	56.3	56.3	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.9
≥ 2500	48.0	57.1	57.3	58.0	58.4	58.4	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	59.0
≥ 2000	49.9	59.6	59.8	60.4	60.9	60.9	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.6
≥ 1800	51.0	61.2	61.6	62.3	62.7	62.7	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.4
≥ 1500	53.0	65.3	66.0	66.8	67.3	67.3	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.2
≥ 1200	54.2	68.9	69.8	70.8	71.3	71.3	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	72.2
≥ 1000	54.7	71.6	72.9	73.9	74.8	74.8	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.7
≥ 900	54.9	73.0	74.4	75.5	76.5	76.5	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.3
≥ 800	55.1	74.5	76.3	77.8	79.1	79.1	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.3
≥ 700	55.5	75.5	78.1	79.9	81.3	81.3	81.7	81.8	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.5
≥ 600	55.7	76.3	79.1	81.3	82.9	83.0	83.4	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.3
≥ 500	55.8	77.1	80.3	82.8	85.3	85.5	86.3	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.5
≥ 400	55.8	77.2	80.4	83.0	86.0	86.8	87.7	88.9	89.2	89.6	89.7	89.7	89.7	89.7	89.7	90.0
≥ 300	55.8	77.2	80.5	83.2	86.9	87.8	89.0	90.4	90.9	91.5	91.9	92.0	92.0	92.2	92.2	92.5
≥ 200	55.8	77.2	80.5	83.2	86.9	88.1	89.7	91.5	92.3	93.0	94.0	94.2	94.4	94.6	94.7	95.3
≥ 100	55.8	77.2	80.5	83.2	86.9	88.1	89.7	91.5	92.4	93.1	94.1	94.3	94.7	95.2	96.2	97.0
≥ 0	55.8	77.2	80.5	83.2	86.9	88.1	89.7	91.5	92.4	93.2	94.2	94.4	94.8	95.6	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]4	BERGSTROM AFB TX	69-72,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.7	36.8	37.3	38.2	38.4	38.4	38.4	38.6	38.6	38.9	39.4	39.4	39.5	39.8	39.8	40.5
≥ 20000	34.9	38.8	39.4	40.2	40.4	40.4	40.4	40.6	40.6	41.0	41.4	41.4	41.5	41.8	41.8	42.6
≥ 18000	34.9	38.8	39.4	40.2	40.4	40.4	40.4	40.6	40.6	41.0	41.4	41.4	41.5	41.8	41.8	42.6
≥ 16000	34.9	38.9	39.5	40.3	40.5	40.5	40.5	40.8	40.8	41.1	41.5	41.5	41.6	41.9	41.9	42.7
≥ 14000	35.5	39.6	40.1	41.0	41.2	41.2	41.2	41.4	41.4	41.7	42.2	42.2	42.3	42.6	42.6	43.3
≥ 12000	36.5	40.5	41.1	42.0	42.3	42.3	42.3	42.5	42.5	42.8	43.2	43.2	43.3	43.7	43.7	44.4
≥ 10000	37.4	42.0	42.6	43.5	43.8	43.8	43.8	44.0	44.0	44.3	44.7	44.7	44.8	45.2	45.2	45.9
≥ 9000	37.5	42.2	42.7	43.7	43.9	43.9	43.9	44.1	44.1	44.4	44.8	44.8	44.9	45.3	45.3	46.0
≥ 8000	38.4	43.0	43.5	44.5	44.7	44.7	44.7	44.9	44.9	45.3	45.7	45.7	45.8	46.1	46.1	46.9
≥ 7000	39.1	43.9	44.4	45.4	45.6	45.6	45.6	45.8	45.8	46.1	46.6	46.6	46.7	47.0	47.0	47.7
≥ 6000	39.5	44.5	45.1	46.0	46.2	46.2	46.2	46.5	46.5	46.8	47.2	47.2	47.3	47.6	47.6	48.4
≥ 5000	39.5	45.2	45.7	46.7	46.9	46.9	46.9	47.1	47.1	47.4	47.8	47.8	48.0	48.3	48.3	49.0
≥ 4500	40.6	47.4	48.1	49.0	49.2	49.2	49.2	49.5	49.5	49.8	50.2	50.2	50.3	50.6	50.6	51.4
≥ 4000	41.1	48.1	48.7	49.7	49.9	49.9	49.9	50.1	50.1	50.4	50.9	50.9	51.0	51.3	51.3	52.1
≥ 3500	42.2	49.7	50.3	51.4	51.6	51.6	51.6	51.8	51.8	52.2	52.6	52.6	52.7	53.0	53.0	53.8
≥ 3000	44.0	51.9	52.7	53.8	54.0	54.1	54.1	54.3	54.3	54.6	55.1	55.1	55.2	55.5	55.5	56.2
≥ 2500	45.6	54.2	55.3	56.3	56.6	56.8	57.0	57.2	57.2	57.5	58.0	58.0	58.1	58.4	58.4	59.1
≥ 2000	47.1	56.1	57.3	58.4	58.7	58.9	59.1	59.4	59.4	59.7	60.1	60.1	60.2	60.5	60.5	61.3
≥ 1800	47.2	56.8	58.0	59.1	59.5	59.8	60.0	60.2	60.2	60.6	61.1	61.1	61.2	61.5	61.5	62.3
≥ 1500	48.7	61.0	62.6	64.0	64.4	64.8	65.1	65.3	65.3	65.7	66.1	66.1	66.2	66.6	66.6	67.3
≥ 1200	49.6	64.1	66.3	67.8	68.3	68.8	69.0	69.2	69.2	69.7	70.1	70.1	70.2	70.5	70.5	71.3
≥ 1000	50.1	66.2	68.9	70.6	71.4	71.9	72.3	72.5	72.5	73.0	73.4	73.4	73.5	73.9	73.9	74.6
≥ 900	50.4	67.7	70.6	72.4	73.3	73.9	74.2	74.5	74.5	75.1	75.5	75.5	75.6	75.9	75.9	76.7
≥ 800	50.5	69.2	72.4	74.3	75.6	76.2	76.6	76.9	76.9	77.4	77.8	77.8	78.0	78.3	78.3	79.0
≥ 700	50.8	70.3	73.5	75.9	77.6	78.4	78.7	79.2	79.2	79.9	80.3	80.3	80.4	80.8	80.8	81.5
≥ 600	50.8	71.0	74.4	77.1	79.2	80.1	80.4	81.2	81.2	81.8	82.3	82.3	82.4	82.7	82.7	83.5
≥ 500	50.8	72.0	75.5	79.0	81.6	82.7	83.5	84.5	84.5	85.3	85.8	85.8	85.9	86.2	86.2	87.1
≥ 400	50.8	72.4	76.1	79.9	83.3	84.6	85.9	87.4	87.6	88.5	89.1	89.1	89.4	89.7	89.8	90.6
≥ 300	50.8	72.4	76.0	80.0	84.0	85.4	87.2	89.2	89.6	90.4	91.1	91.1	91.3	91.8	91.9	92.9
≥ 200	50.8	72.4	76.0	80.0	84.1	85.5	87.5	89.9	90.5	91.5	92.3	92.3	93.0	93.7	93.9	95.4
≥ 100	50.8	72.4	76.0	80.0	84.1	85.5	87.5	90.0	90.9	92.0	92.9	92.9	93.7	94.8	95.7	98.0
≥ 0	50.8	72.4	76.1	80.0	84.1	85.5	87.5	90.0	90.9	92.0	92.9	92.9	93.8	95.1	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible] 4 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JAN (MONTH)

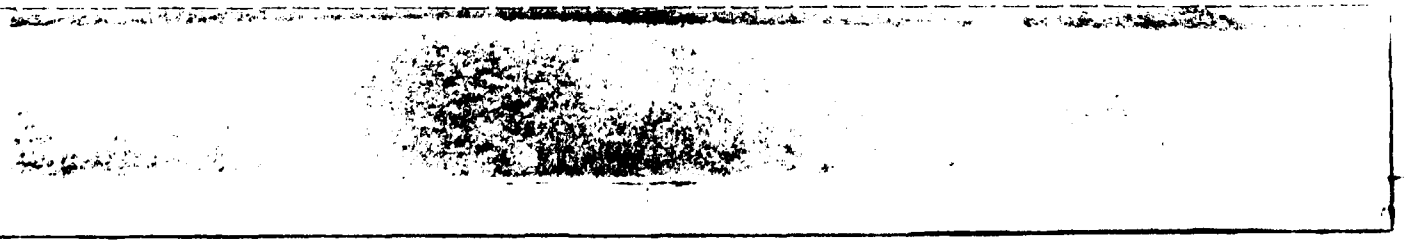
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]900-11[illegible] (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.1	37.5	37.6	38.2	38.3	38.3	38.4	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	34.3	41.5	41.6	42.2	42.3	42.3	42.4	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7
≥ 18000	34.3	41.5	41.7	42.3	42.4	42.4	42.5	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8
≥ 16000	34.5	41.8	42.0	42.6	42.7	42.7	42.8	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1
≥ 14000	34.5	41.9	42.2	42.7	42.8	42.8	42.9	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2
≥ 12000	35.3	43.0	43.2	43.8	43.9	43.9	44.0	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3
≥ 10000	36.7	44.4	44.6	45.2	45.3	45.3	45.5	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	37.0	44.8	45.1	45.6	45.7	45.7	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2
≥ 8000	38.4	46.3	46.6	47.1	47.2	47.2	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
≥ 7000	39.2	47.3	47.5	48.1	48.2	48.2	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7
≥ 6000	39.7	48.0	48.2	48.7	48.8	48.8	49.0	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4
≥ 5000	40.1	48.9	49.2	49.8	49.9	49.9	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4
≥ 4500	40.3	49.8	50.2	50.9	51.0	51.0	51.2	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
≥ 4000	40.8	50.5	51.[illegible]	51.6	51.7	51.7	51.9	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
≥ 3500	41.8	51.9	52.6	53.3	53.4	53.4	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0
≥ 3000	43.0	54.1	55.1	55.8	56.0	56.1	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥ 2500	44.4	57.0	58.4	59.4	59.6	59.7	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 2000	46.5	60.1	61.7	62.9	63.3	63.4	63.9	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1800	46.9	61.1	62.7	63.9	64.4	64.6	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥ 1500	48.2	64.6	66.6	67.8	68.4	68.7	69.1	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1200	48.6	67.1	69.6	70.9	72.2	72.6	73.0	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1000	48.9	69.7	72.8	74.3	75.6	76.0	76.8	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 900	49.0	71.1	74.5	76.2	77.5	78.0	78.7	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4
≥ 800	49.0	71.8	75.7	77.8	79.6	80.2	81.2	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 700	49.0	72.5	76.7	79.1	81.8	82.5	83.5	84.3	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 600	49.0	73.1	77.7	80.6	83.4	84.2	85.6	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 500	49.0	73.3	78.2	81.2	84.2	85.1	86.9	88.0	88.5	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 400	49.0	73.5	78.7	81.8	84.9	86.1	88.2	90.0	90.8	91.5	91.9	91.9	92.0	92.0	92.0	92.0
≥ 300	49.0	73.5	78.7	81.8	84.9	86.3	89.0	91.3	92.4	93.5	94.7	94.7	95.1	95.1	95.2	95.2
≥ 200	49.0	73.5	78.7	81.8	84.9	86.3	89.0	91.4	92.8	94.6	96.0	96.2	96.9	97.1	97.4	97.6
≥ 100	49.0	73.5	78.7	81.8	84.9	86.3	89.0	91.4	92.9	94.7	96.6	96.9	97.7	98.1	98.5	98.8
≥ 0	49.0	73.5	78.7	81.8	84.9	86.3	89.0	91.4	92.9	94.7	96.6	96.9	97.7	98.3	98.9	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

1[illegible]4	BERGSTROM AFB TX	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.3	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	41.8	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000	42.3	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	42.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	42.9	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	44.3	49.8	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
≥ 10000	45.5	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 9000	45.8	51.4	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
≥ 8000	47.0	53.0	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
≥ 7000	48.1	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 6000	48.3	54.8	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	48.9	56.1	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
≥ 4500	50.3	58.1	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000	50.8	59.2	59.8	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	51.7	61.0	61.5	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
≥ 3000	54.5	64.4	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 2500	55.9	67.4	68.2	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
≥ 2000	57.4	70.6	71.7	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
≥ 1800	57.5	71.8	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1500	59.4	74.6	75.8	76.1	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1200	60.1	78.0	79.2	79.8	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1000	60.8	79.8	81.8	82.6	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 900	60.9	80.6	82.7	83.7	84.2	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 800	61.1	81.5	83.7	84.8	85.8	85.9	86.3	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7
≥ 700	61.0	81.8	84.1	85.9	87.0	87.3	87.8	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
≥ 600	61.2	82.5	84.8	87.0	89.0	89.7	90.5	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 500	61.2	82.6	85.1	87.4	89.8	90.5	91.8	92.6	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3
≥ 400	61.2	82.6	85.1	87.7	90.4	91.6	93.4	94.6	95.1	96.0	96.3	96.5	96.5	96.5	96.5	96.5
≥ 300	61.2	82.6	85.1	87.8	90.8	91.9	93.9	95.6	96.2	98.0	98.4	98.5	98.5	98.5	98.5	98.5
≥ 200	61.2	82.6	85.1	87.8	90.8	91.9	93.9	95.6	96.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5
≥ 100	61.2	82.6	85.1	87.8	90.8	91.9	93.9	95.6	96.5	98.6	99.2	99.5	99.5	99.5	99.6	99.7
≥ 0	61.2	82.6	85.1	87.8	90.8	91.9	93.9	95.6	96.5	98.6	99.2	99.5	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13974 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (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	42.5	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	47.2	53.1	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
≥ 18000	47.8	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	48.3	54.5	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
≥ 14000	49.3	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 12000	49.7	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 10000	51.2	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	51.2	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 8000	51.7	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	59.4	59.4
≥ 7000	52.9	60.6	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
≥ 6000	53.4	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	54.7	63.3	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	55.4	64.8	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
≥ 4000	55.6	65.2	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
≥ 3500	56.6	67.1	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
≥ 3000	58.1	69.2	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
≥ 2500	60.0	72.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2000	61.9	75.6	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
≥ 1800	62.4	76.6	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1500	63.3	79.7	81.6	81.6	81.7	81.7	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1200	64.4	81.7	84.0	84.1	84.3	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1000	64.7	82.5	84.9	85.2	85.4	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 900	64.8	83.1	86.0	86.2	86.8	87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 800	64.9	83.9	87.0	87.5	88.4	88.6	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 700	64.9	84.6	88.1	88.6	89.6	89.9	90.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 600	64.9	84.8	88.3	89.0	90.1	90.5	91.0	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	64.9	85.1	88.9	89.7	90.9	91.7	92.6	93.7	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400	64.9	85.2	89.1	90.0	91.7	92.8	94.1	95.6	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	64.9	85.2	89.1	90.0	91.7	92.9	94.3	96.1	97.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	64.9	85.2	89.1	90.0	91.7	92.9	94.3	96.1	97.1	98.8	99.2	99.5	99.8	99.8	99.8	99.8
≥ 100	64.9	85.2	89.1	90.0	91.7	92.9	94.3	96.1	97.1	98.8	99.2	99.5	99.8	99.8	99.9	99.9
≥ 0	64.9	85.2	89.1	90.0	91.7	92.9	94.3	96.1	97.1	98.8	99.2	99.5	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

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.7	50.0	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	51.9	55.8	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	53.3	56.9	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	53.3	57.2	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	54.1	58.0	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	54.3	58.2	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	55.3	59.6	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000	55.4	59.7	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	56.0	60.5	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 7000	56.5	61.3	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000	57.3	62.2	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 5000	57.8	62.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500	59.7	65.2	66.2	66.2	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	60.1	65.8	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	61.1	67.2	68.3	68.3	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3000	62.7	69.4	70.4	70.4	70.4	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2500	64.1	71.7	72.8	72.8	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2000	66.6	75.7	77.1	77.1	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1800	67.0	76.9	78.3	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
≥ 1500	68.3	78.7	80.2	80.3	80.9	81.0	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1200	68.8	79.8	81.9	82.2	82.9	83.0	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1000	69.2	80.5	82.7	83.1	83.9	84.0	84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 900	69.4	80.9	83.3	83.8	84.6	84.7	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 800	69.4	81.6	84.3	84.7	85.6	85.7	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	69.4	82.4	85.5	86.3	87.3	87.6	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 600	69.4	82.8	86.3	87.3	88.4	88.9	90.5	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 500	69.4	83.7	87.3	88.7	90.4	91.1	92.8	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	69.4	83.7	87.3	88.8	90.8	91.6	93.8	94.8	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	69.4	83.7	87.3	88.8	90.9	91.7	94.0	95.2	95.5	96.2	97.1	97.2	97.3	97.3	97.3	97.3
≥ 200	69.4	83.7	87.3	88.8	90.9	91.7	94.0	95.2	95.5	96.6	97.7	97.8	98.5	98.6	98.9	99.0
≥ 100	69.4	83.7	87.3	88.8	90.9	91.7	94.0	95.2	95.5	96.6	97.7	97.8	98.6	98.7	99.4	99.7
≥ 0	69.4	83.7	87.3	88.8	90.9	91.7	94.0	95.2	95.5	96.6	97.7	97.8	98.7	98.8	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

13974 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.2	47.8	48.5	48.5	48.7	48.7	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.2
≥ 20000	48.1	51.0	51.6	51.6	51.8	51.8	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4
≥ 18000	49.1	52.0	52.7	52.7	52.9	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4
≥ 16000	49.1	52.0	52.7	52.7	52.9	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4
≥ 14000	50.1	53.0	53.7	53.7	53.9	53.9	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 12000	50.8	53.7	54.3	54.3	54.5	54.5	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥ 10000	51.2	54.1	54.7	54.8	55.2	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7
≥ 9000	51.7	54.6	55.3	55.4	55.7	55.7	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2
≥ 8000	51.9	54.8	55.5	55.6	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.5
≥ 7000	52.3	55.3	55.9	56.0	56.3	56.3	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 6000	53.3	56.6	57.2	57.3	57.6	57.6	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 5000	54.7	58.1	58.7	58.8	59.1	59.1	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 4500	56.1	59.5	60.3	60.4	60.8	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 4000	56.6	59.9	60.8	60.9	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7
≥ 3500	57.2	60.9	61.7	61.8	62.2	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 3000	59.5	63.4	64.6	64.7	65.1	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 2500	61.1	66.0	67.3	67.4	67.7	67.7	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 2000	64.2	70.4	71.8	72.0	72.4	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 1800	65.2	72.0	73.5	73.9	74.3	74.3	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 1500	66.5	74.4	76.0	76.5	77.0	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6
≥ 1200	68.1	77.6	79.2	79.7	80.2	80.2	80.4	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 1000	68.6	79.2	81.0	81.4	82.0	82.0	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 900	68.6	80.4	82.4	82.8	83.5	83.5	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥ 800	68.6	81.5	83.4	83.9	84.7	84.7	84.9	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 700	68.6	82.5	84.4	85.2	86.2	86.2	86.7	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 600	68.9	83.1	85.1	86.0	87.2	87.3	87.7	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.9
≥ 500	68.9	83.5	85.5	86.6	88.3	88.4	88.9	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.3	90.4
≥ 400	68.9	84.0	86.4	87.6	89.4	89.8	90.4	91.3	91.8	92.4	92.5	92.5	92.5	92.5	92.6	92.7
≥ 300	68.9	84.0	86.6	87.6	89.7	90.3	91.6	92.7	93.3	94.1	94.3	94.3	94.3	94.3	94.4	94.5
≥ 200	68.9	84.0	86.6	87.6	89.8	90.4	91.8	93.1	94.0	95.3	96.1	96.1	96.2	96.2	97.0	97.3
≥ 100	68.9	84.0	86.6	87.6	89.8	90.4	91.8	93.2	94.2	95.5	96.5	96.8	97.2	97.2	98.5	99.0
≥ 0	68.9	84.0	86.6	87.6	89.8	90.4	91.8	93.2	94.2	95.5	96.5	96.8	97.3	97.3	98.9	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

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JAN (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.3	43.6	44.0	44.3	44.4	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.7	44.7	44.7	44.8
≥ 20000	42.5	47.3	47.7	48.0	48.1	48.1	48.1	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.5	48.6
≥ 18000	43.0	47.8	48.2	48.5	48.6	48.6	48.7	48.8	48.8	48.8	48.9	48.9	48.9	49.0	49.0	49.1
≥ 16000	43.1	48.0	48.4	48.7	48.8	48.8	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.2	49.2	49.3
≥ 14000	43.7	48.7	49.1	49.3	49.4	49.4	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.8	49.8	49.9
≥ 12000	44.3	49.4	49.8	50.1	50.2	50.2	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.6	50.7
≥ 10000	45.3	50.5	50.9	51.2	51.4	51.4	51.4	51.5	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.9
≥ 9000	45.5	50.7	51.2	51.5	51.6	51.6	51.7	51.7	51.7	51.8	51.9	51.9	51.9	51.9	52.0	52.1
≥ 8000	46.1	51.5	52.0	52.3	52.4	52.4	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.8	52.8	53.0
≥ 7000	46.8	52.6	53.0	53.3	53.5	53.5	53.5	53.6	53.6	53.7	53.8	53.8	53.8	53.8	53.8	54.0
≥ 6000	47.6	53.5	53.9	54.2	54.4	54.4	54.4	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.9
≥ 5000	48.3	54.7	55.2	55.5	55.6	55.6	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.2
≥ 4500	49.4	56.5	57.2	57.5	57.6	57.7	57.7	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.2
≥ 4000	49.8	57.2	57.8	58.1	58.3	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.9
≥ 3500	50.8	58.6	59.3	59.7	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.4
≥ 3000	52.4	60.9	61.6	62.0	62.2	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.8
≥ 2500	54.2	63.6	64.5	64.9	65.1	65.2	65.3	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.8
≥ 2000	56.2	66.8	67.9	68.3	68.6	68.7	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.3
≥ 1800	56.8	68.0	69.2	69.7	70.0	70.1	70.2	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.8
≥ 1500	58.2	71.0	72.4	73.0	73.5	73.6	73.8	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.4
≥ 1200	59.2	73.7	75.5	76.2	76.9	77.0	77.2	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.7	77.8
≥ 1000	59.6	75.5	77.7	78.5	79.3	79.5	79.9	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.5
≥ 900	59.7	76.6	79.0	79.9	80.8	81.0	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.9	81.9	82.0
≥ 800	59.8	77.6	80.2	81.4	82.6	82.8	83.3	83.5	83.6	83.7	83.8	83.8	83.8	83.9	83.9	84.1
≥ 700	59.9	78.4	81.3	82.8	84.3	84.6	85.1	85.4	85.6	85.7	85.8	85.8	85.8	85.9	85.9	86.1
≥ 600	60.0	79.2	82.3	84.0	85.8	86.2	86.9	87.4	87.5	87.7	87.8	87.8	87.8	87.9	87.9	88.1
≥ 500	60.0	79.7	83.0	85.1	87.3	87.9	89.0	89.7	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.7
≥ 400	60.0	79.9	83.4	85.6	88.3	89.2	90.5	91.7	92.1	92.8	93.0	93.1	93.1	93.2	93.2	93.4
≥ 300	60.0	79.9	83.4	85.7	88.6	89.7	91.3	92.8	93.4	94.4	94.9	95.0	95.1	95.2	95.2	95.4
≥ 200	60.0	79.9	83.4	85.7	88.7	89.7	91.5	93.2	94.0	95.3	96.2	96.3	96.7	96.8	97.1	97.4
≥ 100	60.0	79.9	83.4	85.7	88.7	89.7	91.5	93.2	94.1	95.5	96.5	96.7	97.2	97.4	98.1	98.7
≥ 0	60.0	79.9	83.4	85.7	88.7	89.7	91.5	93.2	94.1	95.5	96.5	96.7	97.3	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.4	51.2	51.9	52.7	52.7	52.8	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.3
≥ 20000	49.5	53.4	54.1	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.6
≥ 18000	49.5	53.4	54.1	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.6
≥ 16000	49.5	53.4	54.1	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.6
≥ 14000	49.9	53.8	54.5	55.3	55.3	55.4	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.8	55.9
≥ 12000	49.9	53.9	54.6	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.9	56.0
≥ 10000	51.1	55.2	55.9	56.7	56.7	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.3
≥ 9000	51.4	55.6	56.3	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.6	57.7
≥ 8000	53.1	57.4	58.2	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.5	59.6
≥ 7000	54.0	58.4	59.1	59.9	59.9	60.0	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.5
≥ 6000	54.6	59.2	59.9	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.2	61.3
≥ 5000	55.4	60.3	61.0	61.8	61.8	61.9	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.4
≥ 4500	56.1	61.6	62.3	63.1	63.1	63.2	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.6	63.7
≥ 4000	56.7	62.5	63.2	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.5	64.7
≥ 3500	57.4	63.2	63.9	64.8	64.8	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.4
≥ 3000	58.5	64.7	65.5	66.4	66.4	66.5	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.9	67.0
≥ 2500	59.1	66.8	67.6	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.1
≥ 2000	59.5	69.3	70.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.9	72.0
≥ 1800	59.6	70.3	71.6	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.0	73.2
≥ 1500	60.3	73.2	74.6	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	76.0	76.1
≥ 1200	61.2	77.1	79.0	80.4	80.9	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.4
≥ 1000	61.9	80.0	82.2	83.8	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.8	84.9
≥ 900	62.3	81.0	83.1	84.8	85.2	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.8
≥ 800	62.9	82.7	85.0	86.8	87.5	87.8	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.2	88.3
≥ 700	63.0	83.6	85.9	87.9	88.7	89.0	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.5	89.6
≥ 600	63.1	83.8	86.3	88.3	89.1	89.5	89.7	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.7
≥ 500	63.1	84.9	87.9	90.2	91.0	91.4	91.8	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.3	93.4
≥ 400	63.1	85.2	88.3	91.0	92.3	92.8	93.3	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.8	94.9
≥ 300	63.1	85.2	88.4	91.4	93.4	94.2	94.9	96.0	96.1	96.6	96.8	96.8	96.8	96.8	96.9	97.0
≥ 200	63.1	85.2	88.4	91.4	93.4	94.3	95.3	96.6	96.7	97.4	97.6	97.8	98.1	98.2	98.3	98.6
≥ 100	63.1	85.2	88.4	91.4	93.4	94.3	95.3	96.8	96.9	97.9	98.1	98.2	98.8	99.2	99.4	99.8
≥ 0	63.1	85.2	88.4	91.4	93.4	94.3	95.3	96.8	96.9	97.9	98.1	98.2	98.8	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13994 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.8	45.0	45.4	45.9	45.9	46.1	46.1	46.2	46.2	46.2	46.2	46.3	46.6	46.6	46.7	46.7
≥ 20000	43.5	46.7	47.2	47.6	47.6	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.3	48.3	48.5	48.5
≥ 18000	43.5	46.7	47.2	47.6	47.6	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.3	48.3	48.5	48.5
≥ 16000	43.5	46.7	47.2	47.6	47.6	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.3	48.3	48.5	48.5
≥ 14000	43.5	46.7	47.2	47.6	47.6	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.3	48.3	48.5	48.5
≥ 12000	43.5	46.7	47.2	47.6	47.6	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.3	48.3	48.5	48.5
≥ 10000	44.7	48.2	48.7	49.2	49.2	49.4	49.4	49.5	49.5	49.5	49.5	49.6	49.9	49.9	50.0	50.0
≥ 9000	44.7	48.3	48.9	49.4	49.4	49.6	49.6	49.8	49.8	49.8	49.8	49.9	50.1	50.1	50.2	50.2
≥ 8000	45.6	49.6	50.2	50.7	50.7	50.9	50.9	51.1	51.1	51.1	51.1	51.2	51.4	51.4	51.5	51.5
≥ 7000	46.6	50.6	51.2	51.7	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.1	52.4	52.4	52.5	52.5
≥ 6000	47.0	51.3	52.0	52.6	52.6	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.4	53.4	53.5	53.5
≥ 5000	48.6	53.0	53.7	54.3	54.4	54.7	54.7	54.8	54.8	54.8	54.8	55.0	55.2	55.2	55.3	55.3
≥ 4500	49.2	53.9	54.6	55.2	55.3	55.7	55.7	55.8	55.8	55.8	55.8	55.9	56.1	56.1	56.3	56.3
≥ 4000	49.5	55.1	55.8	56.4	56.5	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.3	57.3	57.4	57.4
≥ 3500	50.7	56.7	57.4	58.0	58.2	58.5	58.5	58.6	58.6	58.6	58.6	58.7	59.0	59.0	59.1	59.1
≥ 3000	51.3	58.0	58.7	59.3	59.5	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.3	60.3	60.4	60.4
≥ 2500	51.4	59.7	60.4	61.0	61.2	61.6	61.6	61.7	61.7	61.7	61.8	61.9	62.2	62.2	62.3	62.3
≥ 2000	52.4	62.4	63.2	63.8	64.1	64.5	64.5	64.8	64.8	64.8	64.9	65.0	65.2	65.2	65.4	65.4
≥ 1800	52.4	63.0	63.8	64.4	64.7	65.1	65.1	65.4	65.4	65.4	65.5	65.6	65.8	65.8	66.0	66.0
≥ 1500	53.5	66.2	67.1	67.8	68.2	68.7	68.7	68.9	68.9	68.9	69.0	69.3	69.5	69.5	69.6	69.6
≥ 1200	55.1	70.8	72.3	73.4	73.9	74.3	74.3	74.6	74.6	74.6	74.7	74.9	75.2	75.2	75.3	75.3
≥ 1000	55.6	73.5	75.4	76.7	77.	77.8	77.8	78.3	78.3	78.3	78.4	78.6	78.8	78.8	79.0	79.0
≥ 900	55.7	74.6	76.8	78.1	78.6	79.2	79.2	79.7	79.7	79.7	79.8	80.0	80.3	80.3	80.4	80.4
≥ 800	56.0	76.1	78.7	80.1	81.1	81.7	81.7	82.2	82.2	82.2	82.3	82.5	82.7	82.7	82.9	82.9
≥ 700	56.3	77.0	79.7	81.1	82.3	82.9	82.9	83.3	83.3	83.3	83.5	83.7	83.9	83.9	84.0	84.0
≥ 600	56.3	77.3	80.4	82.0	83.5	84.0	84.0	84.5	84.5	84.5	84.6	84.9	85.1	85.1	85.2	85.2
≥ 500	56.3	78.7	82.4	84.6	86.9	87.7	87.9	88.4	88.7	88.7	88.8	89.0	89.2	89.2	89.4	89.4
≥ 400	56.3	78.8	82.9	85.3	88.1	88.9	89.6	90.2	90.7	90.9	91.0	91.3	91.5	91.5	91.6	91.6
≥ 300	56.3	79.1	83.3	85.8	88.7	89.5	90.7	91.5	92.3	93.1	93.4	93.6	94.0	94.1	94.2	94.6
≥ 200	56.3	79.1	83.3	86.1	89.0	90.2	91.7	93.4	94.2	95.6	95.9	96.1	96.6	96.7	96.9	97.3
≥ 100	56.3	79.1	83.3	86.1	89.0	90.2	91.8	93.7	94.6	96.6	96.8	97.0	97.6	97.9	98.2	98.7
≥ 0	56.3	79.1	83.3	86.1	89.0	90.2	91.8	93.7	94.6	96.6	96.8	97.2	97.8	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (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	35.6	39.4	39.7	40.2	40.4	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.1
≥ 20000	38.1	42.2	42.6	43.0	43.3	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	44.0
≥ 18000	38.2	42.3	42.7	43.3	43.6	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.3
≥ 16000	38.2	42.3	42.7	43.3	43.6	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.3
≥ 14000	38.7	42.9	43.3	43.9	44.2	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.9
≥ 12000	39.0	43.4	43.7	44.3	44.7	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.4
≥ 10000	39.8	44.6	44.9	45.5	45.9	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.5	46.6
≥ 9000	39.8	44.6	44.9	45.5	45.9	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.5	46.6
≥ 8000	40.8	45.6	46.0	46.6	46.9	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.6
≥ 7000	41.7	46.8	47.2	47.8	48.1	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.8
≥ 6000	43.3	48.7	49.1	49.6	50.0	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.7
≥ 5000	44.1	50.4	50.8	51.4	51.8	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.6
≥ 4500	44.6	51.1	51.5	52.2	52.8	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.7
≥ 4000	44.6	51.3	51.8	52.5	53.1	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.9
≥ 3500	45.3	52.1	52.6	53.3	53.9	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.7
≥ 3000	46.1	53.5	54.1	54.7	55.3	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.1
≥ 2500	47.5	56.9	57.6	58.5	59.2	59.7	60.0	60.2	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.6
≥ 2000	48.3	59.2	59.9	61.1	61.8	62.3	62.6	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.2
≥ 1800	48.8	59.8	60.6	62.2	62.9	63.4	63.7	63.8	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.3
≥ 1500	49.4	62.1	63.0	64.5	65.2	65.7	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.7
≥ 1200	50.2	64.7	65.8	67.8	68.9	69.4	69.7	69.9	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.4
≥ 1000	50.6	67.6	69.1	71.3	72.6	73.0	73.4	73.6	73.8	73.9	74.2	74.2	74.2	74.3	74.3	74.5
≥ 900	50.6	68.7	70.6	72.8	74.3	74.8	75.4	75.7	75.8	75.9	76.2	76.2	76.2	76.4	76.4	76.5
≥ 800	50.6	70.2	72.5	75.2	77.2	77.7	78.5	78.7	78.8	79.0	79.3	79.3	79.3	79.4	79.4	79.6
≥ 700	50.7	71.0	73.6	76.7	79.1	79.6	80.6	81.0	81.1	81.3	81.7	81.7	81.7	81.8	81.8	81.9
≥ 600	50.7	71.9	74.9	78.7	81.2	82.2	83.6	84.0	84.2	84.4	84.8	84.8	84.8	84.9	84.9	85.0
≥ 500	50.7	72.3	76.1	80.1	83.2	84.2	86.2	86.6	86.8	87.2	87.6	87.6	87.6	87.7	87.7	87.8
≥ 400	50.7	72.5	76.5	80.6	83.9	85.2	87.2	87.9	88.2	88.7	89.1	89.1	89.1	89.4	89.4	89.6
≥ 300	50.7	72.6	76.6	81.1	84.6	86.4	88.8	89.8	90.2	91.1	91.6	91.6	91.7	92.1	92.1	92.4
≥ 200	50.7	72.6	76.6	81.1	84.9	86.8	89.1	90.4	91.1	92.6	93.3	93.5	93.9	94.4	94.7	95.2
≥ 100	50.7	72.6	76.6	81.1	84.9	86.8	89.1	90.7	91.5	93.5	94.7	94.9	95.5	96.5	97.0	98.6
≥ 0	50.7	72.6	76.6	81.1	84.9	86.8	89.1	90.7	91.5	93.5	94.7	94.9	95.6	96.6	97.4	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

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.5	41.5	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 20000	40.9	45.4	46.1	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	41.5	46.0	46.7	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000	41.6	46.1	46.8	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	42.3	47.0	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 12000	43.6	48.5	49.2	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000	44.4	49.4	50.1	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	44.4	49.4	50.1	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 8000	44.8	50.0	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 7000	46.9	52.5	53.3	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 6000	47.6	53.3	54.1	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
≥ 5000	48.3	54.3	55.3	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4500	48.6	55.6	57.1	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 4000	48.9	56.0	57.6	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 3500	49.2	56.5	58.2	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 3000	50.0	58.2	59.9	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 2500	51.1	61.6	63.7	64.3	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 2000	51.9	64.2	66.4	67.0	67.6	68.0	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1800	52.5	65.6	67.8	68.6	69.1	69.5	69.5	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1500	53.0	68.7	71.5	72.2	72.9	73.3	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1200	53.3	71.9	75.5	76.7	77.5	77.9	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	53.5	73.5	77.5	79.2	80.1	80.5	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 900	53.7	74.8	79.1	80.9	81.8	82.2	82.6	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 800	53.7	75.4	80.1	82.0	83.3	83.8	84.9	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 700	53.7	76.1	81.1	83.6	85.2	85.9	87.1	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 600	53.7	77.0	81.9	84.9	87.1	88.1	89.6	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 500	53.7	77.0	81.9	85.3	88.4	89.6	91.3	91.8	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7
≥ 400	53.7	77.1	82.3	85.8	89.4	90.9	93.1	94.2	94.4	95.2	95.6	95.6	95.6	95.6	95.6	95.7
≥ 300	53.7	77.1	82.3	85.8	89.4	91.0	93.4	94.9	95.4	96.9	97.4	97.4	97.4	97.6	97.6	97.8
≥ 200	53.7	77.1	82.3	85.8	89.4	91.0	93.6	95.3	96.0	97.6	98.3	98.5	98.6	98.8	98.8	98.9
≥ 100	53.7	77.1	82.3	85.8	89.4	91.0	93.6	95.3	96.1	97.9	98.8	98.9	99.1	99.3	99.4	100.0
≥ 0	53.7	77.1	82.3	85.8	89.4	91.0	93.6	95.3	96.1	97.9	98.8	98.9	99.1	99.3	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

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	51.8	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	56.6
≥ 18000	51.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	52.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	53.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	55.7	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
≥ 10000	56.1	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
≥ 9000	56.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	56.6	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	58.0	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	58.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	59.1	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
≥ 4500	59.9	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
≥ 4000	60.9	68.8	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
≥ 3500	61.1	69.7	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
≥ 3000	62.5	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2500	64.9	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2000	65.7	79.0	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1800	65.8	79.8	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1500	66.9	83.0	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	67.1	85.5	86.3	86.4	86.9	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	67.1	87.0	87.9	88.4	89.1	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	67.1	87.6	88.5	89.0	89.7	90.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	67.1	88.1	89.1	90.1	90.8	91.1	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	67.1	88.7	89.8	91.1	92.1	92.6	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	67.1	89.1	90.3	92.2	93.5	94.1	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	67.1	89.2	90.5	92.9	94.4	95.3	95.9	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	67.1	89.2	90.5	93.5	95.2	96.0	96.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	67.1	89.2	90.7	93.6	95.4	96.2	97.0	98.2	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	67.1	89.2	90.7	93.6	95.4	96.2	97.0	98.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	67.1	89.2	90.7	93.6	95.4	96.2	97.0	98.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	67.1	89.2	90.7	93.6	95.4	96.2	97.0	98.2	98.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	57.1	61.1	61.1	61.1	61.	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	57.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	57.4	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	61.5
≥ 14000	58.4	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	62.8
≥ 12000	60.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	61.8	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	67.1
≥ 9000	62.3	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	67.6
≥ 8000	63.5	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	64.4	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
≥ 6000	64.7	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
≥ 5000	65.1	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	72.3
≥ 4500	66.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	67.0	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	68.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3000	69.6	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
≥ 2500	71.6	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	72.5	84.8	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1800	72.7	85.8	86.5	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	73.4	87.4	88.1	88.3	88.4	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	73.8	89.1	89.8	90.4	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	73.8	89.2	90.2	90.9	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	73.8	89.7	90.8	91.7	92.2	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	73.8	90.1	91.1	92.1	92.6	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	73.8	90.2	91.4	92.3	92.9	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	73.8	90.8	92.1	93.0	93.7	94.6	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	73.8	91.1	92.8	94.0	95.0	95.9	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	73.8	91.4	93.1	94.6	95.7	96.6	97.5	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	73.8	91.4	93.1	94.6	95.9	96.7	97.9	98.9	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	73.8	91.4	93.1	94.6	95.9	96.7	97.9	98.9	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	73.8	91.4	93.1	94.6	95.9	96.7	97.9	98.9	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	73.8	91.4	93.1	94.6	95.9	96.7	97.9	98.9	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

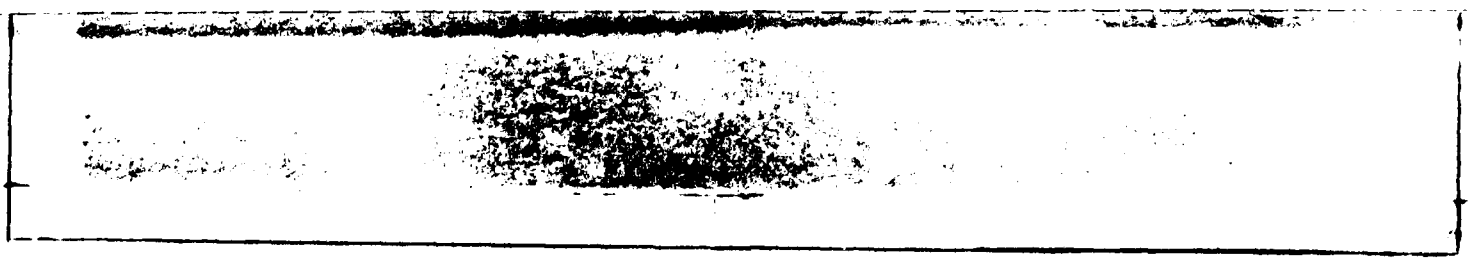
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.6	59.2	59.5	59.6	59.6	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 20000	58.5	63.2	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	58.6	63.4	63.6	63.7	63.7	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	58.7	63.5	63.7	63.8	63.8	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	59.2	64.3	64.5	64.7	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	61.9	67.0	67.3	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	62.6	68.2	68.4	68.6	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	63.1	68.8	69.0	69.1	69.1	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	65.6	72.0	72.2	72.3	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	65.7	72.3	72.6	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	66.5	73.2	73.4	73.5	73.5	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	67.3	74.6	74.8	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	67.6	76.1	76.4	76.5	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	67.7	76.5	76.7	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	69.3	78.1	78.4	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	70.6	79.7	79.9	80.0	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	72.3	82.3	82.9	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	72.9	84.6	85.8	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	73.3	85.6	86.9	87.1	87.1	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	73.6	87.2	88.5	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	73.9	88.3	89.8	90.4	90.4	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	74.0	88.8	90.3	91.0	91.0	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	74.0	89.5	91.0	91.7	91.7	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 800	74.0	89.8	91.4	92.1	92.2	92.4	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	74.0	90.4	92.0	92.9	93.0	93.3	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	74.0	90.8	92.3	93.3	93.4	93.6	94.1	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	74.0	91.1	92.9	94.1	94.4	94.7	95.4	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	74.0	91.4	93.1	94.3	94.9	95.2	95.9	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	74.0	91.4	93.3	94.7	95.5	95.9	97.0	98.0	98.3	98.9	99.3	99.3	99.3	99.5	99.5	99.5
≥ 200	74.0	91.4	93.3	94.7	95.5	96.0	97.4	98.3	98.7	99.3	99.6	99.6	99.6	99.9	99.9	99.9
≥ 100	74.0	91.4	93.3	94.7	95.5	96.0	97.4	98.3	98.7	99.3	99.6	99.6	99.8	100.0	100.0	100.0
≥ 0	74.0	91.4	93.3	94.7	95.5	96.0	97.4	98.3	98.7	99.3	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.1	60.2	60.5	60.6	60.8	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	58.4	62.8	63.1	63.4	63.4	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	58.4	62.8	63.1	63.4	63.4	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	58.4	62.8	63.1	63.4	63.4	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	58.5	63.2	63.6	63.8	63.8	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	59.5	64.5	64.9	65.1	65.1	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	60.4	65.6	66.0	66.2	66.2	66.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	60.5	65.7	66.1	66.3	66.3	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	62.5	68.0	68.3	68.6	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	64.1	69.7	70.1	70.3	70.3	70.4	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	64.3	70.0	70.3	70.6	70.6	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	64.5	70.1	71.0	71.3	71.3	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	65.2	72.2	72.6	72.8	72.8	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	65.2	72.2	72.6	72.8	72.8	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	65.7	72.9	73.3	73.5	73.5	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	67.0	74.5	74.8	75.1	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	69.0	77.4	77.8	78.0	78.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	69.7	80.3	80.7	81.0	81.1	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	69.9	80.6	81.2	81.4	81.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1500	70.1	84.4	85.2	85.8	85.9	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	71.7	87.7	88.5	89.1	89.5	89.6	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	72.1	88.3	89.2	89.8	90.2	90.3	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 900	72.2	88.7	89.6	90.2	90.5	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	72.5	89.6	90.7	91.3	91.6	91.7	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	72.5	90.2	91.4	92.1	92.4	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	72.6	90.9	92.4	93.3	93.6	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	72.6	92.2	94.2	95.2	95.6	95.7	96.0	96.1	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	72.6	92.2	94.3	95.5	96.2	96.5	96.8	97.0	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	72.6	92.3	94.6	96.1	96.9	97.2	97.5	97.8	97.9	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	72.6	92.4	94.7	96.2	97.2	97.4	97.8	98.2	98.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	72.6	92.4	94.7	96.2	97.2	97.4	97.8	98.3	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0
≥ 0	72.6	92.4	94.7	96.2	97.2	97.4	97.8	98.3	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 54

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

1[illegible]4 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-8[illegible] — YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES												
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½
NO CEILING	46.7	50.4	50.7	51.0	51.0	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	49.7	53.9	54.3	54.6	54.6	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9
≥ 18000	49.9	54.1	54.5	54.8	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1
≥ 6000	50.1	54.2	54.6	54.9	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	50.9	55.0	55.3	55.6	55.7	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0
≥ 12000	51.7	56.3	56.6	57.3	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3
≥ 10000	52.6	57.5	57.9	58.2	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	52.8	57.7	58.1	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8
≥ 8000	54.1	59.3	59.7	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	55.2	60.6	61.0	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7
≥ 6000	55.9	61.3	61.7	62.1	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4
≥ 5000	56.4	62.6	63.1	63.4	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8
≥ 4500	57.2	64.0	64.5	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3
≥ 4000	57.6	64.7	65.2	65.6	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0
≥ 3500	58.4	65.7	66.3	66.7	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	59.5	67.6	68.2	68.6	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2500	60.8	70.4	71.1	71.6	71.8	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2
≥ 2000	61.6	73.0	73.9	74.4	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.2
≥ 1800	61.9	73.8	74.8	75.4	75.7	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2
≥ 1500	62.6	76.5	77.7	78.4	78.6	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.3
≥ 1200	63.3	79.4	80.9	81.8	82.3	82.6	82.8	82.9	83.0	83.0	83.1	83.1	83.1
≥ 1000	63.6	81.0	82.7	83.9	84.5	84.8	85.0	85.2	85.2	85.3	85.3	85.4	85.4
≥ 900	63.7	81.8	83.7	84.9	85.5	85.9	86.1	86.3	86.3	86.4	86.5	86.5	86.5
≥ 800	63.8	82.8	84.8	86.2	87.0	87.4	87.8	88.0	88.1	88.1	88.2	88.2	88.3
≥ 700	63.9	83.4	85.6	87.2	88.2	88.7	89.1	89.4	89.5	89.5	89.6	89.6	89.7
≥ 600	63.9	83.9	86.3	88.2	89.4	90.0	90.6	91.0	91.0	91.2	91.3	91.3	91.3
≥ 500	63.9	84.6	87.4	89.6	91.1	91.8	92.6	93.2	93.3	93.5	93.6	93.7	93.7
≥ 400	64.1	84.7	87.6	90.1	92.0	92.7	93.8	94.5	94.7	95.1	95.2	95.3	95.3
≥ 300	64.1	84.9	87.8	90.4	92.5	93.4	94.7	95.6	96.0	96.7	97.0	97.1	97.2
≥ 200	64.1	84.9	87.8	90.4	92.6	93.6	95.0	96.2	96.6	97.6	98.0	98.1	98.2
≥ 100	64.1	84.9	87.8	90.4	92.6	93.6	95.1	96.3	96.7	97.9	98.4	98.5	98.8
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	92.6	93.6	95.0	96.3	96.7	97.9	98.4	98.5	98.8

TOTAL NUMBER OF OBSERVATI[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17[illegible] (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.3	45.9	46.5	46.8	47.0	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3
≥ 20000	46.7	49.7	50.3	50.6	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2	51.2
≥ 18000	46.9	49.9	50.5	50.9	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4
≥ 17000	46.9	49.9	50.5	50.9	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4
≥ 16000	47.8	50.9	51.5	51.8	52.0	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.4
≥ 15000	49.2	52.6	53.3	53.7	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2
≥ 14000	50.5	53.9	54.7	55.1	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6
≥ 9000	50.5	53.9	54.7	55.1	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6
≥ 8000	50.6	54.1	54.9	55.5	55.7	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.
≥ 7000	50.8	54.3	55.2	55.7	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.3	56.3
≥ 6000	51.7	55.3	56.1	56.7	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.3	57.3
≥ 5000	53.3	56.9	57.7	58.3	58.5	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.9	58.9
≥ 4500	54.3	57.7	58.6	59.1	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.8	59.8
≥ 4000	54.3	58.0	58.8	59.4	59.6	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.0
≥ 3500	54.9	59.2	60.1	60.6	60.9	61.1	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.3	61.3
≥ 3000	55.5	60.4	61.3	61.8	62.0	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.5	62.5
≥ 2500	56.9	63.3	64.2	64.7	64.9	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.4	65.4
≥ 2000	59.5	68.0	68.8	69.7	69.9	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.6	70.6
≥ 1800	60.2	69.1	70.0	70.9	71.1	71.3	71.6	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.9	71.9
≥ 1500	62.4	72.7	73.5	74.4	74.6	74.8	75.2	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.6	75.6
≥ 1200	65.1	78.3	79.1	80.2	80.4	80.8	81.1	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.5	81.5
≥ 1000	65.7	82.0	82.9	84.0	84.4	84.7	85.2	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.6	85.6
≥ 900	66.8	84.2	85.2	86.3	86.9	87.2	87.6	87.6	87.6	87.8	87.8	87.8	88.0	88.0	88.1	88.1
≥ 800	67.2	85.8	86.9	88.3	88.9	89.2	89.7	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.1	90.1
≥ 700	67.4	86.5	87.6	89.1	90.1	90.4	91.0	91.0	91.2	91.4	91.4	91.4	91.5	91.5	91.6	91.6
≥ 600	67.5	87.3	88.7	90.3	91.3	91.6	92.2	92.2	92.4	92.6	92.6	92.6	92.7	92.7	92.8	92.8
≥ 500	67.6	87.8	89.7	91.5	93.0	93.5	94.1	94.1	94.3	94.5	94.5	94.5	94.6	94.6	94.7	94.7
≥ 400	67.6	88.5	90.3	92.4	94.5	95.2	96.1	96.2	96.7	96.9	96.9	97.0	97.1	97.1	97.3	97.3
≥ 300	67.6	88.5	90.3	92.4	94.5	95.2	96.1	96.2	96.7	96.9	96.9	97.0	97.1	97.1	97.4	97.4
≥ 200	67.6	88.5	90.4	92.5	94.6	95.3	96.3	96.9	97.4	97.7	97.7	97.8	98.0	98.0	98.3	98.5
≥ 100	67.6	88.5	90.4	92.5	94.6	95.4	96.5	97.1	97.7	98.4	98.4	98.7	98.9	98.9	99.2	99.5
≥ 0	67.6	88.5	90.4	92.5	94.6	95.4	96.5	97.1	97.7	98.4	98.4	98.7	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1??4	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.6	41.5	41.8	42.3	42.3	42.3	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.5	42.8
≥ 20000	40.1	44.0	44.3	44.7	44.8	44.8	45.2	45.2	45.2	45.3	45.4	45.4	45.4	45.4	45.5	45.5
≥ 8000	40.3	44.2	44.5	44.9	45.1	45.1	45.4	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.7	45.7
≥ 5000	40.4	44.3	44.6	45.1	45.2	45.2	45.5	45.5	45.5	45.6	45.7	45.7	45.7	45.7	45.8	45.8
≥ 4000	41.1	44.8	45.2	45.6	45.7	45.7	46.1	46.0	46.0	46.1	46.2	46.2	46.2	46.2	46.3	46.3
≥ 3000	41.9	46.0	46.3	46.8	46.9	46.9	47.2	47.2	47.2	47.3	47.4	47.4	47.4	47.4	47.5	47.5
≥ 2500	43.1	48.2	48.5	48.9	49.0	49.0	49.4	49.4	49.4	49.5	49.6	49.6	49.6	49.6	49.7	49.7
≥ 2000	43.3	48.3	48.6	49.0	49.1	49.1	49.5	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.8	49.8
≥ 1800	44.2	48.7	49.1	49.6	49.9	49.9	50.2	50.2	50.2	50.3	50.4	50.4	50.4	50.4	50.5	50.5
≥ 1600	45.1	49.6	49.9	50.4	50.8	50.8	51.1	51.1	51.1	51.2	51.3	51.3	51.3	51.3	51.4	51.4
≥ 1400	45.7	50.1	50.6	51.2	51.5	51.5	51.8	51.8	51.8	51.9	52.0	52.0	52.0	52.0	52.2	52.2
≥ 1200	46.3	51.1	51.3	51.8	52.2	52.2	52.5	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.8	52.8
≥ 1000	48.1	52.8	53.1	53.7	54.0	54.0	54.3	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.6	54.6
≥ 900	48.3	53.3	53.7	54.2	54.5	54.5	54.8	54.8	54.8	54.9	55.1	55.1	55.1	55.1	55.2	55.2
≥ 800	49.7	54.6	54.9	55.5	55.8	55.8	56.1	56.1	56.1	56.2	56.3	56.3	56.3	56.3	56.5	56.5
≥ 700	50.3	56.1	56.5	57.1	57.3	57.3	57.6	57.6	57.6	57.7	57.8	57.8	57.8	57.8	58.0	58.0
≥ 600	51.8	58.7	59.1	59.6	59.9	59.9	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.5	60.5
≥ 500	53.9	62.5	62.9	63.3	63.8	63.8	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.5	64.5
≥ 400	55.2	64.5	64.8	65.4	65.8	65.8	66.2	66.2	66.2	66.3	66.5	66.5	66.5	66.5	66.6	66.6
≥ 300	56.9	68.5	69.0	69.6	70.0	70.0	70.6	70.6	70.6	70.8	70.9	70.9	70.9	70.9	71.0	71.
≥ 200	59.1	74.0	74.7	75.4	75.9	75.9	76.6	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.9	76.9
≥ 100	59.9	76.9	77.7	78.4	79.0	79.0	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.1	80.1
≥ 90	60.8	79.5	80.5	81.2	81.9	8 .9	82.6	82.6	82.6	82.8	82.9	82.9	82.9	82.9	83.0	83.0
≥ 80	60.9	81.7	82.8	83.8	84.6	84.7	85.4	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.8	85.8
≥ 70	61.1	83.0	84.5	85.7	86.6	86.7	87.3	87.3	87.5	87.7	87.8	87.8	87.8	87.8	88.0	88.0
≥ 60	61.4	83.4	85.5	86.8	87.8	88.0	88.7	88.7	88.9	89.1	89.2	89.2	89.2	89.2	89.4	89.4
≥ 50	61.4	84.3	86.5	88.7	9 .4	90.6	91.6	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.5	92.5
≥ 40	61.4	84.9	87.4	89.9	91.8	92.3	93.9	94.2	94.5	94.9	95.1	95.2	95.2	95.2	95.4	95.4
≥ 30	61.4	85.1	87.5	90.1	92.0	92.7	94.7	95.2	95.6	96.0	96.1	96.2	96.2	96.2	96.5	96.5
≥ 20	61.4	85.1	87.5	90.1	92.3	92.9	95.3	95.9	96.5	97.2	97.4	97.5	97.5	97.5	97.8	98.0
≥ 10	61.4	85.1	87.5	90.1	92.3	92.9	95.3	96.0	96.7	97.6	98.1	98.2	98.4	98.5	98.9	99.0
≥ 0	61.4	85.1	87.5	90.1	92.3	92.9	95.3	96.0	96.7	97.6	98.1	98.2	98.4	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	32.9	36.2	36.8	37.6	37.6	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	33.6	39.7	40.2	41.1	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 18000	33.9	39.7	40.2	41.1	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
> 9000	33.8	39.7	40.2	41.1	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 4000	34.1	40.2	40.8	41.6	41.7	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 2000	34.1	41.0	41.5	42.4	42.5	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 1000	36.5	43.4	44.0	45.1	45.2	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 900	36.5	43.5	44.1	45.2	45.3	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 800	36.8	43.8	44.4	45.5	45.7	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 700	37.2	44.5	45.2	46.2	46.5	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 600	38.2	45.7	46.3	47.4	47.6	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 500	39.4	47.1	48.1	49.0	49.2	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 450	40.4	48.4	49.2	50.4	50.8	51.2	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 400	41.1	49.4	50.2	51.4	51.7	52.2	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 350	41.3	50.8	51.6	52.8	53.1	53.5	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 300	43.0	53.0	53.9	55.1	55.4	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 250	44.2	56.1	57.2	58.4	58.8	59.2	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 200	45.1	59.7	61.0	62.2	62.6	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 180	46.1	61.5	63.0	64.2	64.6	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 150	47.8	65.2	66.9	68.1	68.7	69.2	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 120	48.4	68.6	71.6	73.1	74.0	74.6	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 100	48.6	70.1	73.7	75.3	76.1	77.0	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 90	49.2	71.9	75.6	77.5	78.5	79.4	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 80	49.4	72.4	77.0	79.6	80.9	81.7	82.6	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9
≥ 70	49.7	73.4	78.5	81.3	82.8	83.8	84.9	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 60	49.7	73.9	79.1	82.4	84.4	85.8	87.0	87.1	87.1	87.4	87.5	87.5	87.6	87.7	87.7	87.7
≥ 50	49.7	74.4	79.9	83.4	85.9	87.6	88.9	89.2	89.2	89.6	89.7	89.7	89.8	89.9	89.9	89.9
≥ 40	49.7	74.5	80.4	84.2	87.2	89.0	90.3	91.2	91.3	91.6	91.7	91.7	91.9	92.0	92.0	92.0
≥ 30	49.7	74.5	80.4	84.3	87.6	89.7	91.2	92.3	92.5	93.1	93.2	93.2	93.4	93.5	93.7	93.7
≥ 20	49.7	74.5	80.4	84.3	87.6	89.8	91.5	92.7	93.3	94.7	94.9	94.9	95.6	95.9	96.0	96.1
≥ 10	49.7	74.5	80.4	84.3	87.6	89.8	91.5	92.7	93.3	94.7	95.2	95.3	96.1	97.1	97.8	98.8
≥ 0	49.7	74.5	80.4	84.3	87.6	89.8	91.5	92.7	93.3	94.7	95.2	95.3	96.1	97.1	98.1	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

1 [illegible] 4	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.8	41.4	40.6	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	38.7	46.1	46.5	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.
≥ 18000	39.1	46.7	47.0	47.2	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 16000	39.6	47.1	47.4	47.6	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 14000	39.9	47.8	48.2	48.4	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 12000	40.8	48.9	49.2	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 10000	42.0	50.4	50.8	51.0	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	42.9	51.3	51.6	51.8	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 8000	43.0	51.5	51.8	52.0	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000	43.4	52.2	52.6	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 6000	44.3	53.1	53.5	53.9	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 5000	44.3	54.1	54.7	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 4500	45.6	55.5	56.2	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 4000	45.8	56.2	57.0	57.3	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 3500	46.3	57.5	58.3	58.6	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 3000	47.5	59.8	60.5	60.9	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 2500	48.2	63.5	64.3	64.6	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 2000	49.2	67.3	68.1	68.6	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1800	50.0	68.5	69.4	70.0	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 1500	50.9	71.9	72.9	73.8	74.2	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1200	51.4	76.0	78.2	79.5	80.5	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1000	51.6	77.5	79.9	81.5	83.0	83.3	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 900	51.7	78.8	81.2	83.3	84.8	85.2	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	51.7	79.2	81.9	84.7	86.8	87.3	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 700	51.7	79.8	82.9	86.0	88.4	89.0	89.4	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 600	51.7	80.3	83.7	86.9	89.5	90.4	9 .0	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	51.7	80.3	84.1	87.6	90.4	91.7	92.4	92.9	93.0	93.8	93.8	93.9	93.9	93.9	93.9	93.9
≥ 400	51.7	80.5	84.4	88.0	91.2	92.5	93.3	94.1	94.4	95.3	95.3	95.4	95.5	95.5	95.5	95.5
≥ 300	51.7	80.5	84.4	88.0	91.2	92.6	93.7	94.7	95.4	96.5	96.8	96.9	97.0	97.0	97.0	97.0
≥ 200	51.7	80.5	84.5	88.1	91.3	92.8	93.9	95.2	96.5	97.6	98.3	98.6	98.8	98.8	98.9	98.9
≥ 100	51.7	80.5	84.5	88.1	91.3	92.8	93.9	95.3	96.6	97.7	98.5	98.9	99.4	99.5	99.8	99.8
≥ 0	51.7	80.5	84.5	88.1	91.3	92.8	93.9	95.3	96.6	97.7	98.5	98.9	99.4	99.5	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

1[illegible]4	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.8	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	49.5	54.8	55.2	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
≥ 18000	50.2	55.7	56.[illegible]	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	50.8	56.2	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	51.7	57.6	58.[illegible]	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	52.3	58.3	58.6	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
≥ 10000	53.2	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	54.1	60.6	61.0	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	54.9	61.7	62.0	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	55.2	62.6	62.9	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
≥ 6000	56.1	63.5	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	57.1	64.9	65.3	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
≥ 4500	57.6	66.6	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	58.3	67.7	68.1	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
≥ 3500	59.9	72.4	72.8	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	62.0	73.9	74.2	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	63.9	78.0	78.4	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
≥ 2000	64.5	81.1	81.8	82.6	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	64.9	82.4	83.3	84.1	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	65.4	84.7	85.7	86.8	87.2	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	65.7	87.5	88.5	89.8	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	65.7	88.4	89.8	91.2	91.8	91.8	91.8	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	65.7	88.4	90.4	91.8	93.0	93.1	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	66.0	89.8	91.3	92.7	94.2	94.3	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	66.0	89.8	91.4	92.8	94.5	94.7	94.8	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	66.1	90.1	91.7	93.3	95.2	95.6	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	66.1	90.2	91.8	93.5	95.4	95.8	96.5	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	66.1	90.3	91.9	93.8	95.8	96.3	97.3	98.2	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	66.1	90.3	91.9	93.8	96.0	96.7	97.8	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	66.1	90.3	91.9	93.8	96.0	96.7	97.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.1	90.3	91.9	93.8	96.0	96.7	97.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.1	90.3	91.9	93.8	96.0	96.7	97.8	99.0	99.4	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

13904	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.2	50.6	50.6	50.8	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	54.2	59.9	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	54.7	61.6	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	55.7	61.7	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 4000	56.6	63.0	63.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 3000	58.1	64.5	64.7	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 2500	59.9	66.8	67.0	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
≥ 2000	60.2	67.1	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1800	61.0	68.5	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1700	61.8	69.4	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	62.6	70.2	70.5	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
≥ 5000	64.4	72.6	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	66.1	75.4	75.7	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4000	67.4	77.3	77.6	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	68.4	79.5	79.8	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	69.5	81.6	81.9	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	71.2	85.4	85.8	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	72.2	87.8	88.3	88.8	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	72.4	88.9	89.8	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	72.7	90.8	92.0	92.8	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	72.7	91.6	93.0	93.8	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	72.7	92.4	94.0	94.7	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 900	72.7	92.5	94.2	94.9	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 800	72.7	92.8	94.5	95.4	96.0	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 700	72.8	93.0	94.7	95.6	96.2	96.3	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 600	72.9	93.3	95.4	96.2	97.0	97.2	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 500	72.9	93.3	95.4	96.2	97.0	97.2	98.0	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	72.9	93.3	95.4	96.2	97.0	97.3	98.2	98.6	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	72.9	93.3	95.4	96.2	97.0	97.3	98.2	98.7	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	72.9	93.3	95.4	96.2	97.0	97.3	98.2	98.7	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	72.9	93.3	95.4	96.2	97.0	97.3	98.2	98.7	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	72.9	93.3	95.4	96.2	97.0	97.3	98.2	98.7	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1394	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.7	55.4	55.6	56.2	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	58.3	64.1	64.4	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 18000	58.8	64.6	64.9	65.6	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	59.7	65.5	65.8	66.5	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	61.0	67.0	67.3	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	62.4	68.6	68.9	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	64.8	71.3	71.6	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	65.4	71.8	72.2	72.8	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	65.8	72.7	73.0	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	67.1	74.0	74.3	74.9	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	67.7	75.1	75.4	76.0	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	69.1	77.1	77.4	78.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	70.8	79.4	79.7	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	71.5	80.2	80.5	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	72.2	81.1	81.4	82.0	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	73.9	83.1	83.4	84.1	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	74.4	85.1	85.7	86.3	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	75.1	87.1	88.0	88.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	75.6	88.6	89.6	90.5	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	75.9	90.0	91.0	91.9	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	76.1	90.6	91.8	92.9	93.5	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 1000	76.1	91.4	92.7	93.8	94.4	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	76.5	91.8	93.1	94.2	94.8	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	76.5	92.2	93.7	94.7	95.4	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	76.6	92.4	94.0	95.2	95.8	96.1	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	76.6	92.7	94.5	95.7	96.3	96.7	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	76.6	92.7	94.8	96.1	96.8	97.1	97.6	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	76.6	92.7	94.8	96.1	96.8	97.1	97.8	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	76.6	92.7	94.8	96.1	97.0	97.3	98.3	98.6	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	76.6	92.7	94.8	96.1	97.0	97.3	98.4	98.7	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	76.6	92.7	94.8	96.1	97.0	97.3	98.5	98.8	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	76.6	92.7	94.8	96.1	97.0	97.3	98.5	98.8	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.2	57.0	57.5	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	56.2	61.7	62.3	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	56.5	61.9	62.5	62.9	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	56.9	62.4	62.9	63.3	63.4	63.4	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	57.8	63.3	63.9	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	59.7	65.2	65.7	66.1	66.2	66.2	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	62.3	67.8	68.4	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	62.6	68.2	68.7	69.1	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	62.7	68.3	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	63.1	68.6	69.1	69.6	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	63.4	69.1	69.7	70.1	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	64.9	71.1	71.6	72.0	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	65.7	72.5	73.1	73.4	73.5	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000	65.9	72.7	73.2	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	65.9	73.2	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	66.6	74.1	74.7	75.2	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	67.8	76.7	77.6	78.2	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	70.1	80.5	81.6	82.3	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800	71.0	82.5	83.5	84.2	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	72.3	85.6	86.8	87.4	87.6	87.6	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	73.2	87.7	89.1	89.8	90.1	90.1	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	73.9	89.0	90.5	91.2	91.6	91.6	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	74.3	89.8	91.3	91.9	92.4	92.4	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	74.3	90.5	92.3	92.9	93.3	93.3	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	74.3	90.6	92.5	93.1	93.7	93.9	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	74.3	91.1	93.1	93.9	94.5	95.1	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	74.4	91.2	93.5	94.3	95.1	95.8	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	74.4	91.3	93.8	94.8	95.8	96.6	97.6	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	74.4	91.3	93.8	94.9	96.1	96.9	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6
≥ 200	74.4	91.3	93.8	94.9	96.2	97.0	98.2	98.6	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.5
≥ 100	74.4	91.3	93.8	94.9	96.2	97.0	98.2	98.6	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.8
≥ 0	74.4	91.3	93.8	94.9	96.2	97.0	98.2	98.6	98.9	99.2	99.4	99.4	99.4	99.5	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

12904	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

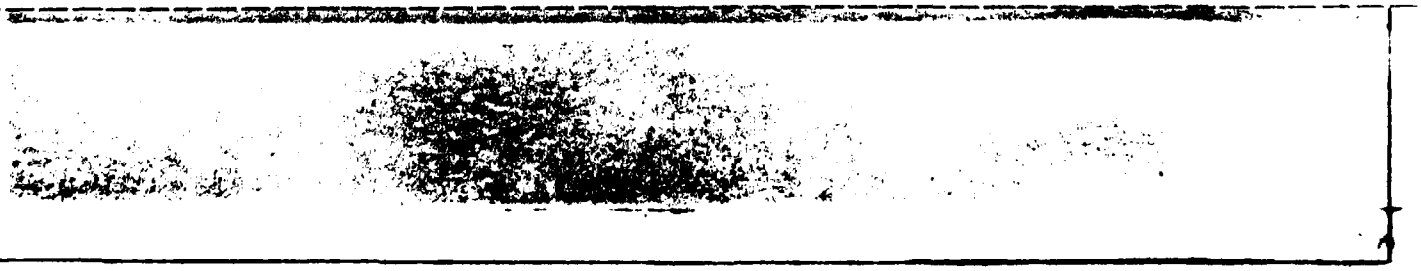
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.6	46.8	47.1	47.5	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	47.2	52.5	52.9	53.3	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	47.5	52.9	53.3	53.7	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	48.0	53.3	53.8	54.2	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6
≥ 14000	48.7	54.3	54.7	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
≥ 12000	49.9	55.6	56.1	56.5	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9
≥ 10000	51.6	57.7	58.1	58.6	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0
≥ 9000	52.0	58.1	58.5	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
≥ 8000	52.3	58.7	59.1	59.6	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	52.9	59.4	59.9	60.3	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 6000	53.7	60.3	60.8	61.3	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 5000	54.9	61.8	62.4	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4
≥ 4500	56.1	63.5	64.1	64.6	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4000	56.6	64.4	64.9	65.4	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥ 3500	57.4	65.8	66.3	66.9	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5
≥ 3000	58.5	67.8	68.3	68.9	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5
≥ 2500	59.8	70.8	71.5	72.2	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 2000	61.3	74.2	75.0	75.8	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1800	62.0	75.8	76.7	77.5	77.8	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1500	63.0	78.7	79.7	80.6	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 1200	64.0	81.8	83.3	84.3	84.9	85.0	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1000	64.3	83.5	85.1	86.3	86.9	87.2	87.5	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 900	64.7	84.7	86.4	87.7	88.5	88.7	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 800	64.8	85.6	87.5	89.0	90.0	90.3	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 700	64.9	86.1	88.3	89.9	91.0	91.4	91.9	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 600	65.0	86.5	89.0	90.7	92.0	92.5	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 500	65.1	86.8	89.5	91.4	93.0	93.7	94.5	94.7	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 400	65.1	87.0	89.8	91.9	93.8	94.5	95.6	96.0	96.3	96.7	96.7	96.8	96.8	96.8	96.9	96.9
≥ 300	65.1	87.0	89.8	92.0	93.9	94.8	96.0	96.6	96.9	97.4	97.6	97.6	97.7	97.7	97.8	97.8
≥ 200	65.1	87.0	89.9	92.0	94.0	94.9	96.2	97.0	97.5	98.1	98.4	98.5	98.6	98.7	98.8	98.9
≥ 100	65.1	87.0	89.9	92.0	94.0	94.9	96.2	97.0	97.6	98.3	98.7	98.8	99.0	99.2	99.4	99.6
≥ 0	65.1	87.0	89.9	92.0	94.0	94.9	96.2	97.0	97.6	98.3	98.7	98.8	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7443

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

13904	BERGSTROM AFB TX	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.1	43.9	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4
≥ 20000	44.2	47.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0
≥ 18000	44.2	47.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0
≥ 16000	44.2	47.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0
≥ 14000	44.9	48.4	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0
≥ 12000	45.6	49.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
≥ 10000	47.0	51.0	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6
≥ 9000	47.0	51.0	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6
≥ 8000	47.2	51.3	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9
≥ 7000	48.1	52.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9
≥ 6000	48.6	52.8	54.0	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
≥ 5000	49.1	53.8	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
≥ 4500	49.7	54.6	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
≥ 4000	50.0	55.2	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
≥ 3500	50.4	56.6	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3
≥ 3000	51.3	57.7	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6
≥ 2500	53.0	60.4	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.6	62.6	62.6	62.6
≥ 2000	54.7	65.0	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.3
≥ 1800	55.6	66.9	68.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.2
≥ 1500	57.6	72.2	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9
≥ 1200	59.4	79.8	81.8	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0
≥ 1000	59.7	82.7	84.9	85.6	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4
≥ 900	60.6	85.7	88.1	88.8	89.2	89.3	89.4	89.4	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7
≥ 800	61.0	87.6	90.6	91.3	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2
≥ 700	61.0	87.8	91.0	91.8	92.6	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.2	93.2	93.2	93.2
≥ 600	61.1	88.1	91.6	92.4	93.3	93.7	93.8	93.8	93.8	93.8	93.9	93.9	94.1	94.1	94.1	94.1
≥ 500	61.1	88.7	92.4	93.9	95.0	95.3	95.6	95.6	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1
≥ 400	61.2	89.0	92.8	94.7	96.0	96.8	97.4	97.8	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4
≥ 300	61.2	89.0	92.8	94.7	96.1	97.1	98.0	98.3	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0
≥ 200	61.2	89.0	92.8	94.7	96.1	97.1	98.1	98.4	98.6	98.8	99.1	99.1	99.3	99.3	99.3	99.3
≥ 100	61.2	89.0	92.8	94.7	96.1	97.1	98.1	98.4	98.6	98.8	99.1	99.2	99.4	99.6	99.6	99.6
≥ 0	61.2	89.0	92.8	94.7	96.1	97.1	98.1	98.4	98.6	98.8	99.1	99.2	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (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	32.9	37.0	37.8	38.4	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.9	39.1	39.1	39.1
≥ 20000	34.6	39.1	39.9	40.6	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.2	41.2	41.2
≥ 18000	34.6	39.1	39.9	40.6	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.2	41.2	41.2
≥ 16000	34.6	39.1	39.9	40.6	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.2	41.2	41.2
≥ 14000	34.8	39.6	40.3	41.0	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.7	41.7	41.7
≥ 12000	35.2	40.4	41.3	42.0	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.7	42.7	42.7
≥ 10000	37.2	42.6	43.7	44.3	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.9	45.1	45.1	45.1
≥ 9000	37.4	42.8	43.9	44.6	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.3	45.3	45.3
≥ 8000	38.2	43.7	44.8	45.6	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.3	46.3	46.3
≥ 7000	38.6	44.1	45.2	46.0	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.6	46.8	46.8	46.8
≥ 6000	38.7	44.4	45.6	46.3	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.9	47.1	47.1	47.1
≥ 5000	39.1	45.2	46.3	47.1	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.9	47.9	47.9
≥ 4500	40.8	47.2	48.4	49.2	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.8	50.0	50.0	50.0
≥ 4000	40.9	47.6	48.8	49.6	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.3	50.3	50.3
≥ 3500	41.3	48.2	49.4	50.2	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.8	51.0	51.0	51.0
≥ 3000	42.7	50.0	51.2	52.1	52.3	52.3	52.6	52.6	52.7	52.7	52.7	52.7	52.8	53.0	53.0	53.0
≥ 2500	44.4	53.2	54.4	55.3	55.7	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.4	56.4	56.4
≥ 2000	45.4	57.2	58.9	59.9	60.2	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.8	61.0	61.0	61.0
≥ 1800	45.7	59.4	61.1	62.1	62.4	62.6	62.8	62.8	62.9	62.9	62.9	62.9	63.0	63.2	63.2	63.2
≥ 1500	46.8	63.9	65.8	66.9	67.2	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.8	68.0	68.0	68.0
≥ 1200	47.3	69.4	71.3	72.7	73.1	73.2	73.4	73.6	73.7	73.7	73.7	73.7	73.8	74.0	74.0	74.0
≥ 1000	47.8	72.6	74.8	76.2	76.8	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.4	77.7	77.7	77.7
≥ 900	48.2	75.8	78.3	80.0	80.6	80.8	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.6	81.6	81.6
≥ 800	49.1	78.6	81.4	83.9	84.4	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.3	85.6	85.6	85.6
≥ 700	49.2	79.7	83.1	85.7	86.3	86.6	86.8	87.0	87.1	87.1	87.1	87.1	87.2	87.4	87.4	87.4
≥ 600	49.2	80.8	84.3	87.4	88.3	88.6	88.8	89.0	89.1	89.1	89.1	89.1	89.2	89.4	89.4	89.4
≥ 500	49.2	81.3	85.4	89.3	90.8	91.0	91.3	91.7	91.8	91.9	91.9	91.9	92.0	92.2	92.2	92.2
≥ 400	49.3	82.1	86.3	90.4	93.0	93.3	94.4	94.8	95.3	95.7	95.7	95.7	95.9	96.1	96.1	96.1
≥ 300	49.3	82.1	86.6	90.8	93.4	94.0	95.4	96.0	96.6	96.9	96.9	96.9	97.1	97.3	97.3	97.6
≥ 200	49.3	82.1	86.6	90.8	93.6	94.1	95.9	96.8	97.3	97.7	97.7	97.7	97.9	98.3	98.3	98.6
≥ 100	49.3	82.1	86.6	90.8	93.6	94.1	95.9	97.0	97.6	97.9	98.2	98.2	98.4	99.1	99.3	99.6
≥ 0	49.3	82.1	86.6	90.8	93.6	94.1	95.9	97.0	97.6	97.9	98.2	98.2	98.4	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17904	BERGSTROM AFB TX	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.7	30.9	31.3	31.7	31.8	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3
≥ 20000	26.3	34.0	34.6	35.0	35.2	35.6	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	36.1
≥ 18000	26.3	34.0	34.6	35.0	35.2	35.6	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	36.1
≥ 16000	26.7	34.3	34.9	35.3	35.6	35.9	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.4
≥ 14000	27.0	34.8	35.3	35.8	36.0	36.3	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.9
≥ 12000	27.6	35.7	36.4	36.9	37.2	37.6	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	38.1
≥ 10000	28.2	36.3	37.1	37.7	38.2	38.6	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	39.1
≥ 9000	28.4	36.7	37.4	38.0	38.6	39.9	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.4
≥ 8000	29.0	38.0	39.1	39.7	40.2	40.6	40.8	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.2
≥ 7000	29.7	39.4	40.8	41.3	41.9	42.2	42.4	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.9
≥ 6000	29.8	40.2	41.6	42.1	42.7	43.0	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.7
≥ 5000	30.8	41.4	42.9	43.4	44.1	44.4	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1
≥ 4500	31.8	43.0	44.6	45.1	46.0	46.3	46.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	47.0
≥ 4000	31.9	43.2	44.9	45.4	46.3	46.7	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.3
≥ 3500	32.4	44.3	46.1	46.6	47.7	48.1	48.3	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.8
≥ 3000	32.8	45.4	47.2	47.8	48.9	49.3	49.6	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.1
≥ 2500	33.8	48.3	50.3	51.2	52.3	52.8	53.0	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.7
≥ 2000	34.6	52.4	55.9	57.2	58.4	58.9	59.1	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.8
≥ 1800	34.9	53.7	57.6	59.1	60.3	60.8	61.1	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.8
≥ 1500	35.7	57.6	62.2	63.8	65.1	65.6	66.0	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.8
≥ 1200	36.2	61.8	67.2	69.1	70.6	71.0	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.3
≥ 1000	36.6	63.2	69.3	71.6	73.1	73.6	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	75.0
≥ 900	36.9	65.3	72.3	75.0	77.1	77.6	78.2	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	79.0
≥ 800	37.3	66.3	74.0	77.6	80.0	80.9	81.8	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.9
≥ 700	37.3	67.0	75.4	79.6	82.9	84.0	85.0	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1
≥ 600	37.3	67.6	76.2	80.6	84.7	85.9	87.1	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.3
≥ 500	37.3	68.0	76.9	81.4	86.2	87.9	89.7	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	91.0
≥ 400	37.3	68.1	77.0	81.7	87.7	89.8	92.3	93.4	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.6
≥ 300	37.3	68.1	77.0	81.8	88.1	90.8	93.7	94.8	95.4	95.9	96.0	96.0	96.0	96.0	96.2	96.6
≥ 200	37.3	68.1	77.1	81.9	88.3	91.0	94.0	95.4	96.1	96.7	96.9	97.1	97.2	97.4	98.0	98.4
≥ 100	37.3	68.2	77.2	82.0	88.4	91.1	94.1	95.6	96.4	97.0	97.2	97.4	97.7	97.9	99.1	99.7
≥ 0	37.3	68.2	77.2	82.0	88.4	91.1	94.1	95.6	96.4	97.0	97.2	97.4	97.7	97.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

1[illegible]4 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-8[illegible] (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

.900-110 (HOURS (L.S.T.))

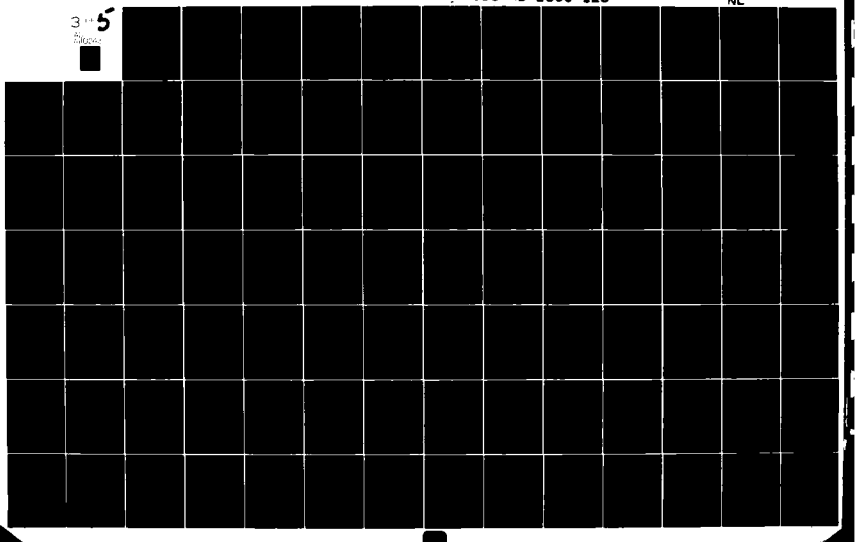
CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.9	37.0	37.1	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.
≥ 20000	35.4	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.
≥ 18000	35.9	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.
≥ 16000	35.9	42.9	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.
≥ 14000	36.8	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.
≥ 12000	37.2	44.4	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.
≥ 10000	38.1	46.1	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.
≥ 9000	38.4	46.6	46.8	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.
≥ 8000	38.9	47.4	47.8	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.
≥ 7000	39.9	48.7	49.1	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.
≥ 6000	40.4	50.1	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.
≥ 5000	40.9	51.4	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.
≥ 4500	41.4	52.6	53.2	53.3	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.
≥ 4000	41.7	53.2	54.1	54.2	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.
≥ 3500	42.1	53.8	54.6	54.8	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.
≥ 3000	43.0	55.7	56.6	56.8	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.
≥ 2500	44.7	61.2	62.6	62.8	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.
≥ 2000	46.2	66.3	68.1	68.3	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.
≥ 1800	46.9	69.0	71.1	71.3	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.
≥ 1500	48.1	73.7	76.7	77.2	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.
≥ 1200	49.3	79.2	83.4	84.2	85.0	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.
≥ 1000	49.2	81.3	86.1	87.1	88.3	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.
≥ 900	49.3	82.7	87.8	89.0	90.4	90.8	9 .1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.
≥ 800	49.3	83.0	88.3	89.8	91.8	92.1	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.
≥ 700	49.3	83.9	89.3	91.1	93.3	93.7	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.
≥ 600	49.3	84.2	89.7	91.4	94.1	94.7	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.
≥ 500	49.3	84.4	90.0	92.1	95.3	95.9	96.9	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.
≥ 400	49.3	84.4	90.0	92.2	95.8	96.6	98.0	98.6	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.
≥ 300	49.3	84.4	90.0	92.2	95.8	96.6	98.1	98.8	98.8	99.1	99.2	99.2	99.3	99.6	99.6	99.
≥ 200	49.3	84.4	90.0	92.2	95.8	96.6	98.1	98.8	98.9	99.2	99.3	99.4	99.6	99.9	99.9	99.
≥ 100	49.3	84.4	90.0	92.2	95.8	96.6	98.1	98.8	98.9	99.2	99.3	99.4	99.6	99.9	99.9	[illegible]
≥ 0	49.3	84.4	90.0	92.2	95.8	96.6	98.1	98.8	98.9	99.2	99.3	99.4	99.6	99.9	99.9	[illegible]

TOTAL NUMBER OF OBSERVATIONS ___

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A110 243 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BERGSTROM AFB, AUSTIN, TEXAS REVISED UNIFORM SUMMARY OF SURFACE--ETC(U)
AUG 81

UNCLASSIFIED USAFETAC/DS-81/088 SBI-AD-E850 126 NL



10243

1.0
1.1
1.25
1.4
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2.8
3.2
3.6
4.0
2.5
2.2
2.0
1.8

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]4 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | APR (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	41.8	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	47.2	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	53.9
≥ 18000	47.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	47.8	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	48.[illegible]	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000	49.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 10000	50.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	51.0	59.2	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	52.2	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	52.8	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 6000	53.9	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
≥ 5000	54.3	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4500	55.3	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	56.7	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3500	58.1	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3000	60.4	75.3	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2500	61.7	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2000	62.7	85.7	86.3	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
≥ 1800	63.0	86.9	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	63.8	89.1	90.1	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	64.[illegible]	90.8	92.3	92.9	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	64.4	91.7	93.3	94.1	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	64.6	91.9	93.7	94.4	96.0	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	64.6	91.9	93.7	94.6	96.2	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	64.6	92.0	93.8	94.9	96.7	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	64.6	92.0	93.8	94.9	96.8	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	64.6	92.1	94.0	95.1	97.2	97.6	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	64.6	92.1	94.0	95.1	97.3	97.7	98.6	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥ 300	64.6	92.1	94.0	95.1	97.3	97.7	98.6	99.0	99.1	99.3	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	64.6	92.1	94.0	95.1	97.3	97.7	98.6	99.0	99.1	99.3	99.6	99.7	99.9	100.0	100.0	100.0
≥ 100	64.6	92.1	94.0	95.1	97.3	97.7	98.6	99.0	99.1	99.3	99.6	99.7	99.9	100.0	100.0	100.0
≥ 0	64.6	92.1	94.0	95.1	97.3	97.7	98.6	99.0	99.1	99.3	99.6	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.3	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	53.2	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	59.9	59.9
≥ 18000	53.3	59.9	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	53.3	59.9	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	53.8	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	55.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	57.2	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
≥ 9000	57.6	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	58.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	59.2	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
≥ 6000	60.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	62.2	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	72.4
≥ 4500	64.8	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	65.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	67.0	82.0	82.1	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
≥ 3000	68.1	84.4	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	68.8	88.1	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	69.8	90.7	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	69.9	91.1	92.0	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
≥ 1500	70.1	92.2	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	70.3	92.9	94.0	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
≥ 1000	70.4	93.2	94.6	95.3	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 900	70.4	93.3	94.8	95.6	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 800	70.4	93.4	95.1	96.0	96.4	96.4	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 700	70.4	93.4	95.3	96.4	96.8	96.9	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 600	70.4	93.6	95.4	96.6	97.1	97.1	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 500	70.4	93.7	95.6	96.8	97.4	97.4	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 400	70.4	93.7	95.6	96.8	97.4	97.6	98.6	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 300	70.4	93.7	95.6	96.9	97.6	97.7	98.7	98.9	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	70.4	93.7	95.6	96.9	97.6	97.7	98.7	98.9	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	70.4	93.7	95.6	96.9	97.6	97.7	98.7	98.9	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	70.4	93.7	95.6	96.9	97.6	97.7	98.7	98.9	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69-70,73-80	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.8	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	57.9	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	57.9	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	58.2	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	58.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	59.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥ 10000	61.4	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	61.8	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000	63.1	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	64.0	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	65.6	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	67.3	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	68.9	81.6	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	69.3	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	70.3	85.1	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	71.0	86.8	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	71.6	88.7	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	72.3	90.6	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	72.4	90.8	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	72.8	92.2	93.3	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	72.8	93.1	94.9	95.4	95.7	95.8	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	72.9	94.1	95.9	96.6	96.8	96.9	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	72.9	94.6	96.4	97.2	97.4	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	72.9	94.7	96.8	97.6	98.0	98.1	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	72.9	94.7	96.9	97.7	98.2	98.3	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	72.9	94.7	96.9	97.7	98.3	98.4	98.7	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	72.9	94.7	97.0	97.9	98.7	98.8	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	72.9	94.7	97.0	97.9	98.8	98.9	99.1	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	72.9	94.7	97.0	97.9	98.8	98.9	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	72.9	94.7	97.0	97.9	98.8	98.9	99.1	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.9	94.7	97.0	97.9	98.8	98.9	99.1	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.9	94.7	97.0	97.9	98.8	98.9	99.1	99.4	99.6	99.7	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

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | APP (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	51.2	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	55.2	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	55.2	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	55.2	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	56.3	61.4	61.8	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	56.7	62.1	62.4	62.4	62.6	62.6	62.6	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	58.4	64.0	64.3	64.3	64.4	64.4	64.4	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	58.7	64.2	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	59.3	65.2	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	59.9	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	61.4	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	62.4	69.1	69.4	69.4	69.6	69.6	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	63.8	71.4	72.1	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	64.6	72.7	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	65.3	74.8	75.3	75.3	75.4	75.4	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	66.4	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	67.2	78.6	79.1	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	69.8	82.3	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800	70.6	84.2	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	72.3	88.0	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	72.8	91.3	92.3	92.6	92.8	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	72.9	92.0	93.1	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	73.1	93.0	94.1	94.4	94.8	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	73.3	93.9	95.0	95.4	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	73.3	94.0	95.4	95.9	96.8	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	73.4	94.1	95.7	96.3	97.2	97.3	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	73.6	94.2	95.9	96.7	97.8	97.9	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	73.6	94.2	95.9	96.8	98.1	98.4	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	73.6	94.2	95.9	96.8	98.1	98.4	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	73.6	94.2	95.9	96.8	98.1	98.4	98.8	99.0	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	73.6	94.2	95.9	96.8	98.1	98.4	98.8	99.0	99.2	99.3	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	73.6	94.2	95.9	96.8	98.1	98.4	98.8	99.0	99.2	99.3	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.9	44.3	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.1
≥ 20000	44.3	50.1	50.5	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0
≥ 18000	44.4	50.2	50.6	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1
≥ 16000	44.5	50.3	50.7	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
≥ 14000	45.0	51.2	51.6	51.7	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	45.9	52.3	52.8	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 10000	47.3	54.2	54.7	54.9	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3
≥ 9000	47.5	54.5	55.0	55.2	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6
≥ 8000	48.3	55.8	56.3	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	49.0	56.7	57.3	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0
≥ 6000	49.8	57.9	58.5	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2
≥ 5000	50.8	59.6	60.2	60.4	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9
≥ 4500	52.0	61.8	62.6	62.8	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
≥ 4000	52.6	62.8	63.6	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 3500	53.4	64.4	65.2	65.5	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0
≥ 3000	54.5	66.5	67.4	67.7	67.9	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.3
≥ 2500	55.6	69.8	70.8	71.2	71.5	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9
≥ 2000	56.9	73.8	75.2	75.7	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 1800	57.4	75.3	76.8	77.3	77.6	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1500	58.4	78.6	80.5	81.1	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 1200	59.0	82.3	84.7	85.5	86.0	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6
≥ 1000	59.2	83.8	86.5	87.5	88.2	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 900	59.5	85.3	88.2	89.3	90.2	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 800	59.8	86.2	89.4	90.8	91.8	92.1	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8
≥ 700	59.8	86.6	90.0	91.6	93.0	93.3	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 600	59.8	86.9	90.4	92.2	93.7	94.1	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 500	59.8	87.1	90.9	92.9	94.8	95.2	95.9	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.6
≥ 400	59.8	87.3	91.1	93.2	95.5	96.1	97.2	97.6	97.8	98.1	98.1	98.1	98.2	98.3	98.3	98.3
≥ 300	59.8	87.3	91.1	93.3	95.7	96.4	97.5	98.0	98.3	98.6	98.7	98.7	98.8	98.8	98.9	99.0
≥ 200	59.8	87.3	91.1	93.3	95.7	96.4	97.7	98.2	98.5	98.8	99.0	99.1	99.2	99.3	99.4	99.5
≥ 100	59.8	87.3	91.1	93.3	95.7	96.4	97.7	98.3	98.6	98.9	99.1	99.2	99.3	99.5	99.7	99.8
≥ 0	59.8	87.3	91.1	93.3	95.7	96.4	97.7	98.3	98.6	98.9	99.1	99.2	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.0	51.6	52.4	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	45.3	55.6	56.3	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	45.4	55.7	56.5	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	45.5	55.8	56.6	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	46.0	56.3	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	47.1	57.4	58.2	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	48.3	59.0	59.8	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	48.6	59.5	60.2	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
≥ 8000	48.7	59.6	60.3	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
≥ 7000	49.5	60.4	61.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	49.9	60.9	61.6	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
≥ 5000	50.6	61.7	62.5	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
≥ 4500	51.3	62.7	63.4	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 4000	51.5	63.4	64.2	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
≥ 3500	52.0	64.2	64.9	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
≥ 3000	52.9	65.7	66.5	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2500	54.2	68.2	68.9	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 2000	55.4	71.7	72.7	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8
≥ 1800	55.8	73.2	74.2	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
≥ 1500	58.7	77.7	78.8	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2
≥ 1200	61.6	83.4	85.1	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.5	86.5
≥ 1000	63.1	86.7	88.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.1	90.1	90.1	90.1
≥ 900	64.0	88.2	90.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	92.0	92.0	92.0	92.0
≥ 800	64.7	90.1	92.6	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.4	94.4	94.4	94.4
≥ 700	64.8	90.6	93.5	94.6	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.7	95.7	95.7	95.7
≥ 600	65.2	91.3	94.2	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.3	96.3	96.3	96.3
≥ 500	65.3	91.9	95.2	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6
≥ 400	65.4	92.2	95.5	97.1	98.0	98.0	98.1	98.2	98.2	98.2	98.4	98.4	98.7	98.7	98.7	98.7
≥ 300	65.4	92.4	95.7	97.3	98.2	98.3	98.6	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.6	99.6
≥ 200	65.4	92.5	95.8	97.4	98.3	98.4	98.7	98.9	98.9	99.1	99.5	99.5	99.8	99.8	99.8	99.8
≥ 100	65.4	92.5	95.8	97.4	98.3	98.4	98.7	98.9	98.9	99.1	99.5	99.5	99.8	99.8	99.8	99.8
≥ 0	65.4	92.5	95.8	97.4	98.3	98.4	98.7	98.9	98.9	99.1	99.5	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

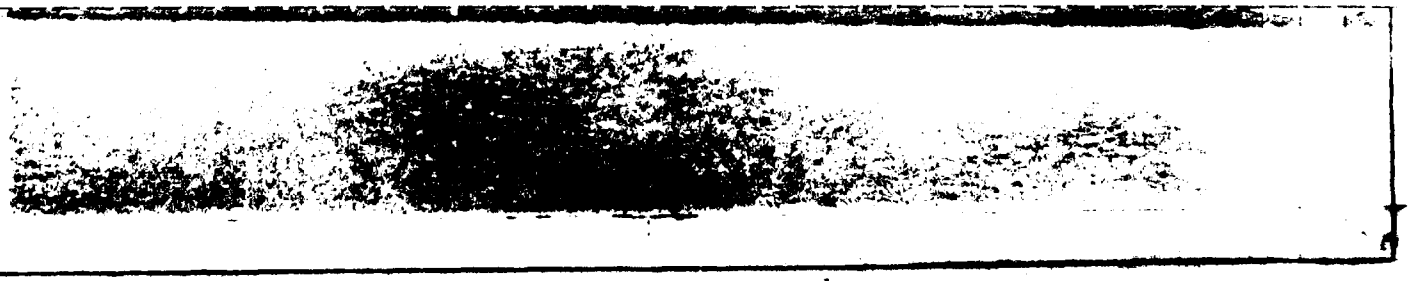
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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	28.9	34.1	35.2	36.5	37.1	37.1	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 20000	30.1	35.8	37.1	38.4	39.1	39.1	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7
≥ 18000	30.2	36.0	37.3	38.6	39.4	39.4	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9
≥ 16000	30.2	36.0	37.3	38.6	39.4	39.4	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9
≥ 14000	30.5	36.3	37.6	38.9	39.7	39.7	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2
≥ 12000	31.2	37.3	38.6	39.9	40.6	40.6	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2
≥ 10000	32.5	38.9	40.3	41.6	42.4	42.4	42.8	42.8	42.9	42.9	42.9	42.9	43.0	43.0	43.1	43.1
≥ 9000	33.0	39.5	40.9	42.2	42.9	42.9	43.3	43.3	43.4	43.4	43.4	43.4	43.5	43.5	43.7	43.7
≥ 8000	33.2	39.9	41.3	42.6	43.3	43.3	43.8	43.8	43.9	43.9	43.9	43.9	44.0	44.0	44.1	44.1
≥ 7000	33.7	40.9	42.3	43.5	44.3	44.3	44.7	44.7	44.8	44.8	44.8	44.8	44.9	44.9	45.1	45.1
≥ 6000	33.9	41.1	42.5	43.8	44.5	44.5	44.9	44.9	45.1	45.1	45.1	45.1	45.2	45.2	45.3	45.3
≥ 5000	34.2	41.6	43.0	44.3	45.1	45.1	45.5	45.5	45.6	45.6	45.6	45.6	45.7	45.7	45.8	45.8
≥ 4500	34.7	42.4	43.9	45.2	45.9	45.9	46.3	46.3	46.5	46.5	46.5	46.5	46.6	46.6	46.7	46.7
≥ 4000	35.4	43.2	44.7	46.0	46.8	46.8	47.2	47.2	47.3	47.3	47.3	47.3	47.4	47.4	47.5	47.5
≥ 3500	36.1	44.9	46.5	47.7	48.5	48.5	48.9	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.2	49.2
≥ 3000	36.2	46.0	47.5	48.8	49.6	49.6	50.0	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.3	50.3
≥ 2500	38.1	49.5	51.1	52.4	53.2	53.2	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.1	54.1
≥ 2000	38.7	53.3	55.1	56.3	57.2	57.2	57.7	57.7	57.8	57.8	57.8	57.8	58.0	58.0	58.1	58.1
≥ 1800	39.7	55.1	56.8	58.1	59.0	59.0	59.6	59.6	59.7	59.7	59.7	59.7	59.8	59.8	59.9	59.9
≥ 1500	41.4	58.9	60.8	62.2	63.1	63.1	63.7	63.7	63.8	63.8	63.8	63.8	63.9	63.9	64.0	64.0
≥ 1200	44.8	67.2	69.5	70.9	71.8	71.8	72.4	72.4	72.5	72.5	72.6	72.6	72.7	72.7	72.8	72.8
≥ 1000	47.4	72.6	74.8	76.5	77.4	77.4	78.0	78.0	78.2	78.2	78.3	78.3	78.4	78.4	78.5	78.5
≥ 900	48.5	75.1	77.8	79.8	80.9	80.9	81.4	81.4	81.6	81.6	81.7	81.7	81.8	81.8	81.9	81.9
≥ 800	49.8	78.0	81.4	84.0	85.2	85.2	85.8	85.8	86.1	86.1	86.2	86.2	86.3	86.3	86.5	86.5
≥ 700	50.4	80.3	83.9	86.9	88.1	88.2	88.8	88.8	89.1	89.1	89.2	89.2	89.4	89.4	89.5	89.5
≥ 600	51.0	81.7	85.4	88.6	89.9	90.1	90.8	90.8	91.1	91.1	91.2	91.2	91.3	91.3	91.4	91.4
≥ 500	51.3	83.7	87.4	91.1	92.7	92.9	93.7	93.7	94.1	94.1	94.3	94.3	94.4	94.4	94.5	94.5
≥ 400	51.4	84.5	88.5	92.5	94.2	94.5	95.6	95.9	96.3	96.3	96.6	96.6	96.7	96.8	96.9	96.9
≥ 300	51.4	84.8	88.9	93.0	94.7	95.1	96.1	96.6	97.0	97.0	97.5	97.6	97.7	97.8	98.0	98.0
≥ 200	51.4	84.8	88.9	93.0	94.7	95.1	96.5	97.1	97.5	97.6	98.2	98.3	98.4	98.5	98.7	98.7
≥ 100	51.4	84.8	88.9	93.0	94.7	95.1	96.5	97.2	97.6	98.0	98.5	98.6	98.8	98.9	99.2	99.5
≥ 0	51.4	84.8	88.9	93.0	94.7	95.1	96.5	97.2	97.6	98.0	98.5	98.6	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅝	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	19.0	26.3	28.9	30.2	31.0	31.2	31.8	32.2	32.3	32.4	32.4	32.4	32.6	32.6	32.7	32.8
≥ 20000	20.0	28.4	31.3	32.8	33.7	33.9	34.5	34.8	34.9	35.1	35.1	35.1	35.4	35.4	35.5	35.6
≥ 18000	20.0	28.4	31.3	32.8	33.7	33.9	34.5	34.8	34.9	35.1	35.1	35.1	35.4	35.4	35.5	35.6
≥ 16000	20.0	28.4	31.3	32.8	33.7	33.9	34.5	34.8	34.9	35.1	35.1	35.1	35.4	35.4	35.5	35.6
≥ 14000	20.3	29.1	32.0	33.5	34.4	34.6	35.3	35.6	35.7	35.8	35.8	35.8	36.1	36.1	36.2	36.3
≥ 12000	20.8	29.9	32.9	34.4	35.3	35.5	36.1	36.5	36.6	36.7	36.7	36.7	37.0	37.0	37.1	37.2
≥ 10000	22.3	32.3	35.4	37.0	37.8	38.1	38.7	39.0	39.1	39.2	39.2	39.2	39.6	39.6	39.7	39.8
≥ 9000	22.3	32.5	35.6	37.2	38.1	38.3	38.9	39.2	39.4	39.5	39.5	39.5	39.8	39.8	39.9	40.0
≥ 8000	23.0	33.7	37.1	38.7	39.6	39.8	40.4	40.8	40.9	41.0	41.0	41.0	41.3	41.3	41.4	41.5
≥ 7000	23.5	34.5	38.0	39.6	40.4	40.6	41.3	41.6	41.7	41.8	41.8	41.8	42.2	42.2	42.3	42.4
≥ 6000	23.8	35.1	38.5	40.2	41.2	41.4	42.0	42.4	42.5	42.6	42.6	42.6	42.9	42.9	43.0	43.1
≥ 5000	23.9	35.5	39.0	40.8	41.7	41.9	42.6	42.9	43.0	43.1	43.1	43.1	43.4	43.4	43.5	43.7
≥ 4500	24.2	36.0	39.8	41.6	42.6	42.8	43.4	43.8	43.9	44.0	44.0	44.0	44.3	44.3	44.4	44.5
≥ 4000	24.5	36.7	40.5	42.5	43.4	43.7	44.3	44.6	44.7	44.8	44.8	44.8	45.2	45.2	45.3	45.4
≥ 3500	24.9	37.5	41.6	43.8	44.7	44.9	45.6	45.9	46.0	46.1	46.1	46.1	46.5	46.5	46.6	46.7
≥ 3000	25.1	38.1	42.6	45.1	46.0	46.2	46.9	47.2	47.3	47.4	47.4	47.4	47.7	47.7	47.8	48.0
≥ 2500	25.7	42.3	47.6	50.2	51.3	51.5	52.3	52.8	52.9	53.0	53.0	53.0	53.3	53.3	53.4	53.5
≥ 2000	26.6	46.3	52.3	54.9	56.2	56.7	57.5	58.1	58.2	58.3	58.3	58.3	58.6	58.6	58.7	58.8
≥ 1800	27.0	47.8	53.9	56.8	58.1	58.5	59.4	59.9	60.0	60.1	60.1	60.1	60.4	60.4	60.5	60.6
≥ 1500	28.3	52.0	58.5	61.8	63.7	64.2	65.1	65.6	65.7	65.8	65.8	65.8	66.1	66.1	66.2	66.3
≥ 1200	29.8	57.0	64.5	68.3	70.1	70.6	71.6	72.4	72.5	72.9	73.0	73.0	73.3	73.3	73.4	73.5
≥ 1000	30.2	60.0	68.0	72.5	74.5	75.3	76.5	77.4	77.6	78.1	78.2	78.2	78.5	78.5	78.6	78.7
≥ 900	30.4	61.5	70.4	75.2	77.3	78.2	79.7	80.6	80.9	81.3	81.4	81.4	81.7	81.7	81.8	81.9
≥ 800	30.8	63.5	73.0	78.3	80.8	81.7	83.3	84.4	84.6	85.2	85.3	85.3	85.6	85.6	85.7	85.8
≥ 700	30.8	64.1	74.1	79.8	82.6	83.8	85.4	86.6	86.8	87.3	87.4	87.4	87.7	87.7	87.8	88.0
≥ 600	30.8	64.3	74.7	80.6	83.9	85.3	87.0	88.3	88.5	89.1	89.2	89.2	89.6	89.6	89.7	89.8
≥ 500	30.8	64.7	75.5	81.9	85.5	87.3	89.2	90.6	90.9	91.6	91.8	91.8	92.2	92.2	92.3	92.4
≥ 400	30.8	64.9	76.0	82.9	86.8	88.8	91.0	92.8	93.2	94.1	94.4	94.4	94.7	94.7	94.8	94.9
≥ 300	30.8	65.1	76.1	83.0	87.2	89.5	92.0	94.0	94.5	95.4	95.8	95.8	96.1	96.1	96.2	96.3
≥ 200	30.8	65.1	76.1	83.0	87.6	89.9	92.8	94.9	95.6	96.6	97.3	97.3	97.6	97.8	98.2	98.5
≥ 100	30.8	65.1	76.1	83.0	87.6	89.9	92.8	94.9	95.6	96.7	97.5	97.6	98.4	98.8	99.4	99.7
≥ 0	30.8	65.1	76.1	83.0	87.6	89.9	92.8	94.9	95.6	96.7	97.5	97.6	98.4	98.8	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

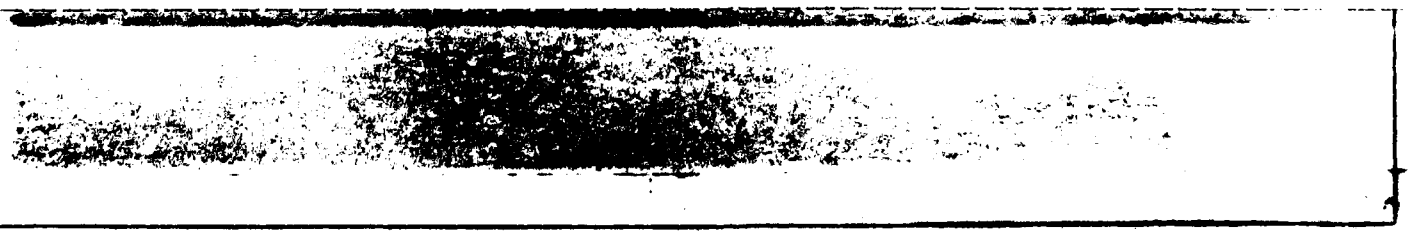
13974 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
MAY — MONTH
0900-1100 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.1	36.2	36.5	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	30.5	39.8	40.3	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 18000	30.5	39.8	40.0	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 16000	30.9	40.1	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 14000	31.3	40.9	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 12000	32.0	42.4	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 10000	34.6	46.2	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 9000	34.6	46.2	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 8000	35.6	48.0	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 7000	36.2	48.6	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 6000	36.9	49.5	49.8	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 5000	37.4	50.2	50.6	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4500	38.1	51.5	52.2	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4000	38.6	52.4	53.0	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 3500	39.8	54.9	55.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 3000	40.6	57.4	58.1	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 2500	44.1	66.3	67.5	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 2000	46.5	73.2	74.7	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1800	47.2	76.1	78.0	79.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1500	48.3	81.1	83.5	84.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	49.0	85.5	88.4	90.3	91.5	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	49.6	87.3	90.3	92.5	93.7	93.8	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	49.6	88.1	91.2	93.4	94.6	94.7	94.7	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	49.7	88.5	92.0	94.3	95.5	95.6	95.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	49.8	89.0	92.7	94.9	96.2	96.3	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	49.8	89.6	93.4	95.7	97.1	97.2	97.3	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	49.8	89.7	93.5	96.1	97.6	97.7	98.0	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	49.9	89.9	94.0	96.6	98.2	98.3	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	49.9	89.9	94.1	96.7	98.3	98.4	98.6	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	49.9	89.9	94.1	96.7	98.3	98.4	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	49.9	89.9	94.1	96.7	98.3	98.4	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	49.9	89.9	94.1	96.7	98.3	98.4	98.7	99.4	99.4	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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.1	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	42.3	53.0	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	42.4	53.1	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	42.8	53.5	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	43.7	54.4	54.5	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
≥ 12000	45.7	56.7	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 10000	47.6	59.0	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	47.6	59.0	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 8000	48.6	61.1	61.2	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
≥ 7000	49.5	61.9	62.0	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
≥ 6000	51.0	63.5	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000	51.7	64.9	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4500	54.4	69.0	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	56.1	72.0	72.5	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	59.4	77.6	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000	62.6	83.9	84.8	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	64.4	88.3	89.5	90.1	90.6	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	65.8	91.7	93.1	93.9	94.5	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	66.0	92.5	94.0	94.9	95.6	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	66.0	93.1	94.8	95.9	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	66.2	94.2	95.9	97.1	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	66.2	94.3	96.0	97.2	98.5	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	66.2	94.4	96.1	97.3	98.6	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	66.2	94.4	96.1	97.3	98.6	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	66.2	94.4	96.2	97.5	98.8	99.4	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.9	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	53.0	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
≥ 18000	53.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	53.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	53.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	54.0	64.4	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
≥ 10000	57.2	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	69.1	69.1
≥ 9000	57.8	69.5	69.8	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	59.4	71.6	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	60.0	72.3	72.6	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	60.6	73.2	73.5	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	61.5	74.9	75.3	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
≥ 4500	64.4	80.1	80.5	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
≥ 4000	65.7	82.6	83.1	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	67.7	86.0	86.6	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
≥ 3000	69.0	90.6	91.4	92.0	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	69.6	92.4	93.1	93.9	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	69.7	93.3	94.1	94.8	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	70.0	93.7	94.4	95.2	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
≥ 1500	70.5	94.6	95.4	96.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0
≥ 1200	70.8	95.6	96.8	97.6	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1000	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 900	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 800	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 700	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 600	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
0	70.8	95.6	96.8	97.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13914 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
MAY — MONTH
1800-2000 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.6	58.4	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
≥ 20000	58.9	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	59.1	68.6	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	69.0
≥ 16000	59.1	68.6	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	69.0
≥ 14000	59.9	69.8	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	61.1	71.4	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	64.9	75.4	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	65.3	76.0	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	66.5	77.8	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	67.4	78.9	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	67.7	79.8	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	69.2	82.3	83.1	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
≥ 4500	71.6	86.7	87.6	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
≥ 4000	72.2	88.0	88.9	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	73.4	89.8	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	74.5	91.7	93.4	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	75.2	92.7	94.6	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	75.4	93.4	95.4	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	75.5	93.5	95.5	96.2	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	75.5	94.1	96.0	96.9	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	75.7	94.4	96.8	97.6	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	75.8	94.7	97.1	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 900	75.8	94.8	97.2	98.1	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	75.8	94.8	97.2	98.1	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	75.8	94.8	97.2	98.1	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	75.8	94.8	97.3	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	75.8	94.8	97.3	98.2	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 400	75.8	94.8	97.4	98.4	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	75.8	94.8	97.4	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	75.8	94.8	97.4	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	75.8	94.8	97.4	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 0	75.8	94.8	97.4	98.4	98.8	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	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

13?4	BERGSTROM AFB TX	69-70,73-80	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.4	65.3	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	63.9	70.4	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
≥ 18000	63.9	70.6	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
≥ 16000	63.9	70.6	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
≥ 14000	64.4	71.2	71.9	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
≥ 12000	65.4	72.4	73.1	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
≥ 10000	66.8	74.3	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
≥ 9000	67.2	74.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	67.5	75.2	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	68.4	76.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	68.7	76.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	69.7	78.2	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	70.9	80.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	71.4	82.2	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	71.8	82.8	83.8	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
≥ 3000	73.5	85.2	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	86.5
≥ 2500	74.5	87.1	88.1	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	75.1	89.0	90.2	90.4	90.6	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	75.4	89.7	91.1	91.3	91.5	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	76.2	91.5	92.9	93.2	93.4	93.4	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	77.1	93.9	95.3	95.6	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	77.7	94.8	96.3	96.8	97.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	78.0	95.3	96.8	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	78.4	96.0	97.5	98.2	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	78.4	96.0	97.5	98.2	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	78.4	96.0	97.6	98.5	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	78.4	96.0	97.6	98.5	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	78.4	96.0	97.7	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	78.4	96.0	97.8	98.7	98.9	98.9	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	78.4	96.0	97.8	98.7	98.9	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	78.4	96.0	97.8	98.7	99.0	99.0	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	78.4	96.0	97.8	98.7	99.0	99.0	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.2	46.8	47.5	47.9	48.1	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	43.0	51.8	52.6	53.1	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7
≥ 18000	43.1	52.0	52.8	53.3	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000	43.2	52.1	52.9	53.4	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
≥ 14000	43.7	52.7	53.5	54.0	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6
≥ 12000	44.7	54.0	54.8	55.3	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	46.8	56.7	57.7	58.2	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 9000	47.1	57.1	58.1	58.6	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 8000	47.8	58.3	59.3	59.9	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5
≥ 7000	48.5	59.2	60.2	60.8	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4
≥ 6000	49.1	59.9	60.9	61.5	61.8	61.8	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 5000	49.8	61.2	62.2	62.8	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5
≥ 4500	51.2	63.6	64.8	65.4	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 4000	51.9	65.1	66.3	67.0	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
≥ 3500	53.2	67.2	68.5	69.3	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 3000	54.3	69.8	71.3	72.1	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 2500	55.7	73.3	75.1	76.0	76.6	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 2000	56.6	76.5	78.4	79.4	80.1	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
≥ 1800	57.1	77.7	79.7	80.8	81.5	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 1500	58.1	80.4	82.6	83.9	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 1200	59.4	83.9	86.5	87.9	88.8	89.0	89.2	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.7
≥ 1000	60.1	85.8	88.5	90.1	91.0	91.3	91.5	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.1	92.1
≥ 900	60.4	86.6	89.6	91.3	92.3	92.5	92.8	93.0	93.1	93.2	93.2	93.2	93.3	93.3	93.4	93.4
≥ 800	60.8	87.6	90.8	92.7	93.8	94.0	94.4	94.5	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9
≥ 700	60.9	88.1	91.5	93.5	94.6	94.9	95.3	95.5	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 600	61.0	88.5	92.0	94.0	95.3	95.6	96.0	96.2	96.3	96.5	96.5	96.5	96.6	96.6	96.7	96.7
≥ 500	61.0	88.9	92.4	94.7	96.0	96.5	96.9	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.7
≥ 400	61.1	89.0	92.8	95.2	96.6	97.0	97.6	97.9	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5
≥ 300	61.1	89.1	92.9	95.3	96.7	97.3	97.9	98.3	98.5	98.7	98.9	98.9	99.0	99.0	99.1	99.1
≥ 200	61.1	89.1	92.9	95.3	96.8	97.3	98.1	98.6	98.7	99.0	99.3	99.3	99.4	99.4	99.5	99.5
≥ 100	61.1	89.1	92.9	95.3	96.8	97.3	98.1	98.6	98.8	99.1	99.4	99.4	99.6	99.7	99.8	99.8
≥ 0	61.1	89.1	92.9	95.3	96.8	97.3	98.1	98.6	98.8	99.1	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.9	63.9	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	58.3	66.8	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	58.6	67.0	67.8	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	58.6	67.0	67.8	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
≥ 14000	59.0	67.4	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	59.7	68.2	69.0	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
≥ 10000	60.8	70.2	71.0	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
≥ 9000	60.8	70.2	71.0	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
≥ 8000	61.6	71.0	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 7000	62.1	71.6	72.4	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
≥ 6000	62.3	71.8	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
≥ 5000	63.1	72.4	73.3	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
≥ 4500	63.7	73.1	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	63.8	73.4	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	64.8	74.6	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	65.1	75.1	76.0	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2500	66.0	76.7	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	69.4	80.9	81.8	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	70.7	82.7	83.6	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	73.9	87.6	88.7	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	76.7	92.6	93.7	94.1	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	78.7	95.2	96.4	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	78.9	95.9	97.1	97.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	79.2	96.8	98.0	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	79.2	97.1	98.4	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	79.2	97.1	98.4	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	79.2	97.1	98.4	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	79.4	97.3	98.7	99.3	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	79.4	97.3	98.8	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	79.4	97.3	98.8	99.4	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.4	97.3	98.8	99.4	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.4	97.3	98.8	99.4	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (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	37.1	45.4	47.3	47.7	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	39.3	48.6	50.4	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	39.3	48.6	50.4	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	39.3	48.6	50.4	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	39.6	48.8	50.7	51.2	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 12000	40.3	49.9	51.8	52.3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	41.1	51.7	53.7	54.2	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	41.1	51.7	53.8	54.3	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	41.4	52.3	54.4	55.0	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 7000	42.3	53.3	55.4	56.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 6000	42.8	53.9	56.0	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	43.0	54.4	56.6	57.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 4500	43.8	55.3	57.4	58.0	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 4000	44.0	56.0	58.1	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 3500	44.3	56.3	58.4	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
≥ 3000	44.8	57.8	60.0	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 2500	47.4	61.9	64.1	64.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 2000	50.2	65.8	68.1	68.7	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	52.2	68.9	71.2	71.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1500	54.9	73.2	75.8	76.3	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1200	59.4	81.3	83.9	84.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000	61.9	85.4	88.2	89.3	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 900	62.9	87.6	90.3	91.6	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 800	63.9	90.3	93.1	94.3	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 700	64.0	90.7	93.7	94.9	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 600	64.8	92.1	95.3	96.8	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 500	65.1	92.9	96.2	97.7	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	65.1	93.0	96.3	97.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	65.1	93.0	96.4	97.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	65.1	93.0	96.6	98.0	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	65.1	93.0	96.6	98.0	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	65.1	93.0	96.6	98.0	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69-70,73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.1	36.2	38.6	40.3	41.9	42.2	42.7	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.4
≥ 20000	25.3	40.9	43.7	45.8	47.4	47.8	48.3	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.1
≥ 18000	25.3	40.9	43.7	45.8	47.4	47.8	48.3	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.1
≥ 16000	25.4	41.0	43.8	45.9	47.6	47.9	48.4	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.2
≥ 14000	25.6	41.3	44.1	46.2	47.9	48.2	48.8	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.6
≥ 12000	26.0	42.2	45.2	47.3	49.2	49.6	50.1	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.9
≥ 10000	27.1	44.3	47.4	49.7	51.6	51.9	52.4	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2
≥ 9000	27.1	44.6	47.8	50.0	52.0	52.3	52.9	53.3	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.7
≥ 8000	28.1	45.9	49.1	51.4	53.4	53.9	54.4	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2
≥ 7000	28.3	46.9	50.1	52.4	54.4	54.9	55.4	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.2
≥ 6000	28.7	47.3	50.6	52.9	55.0	55.4	56.0	56.4	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8
≥ 5000	28.9	47.7	50.9	53.2	55.3	55.8	56.3	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.1
≥ 4500	29.4	49.0	52.3	54.7	56.8	57.2	57.9	58.3	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.7
≥ 4000	29.7	49.3	52.7	55.0	57.1	57.6	58.2	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	59.0
≥ 3500	30.1	49.9	53.2	55.6	57.7	58.1	58.8	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.6
≥ 3000	30.4	51.0	54.6	56.9	59.0	59.4	60.1	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.9
≥ 2500	32.3	55.7	59.2	61.7	63.8	64.2	64.9	65.3	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.7
≥ 2000	35.0	61.0	64.8	67.4	69.6	70.0	70.7	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.4
≥ 1800	36.2	63.1	66.9	69.6	71.8	72.2	72.9	73.3	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.7
≥ 1500	37.7	66.4	70.4	73.2	75.4	75.9	76.6	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.3
≥ 1200	39.6	72.4	77.0	80.0	82.2	82.8	83.6	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.3
≥ 1000	40.0	75.6	81.2	84.7	87.1	87.9	88.7	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.4
≥ 900	40.2	76.4	82.3	85.8	88.2	89.0	89.8	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.6
≥ 800	40.8	78.1	84.4	87.9	90.6	91.3	92.1	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	93.1
≥ 700	41.0	79.1	85.4	88.9	91.7	92.4	93.2	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.3
≥ 600	41.3	79.9	86.3	89.8	92.6	93.4	94.2	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.3
≥ 500	41.3	80.8	87.6	91.1	94.0	94.9	95.8	96.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.9
≥ 400	41.3	81.1	87.9	91.4	94.4	95.3	96.2	96.8	97.1	97.8	97.8	97.9	97.9	97.9	97.9	98.1
≥ 300	41.3	81.1	87.9	91.4	94.6	95.6	96.4	97.2	97.7	98.3	98.4	98.7	98.7	98.8	98.8	99.0
≥ 200	41.3	81.2	88.0	91.6	94.7	95.7	96.6	97.4	97.9	98.6	98.9	99.1	99.1	99.2	99.2	99.4
≥ 100	41.3	81.2	88.0	91.6	94.7	95.7	96.6	97.6	98.0	98.8	99.1	99.3	99.3	99.4	99.4	99.8
≥ 0	41.3	81.2	88.0	91.6	94.7	95.7	96.6	97.6	98.0	98.8	99.1	99.3	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.8	54.7	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	45.7	62.0	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	45.7	62.2	62.9	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
≥ 16000	45.9	62.4	63.1	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
≥ 14000	46.3	63.0	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	47.2	64.6	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	47.6	66.0	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	47.7	66.2	67.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	48.7	67.6	68.3	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	49.4	68.6	69.3	69.7	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	49.7	68.9	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
≥ 5000	49.9	69.2	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500	50.7	71.0	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
≥ 4000	51.3	72.0	72.9	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
≥ 3500	52.2	73.2	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3000	55.0	77.7	78.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	57.7	83.8	84.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	60.3	88.2	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	61.8	90.4	91.4	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	62.4	92.6	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	63.1	95.1	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	63.2	96.1	97.2	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	63.4	96.3	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	63.6	96.6	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	63.6	96.8	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	63.6	97.2	98.6	99.0	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	63.6	97.2	98.7	99.1	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	63.6	97.2	98.7	99.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	63.6	97.2	98.7	99.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	63.6	97.2	98.7	99.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	63.6	97.2	98.7	99.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	63.6	97.2	98.7	99.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?904	BERGSTROM AFB TX	69-70,73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	60.0	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	60.2	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	60.3	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	61.1	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	76.1	76.1
≥ 12000	62.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	63.8	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
≥ 9000	64.1	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	64.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	64.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	64.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 5000	65.7	83.2	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
≥ 4500	67.8	85.6	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
≥ 4000	69.8	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	71.4	91.3	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	72.4	92.9	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	74.0	95.0	95.6	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	74.6	96.1	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	74.6	96.2	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	74.9	97.2	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	74.9	97.6	98.4	98.6	98.7	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	74.9	97.7	98.6	98.7	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	74.9	97.7	98.6	98.7	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	75.0	98.0	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	75.0	98.0	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	75.0	98.0	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	75.0	98.0	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 400	75.0	98.0	98.9	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	75.0	98.0	98.9	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	75.0	98.0	98.9	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	75.0	98.0	98.9	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	75.3	98.0	98.9	99.0	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.3	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
≥ 20000	69.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	69.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 16000	69.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	70.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 12000	71.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	73.9	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
≥ 9000	74.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	75.1	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	75.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	75.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	76.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	78.9	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	80.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	80.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	81.1	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	81.1	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	81.4	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	81.6	98.4	99.1	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
≥ 1500	81.6	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	81.6	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1000	81.6	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	81.6	98.6	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.6
≥ 800	81.7	98.7	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	81.7	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 20000	76.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 18000	76.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 16000	76.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 14000	76.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 12000	78.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 10000	80.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000	80.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 8000	81.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	82.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	82.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000	82.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	82.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	83.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	83.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	83.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	84.0	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	84.0	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	84.0	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	84.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	84.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	84.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	84.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	84.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69-70,73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 20000	76.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 18000	76.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 16000	76.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 14000	77.1	87.3	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	77.9	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	79.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 9000	79.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000	80.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	80.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 6000	80.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 5000	80.6	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	81.2	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	81.2	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	81.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	82.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	82.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	84.0	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	84.2	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	84.7	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1200	84.9	98.1	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 1000	85.0	98.6	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 900	85.0	98.6	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 800	85.1	98.7	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 700	85.1	98.8	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 600	85.1	98.9	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	85.1	98.9	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	85.1	99.0	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	85.1	99.0	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	85.1	99.0	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	85.1	99.0	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	85.1	99.0	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.2	62.1	62.8	63.1	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 20000	56.4	68.7	69.5	69.9	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	56.5	68.8	69.6	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6
≥ 16000	56.5	68.9	69.7	70.1	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	57.0	69.4	70.2	70.6	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	57.9	70.7	71.5	71.9	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	59.2	73.0	73.9	74.3	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9
≥ 9000	59.3	73.2	74.1	74.5	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 8000	60.1	74.3	75.3	75.7	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000	60.5	75.0	75.9	76.3	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	60.7	75.2	76.1	76.6	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	61.3	76.0	76.9	77.4	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	62.3	77.3	78.3	78.7	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 4000	62.9	78.3	79.2	79.7	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	63.6	79.3	80.3	80.7	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	64.3	80.6	81.7	82.2	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	65.7	83.1	84.2	84.7	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	67.4	85.7	86.9	87.5	87.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	68.2	86.9	88.1	88.7	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 1500	69.3	89.1	90.4	91.0	91.4	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	70.5	91.9	93.3	93.9	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1000	71.2	93.3	94.9	95.6	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 900	71.4	93.8	95.4	96.2	96.7	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	71.7	94.6	96.3	97.1	97.6	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 700	71.8	94.9	96.6	97.4	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	71.9	95.2	97.0	97.8	98.4	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 500	71.9	95.4	97.3	98.1	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 400	72.0	95.5	97.4	98.2	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	72.0	95.5	97.4	98.3	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	72.0	95.6	97.5	98.3	99.0	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	72.0	95.6	97.5	98.3	99.0	99.2	99.4	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 0	72.0	95.6	97.5	98.3	99.0	99.2	99.4	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.0	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000	77.2	84.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	77.2	84.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	77.5	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 14000	78.4	85.8	86.2	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
≥ 12000	80.0	88.0	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 10000	82.6	91.2	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	83.0	91.6	92.3	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
≥ 8000	83.8	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	83.9	92.9	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 6000	84.0	93.0	93.7	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	84.1	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	84.3	93.3	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	84.5	93.5	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
≥ 3500	84.5	93.7	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	84.5	94.0	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	84.5	94.1	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	84.7	94.7	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
≥ 1800	84.8	94.9	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
≥ 1500	86.1	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	86.5	97.4	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	86.8	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	86.9	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	86.9	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	86.9	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	86.9	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	86.9	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	86.9	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	86.9	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	86.9	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	86.9	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	86.9	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

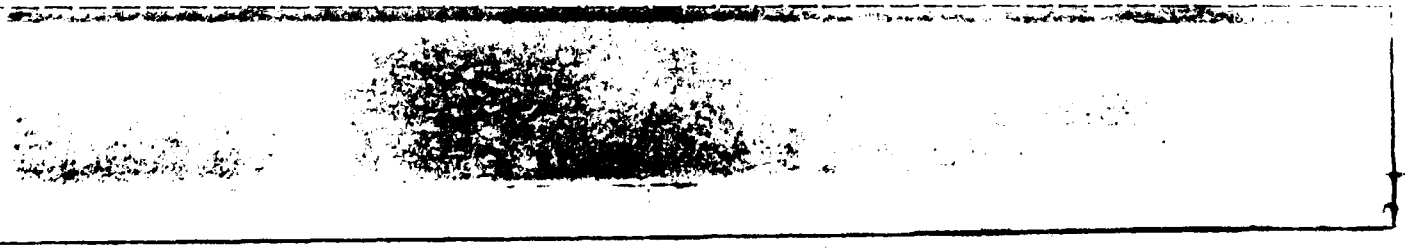
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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	57.8	65.8	66.2	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	59.9	68.5	68.9	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	59.9	68.5	68.9	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	60.2	68.8	69.2	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	60.9	69.7	70.1	70.5	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	61.7	71.1	71.6	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	65.6	75.7	76.2	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	66.1	76.3	76.9	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	66.5	77.0	77.7	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	66.7	77.5	78.3	78.7	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	66.9	77.7	78.5	78.9	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	67.2	78.1	78.8	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	67.2	78.1	78.8	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	67.4	78.4	79.1	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	67.5	78.7	79.5	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000	67.5	79.0	79.8	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	67.7	79.2	80.1	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	68.7	80.9	81.7	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1800	69.2	81.8	82.7	83.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	70.8	84.1	84.9	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	74.3	88.8	89.8	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000	75.8	91.7	93.1	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	76.2	92.6	94.0	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	76.7	93.4	94.8	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	76.9	93.9	95.3	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	76.9	94.3	95.8	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	77.2	95.5	97.1	98.0	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	77.2	95.6	97.2	98.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	77.2	95.7	97.4	98.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	77.2	95.7	97.5	98.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	77.2	95.7	97.5	98.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	77.2	95.7	97.5	98.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.9	53.3	55.7	56.7	57.1	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	36.3	56.5	59.6	60.5	61.2	61.5	62.0	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	36.3	56.5	59.6	60.5	61.2	61.5	62.0	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	36.7	56.8	59.9	60.9	61.5	61.8	62.4	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	37.4	57.7	60.9	61.8	62.6	62.9	63.4	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	38.6	60.4	63.5	64.5	65.5	65.8	66.3	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	42.0	65.5	69.4	70.3	71.4	71.7	72.3	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	42.3	65.9	69.8	70.8	71.8	72.2	72.7	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.7	73.7
≥ 8000	42.7	66.9	70.8	71.8	72.9	73.2	73.8	74.0	74.4	74.6	74.6	74.6	74.7	74.7	74.8	74.8
≥ 7000	42.9	67.3	71.2	72.3	73.3	73.7	74.2	74.4	74.8	75.1	75.1	75.1	75.2	75.2	75.3	75.3
≥ 6000	43.4	67.8	71.7	72.8	73.9	74.2	74.7	74.9	75.4	75.6	75.6	75.6	75.7	75.7	75.8	75.8
≥ 5000	43.4	68.0	71.9	73.0	74.1	74.4	74.9	75.2	75.6	75.8	75.8	75.8	75.9	75.9	76.0	76.0
≥ 4500	43.5	68.2	72.2	73.2	74.3	74.6	75.1	75.4	75.8	76.0	76.0	76.0	76.1	76.1	76.2	76.2
≥ 4000	43.5	68.5	72.5	73.5	74.6	74.9	75.5	75.7	76.1	76.3	76.3	76.3	76.5	76.5	76.6	76.6
≥ 3500	43.5	68.7	72.8	73.9	74.9	75.3	75.8	76.0	76.5	76.7	76.7	76.7	76.8	76.8	76.9	76.9
≥ 3000	43.7	69.0	73.1	74.3	75.4	75.7	76.2	76.5	76.9	77.1	77.1	77.1	77.2	77.2	77.3	77.3
≥ 2500	44.6	70.6	74.8	76.0	77.1	77.4	78.0	78.2	78.6	78.8	78.8	78.8	78.9	78.9	79.0	79.0
≥ 2000	45.5	72.4	76.6	77.8	79.0	79.4	79.9	80.2	80.6	80.9	80.9	80.9	81.0	81.0	81.1	81.1
≥ 1800	45.7	73.2	77.4	78.7	79.9	80.2	80.8	81.1	81.5	81.7	81.7	81.7	81.8	81.8	81.9	81.9
≥ 1500	47.5	76.1	80.3	81.7	82.9	83.2	83.8	84.1	84.5	84.7	84.7	84.7	84.8	84.8	84.9	84.9
≥ 1200	48.8	80.2	84.7	86.5	87.6	88.0	88.5	88.9	89.4	89.6	89.6	89.6	89.7	89.7	89.8	89.8
≥ 1000	49.7	83.5	88.3	90.3	91.6	91.9	92.7	93.1	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.0
≥ 900	49.9	84.1	88.8	90.9	92.2	92.5	93.2	93.7	94.1	94.3	94.3	94.3	94.4	94.4	94.5	94.5
≥ 800	50.3	85.4	90.1	92.2	93.4	93.8	94.5	94.9	95.4	95.6	95.6	95.6	95.7	95.7	95.8	95.8
≥ 700	50.3	86.1	91.1	93.2	94.6	94.9	95.8	96.2	96.7	96.9	96.9	97.0	97.1	97.1	97.2	97.2
≥ 600	50.5	86.7	91.7	93.9	95.4	95.7	96.6	97.0	97.4	97.6	97.6	97.7	97.8	97.8	98.0	98.0
≥ 500	50.5	87.0	92.0	94.2	95.9	96.3	97.4	97.8	98.4	98.6	98.6	98.7	98.8	98.8	98.9	98.9
≥ 400	50.5	87.3	92.4	94.5	96.5	96.9	98.0	98.4	98.9	99.1	99.1	99.2	99.4	99.4	99.5	99.5
≥ 300	50.5	87.3	92.4	94.5	96.5	96.9	98.2	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8
≥ 200	50.5	87.3	92.4	94.5	96.5	96.9	98.2	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.9	99.9
≥ 100	50.5	87.3	92.4	94.5	96.5	96.9	98.2	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.9	100.0
≥ 0	50.5	87.3	92.4	94.5	96.5	96.9	98.2	98.6	99.1	99.4	99.5	99.6	99.7	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

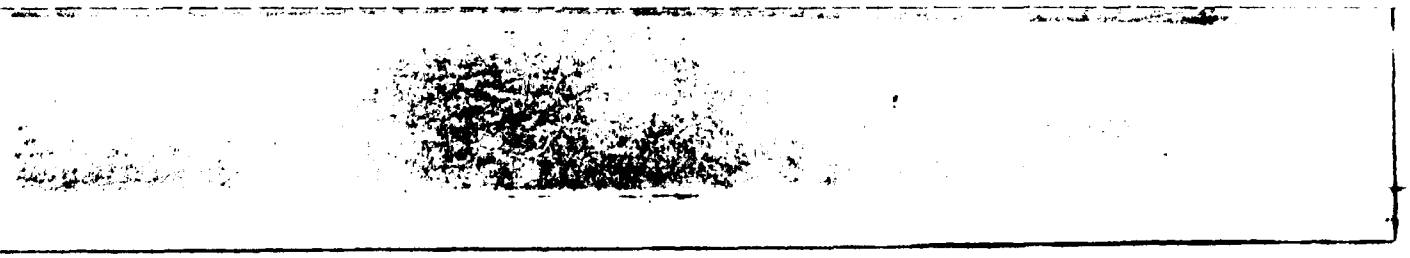
13904	BERGSTROM AFB TX	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.4	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	58.1	71.2	71.4	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
≥ 18000	58.1	71.2	71.4	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
≥ 16000	58.5	71.7	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
≥ 14000	59.6	73.1	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	61.9	76.3	76.8	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
≥ 10000	64.9	80.9	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	65.3	81.8	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	65.4	82.3	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	65.5	82.4	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	65.6	82.7	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	65.7	82.8	83.3	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
≥ 4500	66.1	83.2	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	66.2	83.5	84.1	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
≥ 3500	66.6	84.1	84.6	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
≥ 3000	67.8	85.7	86.2	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
≥ 2500	68.6	88.2	88.7	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	70.4	90.9	91.7	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	70.6	91.7	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	71.2	94.0	94.8	95.6	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	71.5	95.4	96.2	97.0	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	71.5	96.3	97.3	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	71.5	96.5	97.4	98.2	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	71.5	96.6	97.5	98.3	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	71.5	96.6	97.5	98.3	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	71.5	97.0	98.0	98.7	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	71.5	97.0	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	71.5	97.0	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	71.5	97.0	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.5	97.0	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.5	97.0	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.5	97.0	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17904	BERGSTROM AFB TX	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.8	72.5	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	69.5	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
≥ 18000	69.5	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
≥ 16000	69.8	80.5	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
≥ 14000	70.6	81.8	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
≥ 12000	72.7	85.2	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	74.8	88.7	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 9000	74.8	88.7	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	89.8
≥ 8000	75.3	89.5	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	75.4	89.8	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	75.9	90.5	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	76.6	91.2	92.0	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
≥ 4500	77.7	92.7	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	78.6	93.8	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	79.2	94.5	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	79.9	95.8	96.8	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	80.1	96.2	97.2	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	80.3	97.0	98.3	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	80.3	97.0	98.3	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	80.5	97.2	98.5	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.8	97.4	98.7	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 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

13904	BERGSTROM AFB TX	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.8	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	72.3	80.9	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
≥ 18000	72.3	80.9	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	72.4	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	74.3	83.3	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
≥ 12000	77.2	87.2	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
≥ 10000	79.4	90.1	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	79.4	90.3	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	91.2
≥ 8000	80.5	91.9	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	81.0	92.5	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	81.3	92.8	93.8	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	83.0	94.6	95.6	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
≥ 4500	83.7	95.3	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	84.1	95.8	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	97.3
≥ 3500	84.4	96.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	84.5	97.2	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 2500	84.5	97.3	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 2000	84.5	97.4	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1800	84.6	97.6	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1500	84.6	97.6	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1200	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1000	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 900	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 800	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	84.6	97.6	98.6	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	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

1[illegible]04	BERGSTROM AFB TX	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.3	72.1	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
≥ 20000	74.3	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 18000	74.4	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	74.6	84.1	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
≥ 14000	76.2	86.0	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
≥ 12000	78.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 10000	81.1	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 9000	81.3	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	81.9	95.0	95.7	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
≥ 7000	81.9	95.0	95.7	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
≥ 6000	82.1	95.4	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 5000	82.3	95.6	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500	82.6	96.3	97.3	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
≥ 4000	83.2	97.1	97.7	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
≥ 3500	83.3	97.4	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	83.4	97.8	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	83.4	97.8	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	83.4	97.8	98.7	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	83.4	97.8	98.7	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	83.4	97.8	98.7	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	83.6	98.1	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.6	98.1	98.9	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.6	98.1	98.9	99.5	99.7	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 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

1[illegible]4	BERGSTROM AFB TX	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.[illegible]	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 20000	82.4	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 18000	82.6	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 16000	82.8	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 14000	83.8	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 12000	85.2	92.2	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
≥ 10000	87.1	95.0	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
≥ 9000	87.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 8000	88.3	96.4	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	97.1
≥ 7000	88.3	96.4	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	97.1
≥ 6000	88.5	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	88.5	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4500	89.1	97.5	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	89.2	97.6	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	89.2	97.7	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	89.3	97.8	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	89.4	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	89.4	98.3	99.0	99.1	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	89.4	98.3	99.0	99.1	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	89.5	98.6	99.4	99.5	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	89.6	98.7	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.8	98.8	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

13904	BERGSTROM AFB TX	69-70,73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.5	70.3	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	66.2	76.8	77.6	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	66.3	76.8	77.6	77.8	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	66.6	77.1	77.9	78.1	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	67.6	78.5	79.3	79.5	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000	69.5	81.3	82.2	82.5	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	72.2	85.1	86.1	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	72.5	85.6	86.6	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 8000	73.0	86.5	87.5	87.9	88.1	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	73.2	86.7	87.8	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 6000	73.4	87.1	88.2	88.5	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	73.8	87.5	88.6	89.0	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	74.3	88.1	89.2	89.6	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	74.6	88.5	89.7	90.1	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	74.8	88.9	90.1	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 3000	75.1	89.5	90.7	91.2	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	75.4	90.2	91.4	91.9	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	75.9	91.2	92.5	93.0	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	76.0	91.6	92.9	93.4	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	76.7	92.8	94.1	94.7	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 1200	77.4	94.2	95.6	96.2	96.7	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 1000	77.8	95.2	96.7	97.4	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 900	77.9	95.4	96.9	97.6	98.0	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	78.0	95.7	97.1	97.8	98.3	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	78.0	95.8	97.3	98.0	98.6	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 600	78.1	96.0	97.6	98.3	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	78.1	96.2	97.8	98.5	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	78.1	96.3	97.9	98.6	99.2	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	78.1	96.3	97.9	98.7	99.3	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	78.1	96.3	97.9	98.7	99.3	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	78.1	96.3	97.9	98.7	99.3	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	78.1	96.3	97.9	98.7	99.3	99.4	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.8	77.3	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 20000	71.0	81.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000	71.0	81.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	71.0	81.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	71.4	82.3	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 12000	73.1	84.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000	75.9	87.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	75.9	87.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	76.0	87.3	88.5	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
≥ 7000	76.3	88.0	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	89.5
≥ 6000	76.5	88.3	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	89.8
≥ 5000	77.2	89.3	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	77.5	89.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	77.8	90.3	91.5	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
≥ 3500	78.0	90.5	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	92.0
≥ 3000	78.2	91.1	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	78.7	91.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	78.9	92.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	79.6	93.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	81.1	94.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	82.6	96.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	82.9	96.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	83.1	97.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	83.1	97.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	83.3	97.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	83.3	98.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	83.4	98.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	83.4	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.4	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.4	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.4	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.4	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13964	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.9	64.1	65.5	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	53.4	67.4	68.8	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	53.4	67.4	68.8	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	53.4	67.4	68.8	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	54.2	68.3	69.7	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	56.5	70.5	71.9	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	58.9	73.9	75.3	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	58.9	74.1	75.5	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	59.2	74.8	76.2	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	59.4	75.1	76.6	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 6000	59.6	75.3	76.8	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	60.1	75.8	77.3	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	60.2	76.1	77.8	79.1	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	60.8	76.7	78.4	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	61.2	77.2	78.9	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
≥ 3000	61.9	77.8	79.6	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	61.7	78.3	80.0	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	62.9	79.8	81.6	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	63.9	81.1	82.9	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	66.3	83.9	85.9	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	68.9	87.8	90.1	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	70.0	89.8	92.2	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	70.1	91.2	93.5	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	71.1	92.5	94.8	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	71.6	93.3	95.7	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	71.6	94.0	96.6	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	71.8	94.7	97.3	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	71.8	94.9	97.5	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	71.8	94.9	97.5	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	71.8	94.9	97.5	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	71.8	94.9	97.5	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	71.8	94.9	97.5	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]4	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.1	44.8	50.9	53.2	54.7	55.6	56.2	56.7	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.0
≥ 20000	29.8	48.3	55.3	57.6	59.1	60.0	60.6	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 18000	29.8	48.3	55.3	57.6	59.1	60.0	60.6	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 16000	29.8	48.3	55.3	57.6	59.1	60.0	60.6	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 14000	30.0	48.5	55.6	58.0	59.5	60.3	61.0	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.7
≥ 12000	31.4	50.4	57.5	59.9	61.5	62.4	63.0	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.8	63.8
≥ 10000	33.8	55.1	62.9	65.4	67.2	68.1	68.8	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.8	69.8
≥ 9000	34.0	55.5	63.3	66.1	68.0	68.8	69.6	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.5	70.5
≥ 8000	34.6	56.8	64.7	67.5	69.5	70.3	71.1	71.6	71.7	71.7	71.9	71.9	71.9	71.9	72.0	72.0
≥ 7000	34.9	57.1	65.1	67.8	69.8	70.8	71.6	72.2	72.3	72.3	72.5	72.5	72.5	72.5	72.6	72.6
≥ 6000	35.1	57.2	65.2	68.0	69.9	70.9	71.7	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.7	72.7
≥ 5000	35.3	57.4	65.4	68.2	70.1	71.1	71.9	72.5	72.6	72.6	72.8	72.8	72.8	72.8	72.9	72.9
≥ 4500	35.3	57.7	65.8	68.6	70.5	71.5	72.4	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.3	73.3
≥ 4000	35.3	57.7	65.8	68.6	70.5	71.5	72.4	73.0	73.1	73.1	73.3	73.3	73.3	73.3	73.4	73.4
≥ 3500	35.5	58.2	66.2	69.0	71.0	71.9	72.8	73.4	73.5	73.5	73.8	73.8	73.8	73.8	73.9	73.9
≥ 3000	35.6	58.6	66.7	69.6	71.6	72.6	73.4	74.1	74.2	74.2	74.4	74.4	74.4	74.4	74.5	74.5
≥ 2500	36.7	60.0	68.2	71.1	73.1	74.1	74.9	75.6	75.7	75.7	75.9	75.9	75.9	75.9	76.0	76.0
≥ 2000	37.4	61.5	69.8	72.8	74.9	76.0	76.9	77.5	77.6	77.6	77.8	77.8	77.8	77.8	78.0	78.0
≥ 1800	37.7	62.8	71.1	74.1	76.2	77.3	78.2	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.2	79.2
≥ 1500	38.8	65.6	74.0	77.1	79.2	80.3	81.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.6	82.6
≥ 1200	39.4	69.4	78.0	81.1	83.4	84.5	85.6	86.5	86.7	86.7	86.9	86.9	86.9	86.9	87.0	87.0
≥ 1000	40.2	71.5	80.1	83.3	85.8	86.9	88.1	89.0	89.2	89.2	89.5	89.5	89.5	89.5	89.6	89.6
≥ 900	40.4	73.0	81.8	85.1	87.5	88.6	89.8	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.3	91.3
≥ 800	40.9	74.0	82.8	86.1	88.6	89.7	90.9	91.8	92.2	92.3	92.5	92.5	92.5	92.5	92.6	92.6
≥ 700	41.3	74.7	83.9	87.3	89.8	90.9	92.0	93.1	93.4	93.5	93.8	93.8	93.8	93.8	93.9	93.9
≥ 600	41.3	75.1	84.3	87.8	90.5	91.6	92.8	94.1	94.4	94.5	94.7	94.7	94.7	94.7	94.8	94.8
≥ 500	41.3	75.8	85.1	88.8	92.2	93.7	94.8	96.1	96.5	96.7	96.9	96.9	96.9	96.9	97.0	97.0
≥ 400	41.3	75.9	85.5	89.7	93.2	94.7	96.0	97.3	97.7	98.0	98.2	98.2	98.2	98.2	98.3	98.3
≥ 300	41.3	75.9	85.5	89.8	93.4	94.9	96.5	97.7	98.2	98.5	98.7	98.7	98.7	98.7	98.9	98.9
≥ 200	41.3	76.0	85.6	89.9	93.5	95.1	96.7	98.0	98.4	98.7	99.0	99.0	99.4	99.4	99.8	99.8
≥ 100	41.3	76.0	85.6	89.9	93.5	95.1	96.7	98.0	98.4	98.7	99.0	99.0	99.4	99.4	100.0	100.0
≥ 0	41.3	76.0	85.6	89.9	93.5	95.1	96.7	98.0	98.4	98.7	99.0	99.0	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 80 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.7	62.0	63.2	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	47.3	69.6	71.0	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	47.4	69.7	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 16000	47.4	69.7	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	47.7	70.2	71.7	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 12000	49.8	73.4	74.9	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	52.2	77.2	79.0	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	52.4	77.4	79.2	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	52.8	77.8	79.7	80.3	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	52.8	77.8	79.7	80.3	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	52.9	78.1	79.9	80.5	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	52.9	78.3	80.1	80.8	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	53.1	78.7	80.5	81.2	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	53.2	78.8	80.8	81.5	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	53.9	79.5	81.4	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	54.6	80.8	82.7	83.5	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	55.6	82.6	84.5	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	57.2	85.8	88.1	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
≥ 1800	57.4	86.5	88.8	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	58.2	89.5	91.8	92.9	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	58.4	91.5	94.2	95.4	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	58.5	92.5	95.4	96.6	97.4	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	58.5	92.7	95.7	96.9	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	58.6	92.8	95.8	97.0	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	58.6	92.8	95.8	97.0	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 600	58.6	92.9	95.9	97.2	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 500	58.6	93.1	96.2	97.6	98.6	99.1	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 400	58.6	93.1	96.2	97.6	98.6	99.1	99.5	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300	58.6	93.1	96.2	97.6	98.6	99.1	99.5	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	58.6	93.1	96.2	97.6	98.6	99.1	99.5	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	58.6	93.1	96.2	97.6	98.6	99.1	99.5	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	58.6	93.1	96.2	97.6	98.6	99.1	99.5	99.5	99.6	99.7	99.8	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

STATION	STATION NAME	YEARS	MONTH
13904	BERGSTROM AFB TX	69,72-80	AUG

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

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	53.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	63.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	64.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000	64.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	64.4	82.2	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
≥ 12000	66.1	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 10000	68.5	88.7	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	68.7	89.4	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
≥ 8000	68.7	89.7	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	68.9	89.9	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000	69.1	90.2	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	70.1	91.3	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	71.3	92.7	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	72.0	93.7	94.1	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	72.5	94.2	94.6	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	72.9	95.1	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	73.3	95.7	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	73.5	96.3	96.8	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
≥ 1800	73.5	96.5	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	73.5	96.6	97.0	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	73.5	97.4	97.8	98.5	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	73.5	97.5	98.0	98.6	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	73.5	97.6	98.1	98.7	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	73.5	97.6	98.1	98.7	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	73.5	97.6	98.1	98.7	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	73.5	97.6	98.1	98.7	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	73.5	97.6	98.1	98.7	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	73.5	97.7	98.2	98.8	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	73.5	97.7	98.2	98.8	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.5	97.7	98.2	98.8	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.5	97.7	98.2	98.8	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.5	97.7	98.2	98.8	99.5	99.7	99.8	99.8	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

1?9?4	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	66.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	67.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	67.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	67.4	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	81.4
≥ 12000	68.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	71.9	88.2	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
≥ 9000	72.2	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	73.7	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	73.7	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
≥ 6000	74.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	76.3	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	77.2	95.8	96.2	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
≥ 4000	78.1	97.2	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	78.2	97.4	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	78.3	97.8	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	78.3	98.0	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	78.5	98.3	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	78.5	98.3	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	78.5	98.3	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	78.5	98.3	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	78.5	98.3	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	78.5	98.3	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 500	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 400	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 300	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	78.5	98.5	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | AUG (MONTH)

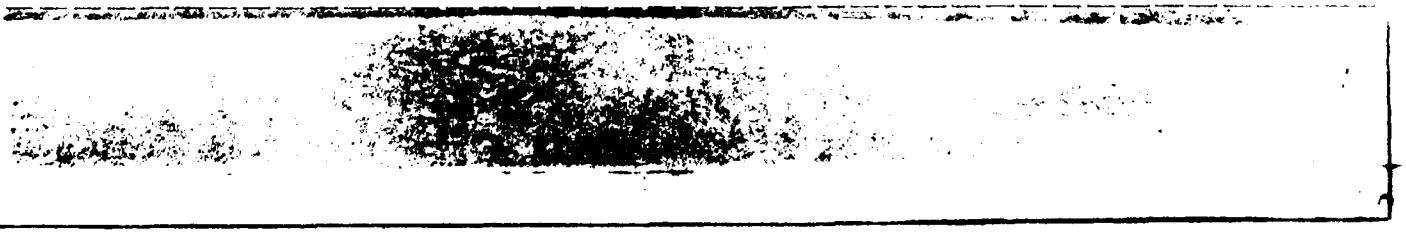
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	71.8	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	71.9	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
≥ 16000	71.9	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
≥ 14000	72.1	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
≥ 12000	73.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	76.9	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	77.2	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	78.1	92.9	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
≥ 7000	78.7	93.8	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
≥ 6000	79.6	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000	80.5	96.3	97.1	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	81.1	97.2	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	81.4	98.1	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	81.4	98.2	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	81.5	98.4	99.1	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
≥ 2500	81.5	98.5	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	81.5	98.5	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	81.5	98.5	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	81.5	98.5	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	81.5	98.5	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	81.5	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	81.5	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	81.5	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	81.5	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	81.5	98.6	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	81.5	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	81.5	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	81.5	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.5	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.5	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.5	98.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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

1?>?4	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.1	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 20000	81.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 18000	81.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 16000	81.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 14000	81.5	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 12000	82.8	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 10000	85.4	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 9000	85.6	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 8000	86.1	94.3	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
≥ 7000	86.7	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	87.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	87.7	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4500	88.1	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	88.5	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	97.7	97.7
≥ 3500	88.6	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	88.8	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	88.8	98.1	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
≥ 2000	88.9	98.2	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	99.2
≥ 1800	88.9	98.2	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	99.2
≥ 1500	88.9	98.2	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	99.2
≥ 1200	89.1	98.4	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	99.5
≥ 1000	89.1	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 900	89.1	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 800	89.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	89.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 600	89.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	89.1	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	89.1	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	89.1	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	89.1	98.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1(	89.1	98.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	89.1	98.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]4 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | AUG (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	53.3	65.7	67.0	67.6	67.7	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	60.7	74.9	76.3	76.9	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	60.7	75.1	76.5	77.1	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	60.7	75.1	76.5	77.1	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 14000	61.1	75.7	77.2	77.7	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	62.8	77.8	79.3	79.9	80.1	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000	65.4	81.8	83.6	84.2	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	65.6	82.2	84.0	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	66.2	83.1	84.9	85.6	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	66.4	83.5	85.3	85.9	86.2	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	66.8	84.0	85.8	86.4	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	67.5	84.8	86.6	87.3	87.5	87.7	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	67.9	85.6	87.4	88.1	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥ 4000	68.4	86.2	88.1	88.8	89.1	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	68.6	86.6	88.5	89.2	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	68.9	87.2	89.1	89.9	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	69.3	87.8	89.8	90.6	90.9	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	69.9	88.8	90.9	91.7	92.0	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	70.1	89.3	91.4	92.2	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 1500	70.8	90.6	92.8	93.6	94.0	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 1200	71.5	92.2	94.4	95.3	95.8	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	71.8	92.9	95.2	96.1	96.7	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	71.9	93.4	95.8	96.6	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 800	72.1	93.8	96.1	97.0	97.6	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	72.2	94.0	96.4	97.3	97.9	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	72.2	94.2	96.6	97.5	98.1	98.3	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	72.2	94.4	96.9	97.8	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 400	72.2	94.5	97.1	98.0	98.8	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	72.2	94.5	97.0	98.0	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	72.2	94.5	97.0	98.1	98.8	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	72.2	94.5	97.0	98.1	98.8	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	72.2	94.5	97.0	98.1	98.8	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.1	64.1	64.2	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	56.4	67.4	67.9	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
≥ 18000	56.6	67.6	68.0	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	56.6	67.6	68.0	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 14000	57.0	68.1	68.6	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
≥ 12000	59.1	70.9	71.3	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	61.2	73.6	74.0	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
≥ 9000	61.2	73.6	74.0	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
≥ 8000	61.8	74.6	75.1	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	61.8	74.7	75.2	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	62.3	75.4	76.0	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
≥ 5000	63.0	76.2	76.8	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	63.1	76.2	76.9	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	63.4	76.7	77.3	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	63.4	77.4	78.1	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	64.1	78.4	79.1	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	64.7	79.1	79.8	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	66.1	81.2	81.9	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
≥ 1800	66.3	81.9	82.6	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	67.4	83.6	84.3	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	70.0	87.4	88.3	89.2	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	70.9	89.0	90.0	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	71.7	90.1	91.1	92.0	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	71.9	90.9	91.9	92.8	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	72.1	92.0	93.4	94.4	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	72.4	93.6	95.1	96.4	97.0	97.0	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	72.8	94.1	95.6	97.1	97.8	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	72.9	94.4	95.9	97.6	98.2	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	72.9	94.7	96.1	97.8	98.4	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.9	94.7	96.1	97.8	98.4	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.9	94.7	96.1	97.8	98.4	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.9	94.7	96.1	97.8	98.4	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?9?4	BERGSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
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	44.0	54.1	56.4	57.6	57.9	58.0	58.1	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	45.7	56.2	58.7	60.0	60.6	60.7	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	45.7	56.2	58.7	60.0	60.6	60.7	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	45.7	56.2	58.7	60.0	60.6	60.7	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	45.9	56.4	58.9	60.2	60.8	60.9	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	47.2	58.3	60.9	62.2	62.8	62.9	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	48.8	60.9	63.4	64.8	65.3	65.4	65.6	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	48.8	61.0	63.6	64.9	65.4	65.6	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	49.0	61.4	64.0	65.3	65.9	66.0	66.1	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	49.0	61.7	64.2	65.6	66.1	66.2	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	49.2	62.0	64.6	65.9	66.4	66.6	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	50.1	62.9	65.4	66.8	67.3	67.4	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4500	50.3	63.2	65.8	67.2	67.8	67.9	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4000	50.3	63.4	66.2	67.7	68.2	68.4	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	50.6	64.0	66.8	68.2	68.8	69.0	69.1	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3000	51.0	65.1	67.9	69.3	69.9	70.1	70.2	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2500	51.1	66.1	69.0	70.4	71.1	71.3	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	52.0	67.6	70.6	72.0	72.7	73.1	73.2	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1800	52.7	68.6	71.6	73.0	73.7	74.1	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1500	54.0	70.7	73.7	75.3	76.0	76.4	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1200	56.7	75.2	78.6	80.2	81.0	81.4	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1000	57.7	78.1	81.8	83.9	84.7	85.1	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 900	59.4	80.8	84.4	86.7	87.4	87.9	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	60.2	83.1	87.0	89.2	90.1	90.7	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	60.4	84.1	88.6	90.9	92.0	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 600	60.6	85.3	90.1	92.8	93.9	94.4	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	60.6	85.8	91.1	93.9	95.0	95.6	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	60.6	86.3	92.0	95.1	96.4	97.4	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 300	60.6	86.7	92.3	95.4	96.8	97.8	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 200	60.6	86.7	92.3	95.4	96.8	97.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 100	60.6	86.8	92.4	95.6	97.0	98.0	99.0	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	60.6	86.8	92.4	95.6	97.0	98.0	99.0	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]4	BERGSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	23.3	37.7	41.6	44.0	46.8	47.4	48.0	48.6	49.0	49.3	49.4	49.6	49.7	49.8	49.9	50.3
≥ 20000	24.6	39.6	43.9	46.9	50.1	50.9	51.6	52.1	52.6	52.9	53.0	53.1	53.2	53.3	53.4	53.6
≥ 18000	24.6	39.6	43.9	47.0	50.2	51.0	51.7	52.2	52.7	53.0	53.1	53.2	53.3	53.4	53.6	53.7
≥ 16000	24.6	39.6	43.9	47.0	50.2	51.0	51.7	52.2	52.7	53.0	53.1	53.2	53.3	53.4	53.6	53.7
≥ 14000	24.6	39.9	44.2	47.3	50.7	51.4	52.1	52.7	53.1	53.4	53.6	53.7	53.8	53.9	54.0	54.1
≥ 12000	26.3	42.7	47.1	50.3	54.0	54.8	55.4	56.0	56.4	56.8	56.9	57.0	57.1	57.2	57.3	57.4
≥ 10000	27.8	44.9	49.4	53.4	57.1	58.0	58.7	59.2	59.7	60.0	60.1	60.2	60.3	60.4	60.6	60.7
≥ 9000	27.9	45.1	49.9	53.9	57.6	58.4	59.1	59.7	60.1	60.4	60.6	60.7	60.8	60.9	61.0	61.1
≥ 8000	28.2	45.8	50.7	54.9	58.7	59.6	60.2	60.8	61.2	61.6	61.7	61.8	61.9	62.0	62.1	62.2
≥ 7000	28.6	46.2	51.1	55.4	59.2	60.1	60.9	61.4	61.9	62.2	62.3	62.4	62.6	62.7	62.8	62.9
≥ 6000	28.7	46.4	51.3	55.7	59.4	60.3	61.1	61.7	62.1	62.4	62.6	62.7	62.8	62.9	63.0	63.1
≥ 5000	28.8	46.7	51.7	56.0	59.8	60.7	61.4	62.0	62.4	62.8	62.9	63.0	63.1	63.2	63.3	63.4
≥ 4500	29.1	47.2	52.2	56.6	60.3	61.2	62.0	62.6	63.0	63.3	63.4	63.6	63.7	63.8	63.9	64.0
≥ 4000	29.1	47.2	52.2	56.6	60.4	61.3	62.1	62.7	63.1	63.4	63.6	63.7	63.8	63.9	64.0	64.1
≥ 3500	29.6	47.9	53.0	57.3	61.2	62.1	62.9	63.4	63.9	64.2	64.3	64.4	64.6	64.7	64.8	64.9
≥ 3000	29.9	48.4	53.8	58.2	62.1	63.0	63.9	64.4	64.9	65.3	65.6	65.7	65.8	65.9	66.0	66.1
≥ 2500	30.0	49.2	54.6	59.2	63.1	64.0	64.9	65.4	65.9	66.3	66.6	66.7	66.8	67.[illegible]	67.1	67.2
≥ 2000	31.3	51.6	56.9	61.7	65.6	66.4	67.4	68.0	68.4	69.0	69.2	69.3	69.4	69.7	69.8	69.9
≥ 1800	31.8	52.4	57.8	62.6	66.4	67.3	68.4	69.0	69.4	70.0	70.2	70.3	70.4	70.7	70.8	70.9
≥ 1500	33.4	55.2	60.8	65.9	69.9	70.8	71.9	72.4	72.9	73.6	73.8	73.9	74.0	74.2	74.3	74.4
≥ 1200	34.7	58.0	64.3	69.4	73.8	74.7	75.9	76.6	77.0	77.7	77.9	78.0	78.1	78.3	78.4	78.6
≥ 1000	35.7	60.4	67.2	72.9	77.6	78.4	79.9	80.6	81.0	81.7	81.9	82.0	82.1	82.3	82.4	82.6
≥ 900	35.9	61.6	69.0	74.8	79.6	80.4	81.9	82.7	83.1	83.8	84.0	84.1	84.2	84.4	84.6	84.7
≥ 800	36.3	63.1	71.2	77.2	82.3	83.2	84.7	85.6	86.0	86.7	86.9	87.0	87.1	87.4	87.6	87.7
≥ 700	36.7	64.6	73.0	79.0	84.1	85.0	86.6	87.6	88.0	88.7	88.9	89.0	89.1	89.4	89.6	89.7
≥ 600	36.8	65.3	73.9	80.2	85.8	87.0	88.7	89.7	90.1	90.8	91.0	91.1	91.2	91.6	91.7	91.8
≥ 500	36.8	65.7	74.3	80.7	86.4	87.8	90.1	91.1	91.6	92.2	92.4	92.6	92.8	93.1	93.2	93.3
≥ 400	36.8	65.9	74.9	81.9	88.0	89.6	92.0	93.4	93.9	94.7	95.0	95.2	95.4	95.8	95.9	96.[illegible]
≥ 300	36.8	66.0	75.0	82.0	88.1	89.7	92.2	94.0	94.4	95.4	96.0	96.2	96.4	96.8	97.0	97.2
≥ 200	36.8	66.1	75.1	82.1	88.2	89.8	92.3	94.2	94.9	96.1	96.7	96.9	97.3	97.9	98.2	98.6
≥ 100	36.8	66.1	75.1	82.1	88.2	89.8	92.3	94.2	95.0	96.3	97.0	97.2	97.8	98.3	98.8	99.2
≥ 0	36.8	66.1	75.1	82.1	88.2	89.8	92.3	94.2	95.0	96.3	97.0	97.2	97.9	98.4	99.2	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

1594	BERGSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

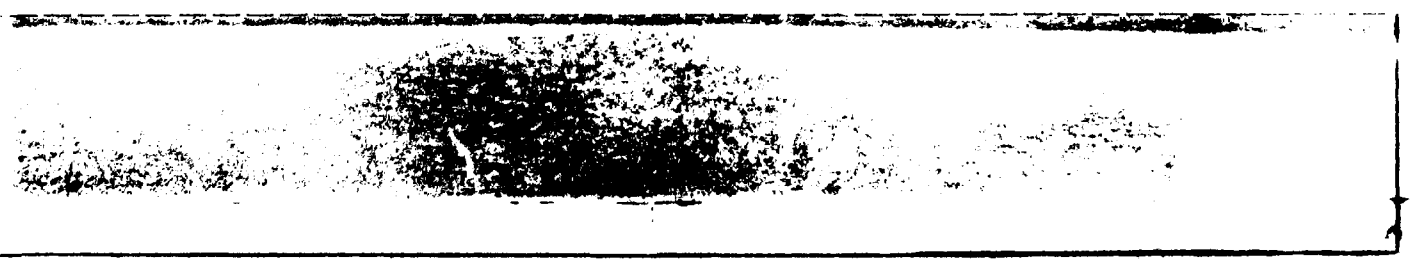
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.1	50.8	53.4	54.3	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	37.8	56.1	59.1	60.0	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 18000	37.8	56.2	59.2	60.1	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	37.8	56.3	59.3	60.2	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	38.1	56.7	59.7	60.6	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	39.0	59.0	62.1	63.0	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	40.2	61.8	65.2	66.1	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	40.4	62.0	65.6	66.4	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	40.8	63.3	67.1	68.1	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	41.0	63.6	67.3	68.3	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	41.0	63.7	67.6	68.6	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	41.2	63.9	67.8	68.8	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	41.7	64.4	68.3	69.7	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	41.7	64.6	68.6	69.9	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	41.8	64.7	68.7	70.0	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3000	42.3	65.7	69.7	71.0	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2500	43.1	67.9	72.0	73.3	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	45.2	72.0	76.4	77.8	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1800	45.8	73.7	78.1	79.4	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500	47.7	77.4	81.9	83.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	48.3	79.7	84.8	86.4	87.4	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	48.7	81.9	87.2	89.2	91.1	91.7	91.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	48.8	83.2	88.6	90.6	92.4	93.0	93.0	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	49.0	84.2	89.8	91.8	93.8	94.3	94.3	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	49.0	84.7	90.2	92.3	94.4	95.0	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	49.0	85.0	91.3	93.9	96.2	96.8	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	49.0	85.4	92.1	94.9	97.6	98.2	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	49.0	85.4	92.2	95.0	97.8	98.4	98.7	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	49.0	85.4	92.2	95.0	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	49.0	85.4	92.2	95.0	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	49.0	85.4	92.2	95.0	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	49.0	85.4	92.2	95.0	97.8	98.4	98.8	99.3	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13974	BERGSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅞	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.8	59.3	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	50.2	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	50.2	69.8	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	50.2	69.8	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	50.9	70.6	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
≥ 12000	52.3	74.1	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	53.2	76.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	53.3	76.8	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
≥ 8000	54.0	78.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	54.2	78.4	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	54.3	78.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	55.0	79.8	81.0	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
≥ 4500	55.8	81.3	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	56.8	82.9	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	58.4	85.6	86.8	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
≥ 3000	59.0	86.7	88.1	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	60.1	89.1	90.6	90.9	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	60.8	90.2	91.9	92.2	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	61.1	90.9	92.7	93.0	93.3	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	61.3	92.1	93.9	94.3	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	61.9	93.2	95.1	95.7	96.0	96.3	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	61.9	93.9	96.0	96.7	97.0	97.3	97.3	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	61.9	94.1	96.3	97.0	97.3	97.7	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	61.9	94.4	97.0	97.7	98.0	98.3	98.3	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	61.9	94.4	97.0	97.8	98.1	98.4	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	61.9	94.6	97.2	98.1	98.4	98.8	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	61.9	94.6	97.3	98.2	98.6	98.9	98.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	61.9	94.6	97.3	98.2	98.6	99.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	61.9	94.6	97.3	98.2	98.6	99.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	61.9	94.6	97.3	98.2	98.6	99.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.9	94.6	97.3	98.2	98.6	99.0	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.9	94.6	97.3	98.2	98.6	99.0	99.0	99.7	99.8	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

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | SEP (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	47.2	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	59.9	59.9
≥ 20000	55.7	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	55.7	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 16000	55.9	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	72.0
≥ 14000	57.3	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
≥ 12000	59.4	77.9	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
≥ 10000	61.8	82.1	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
≥ 9000	61.8	82.2	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
≥ 8000	62.8	84.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	62.8	84.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	62.9	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	63.7	86.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	64.9	88.1	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	65.2	89.2	90.1	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
≥ 3500	65.6	90.1	91.0	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
≥ 3000	66.1	91.7	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	66.7	93.6	94.4	95.1	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	67.3	94.3	95.3	96.0	96.4	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	67.3	94.6	95.7	96.4	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	67.3	94.8	95.9	96.7	97.3	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	67.8	95.9	97.0	97.8	98.4	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	67.8	96.0	97.1	97.9	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	67.8	96.1	97.2	98.0	98.7	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	67.8	96.3	97.4	98.2	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	67.9	96.7	97.8	98.6	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	67.9	96.7	97.8	98.6	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	67.9	96.7	97.8	98.6	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	67.9	96.7	97.8	98.6	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	67.9	96.7	97.8	98.6	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	67.9	96.7	97.8	98.6	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.9	96.7	97.8	98.6	99.4	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.9	96.7	97.8	98.6	99.4	99.4	99.6	99.8	99.8	99.9	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

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.7	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	63.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	63.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	63.4	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
≥ 14000	65.1	77.0	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
≥ 12000	67.4	81.2	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	69.1	84.4	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
≥ 9000	69.2	84.7	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	70.6	87.3	88.4	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
≥ 7000	70.8	87.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	71.4	88.6	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
≥ 5000	71.4	89.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4500	71.6	89.3	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	90.8
≥ 4000	71.9	90.0	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	72.9	91.0	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	72.6	91.3	92.9	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	72.7	92.2	94.0	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	72.9	92.9	94.7	95.2	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	73.4	93.6	95.3	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	73.6	93.8	95.8	96.3	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	73.9	94.9	97.1	97.7	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	73.9	95.2	97.4	98.0	98.3	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	74.3	95.3	97.6	98.1	98.4	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	74.0	95.4	97.7	98.2	98.6	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	74.1	95.7	97.9	98.4	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	74.1	95.7	97.9	98.6	99.0	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	74.1	95.7	97.9	98.6	99.2	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	74.1	95.7	97.9	98.7	99.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	74.1	95.7	97.9	98.7	99.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	74.1	95.7	97.9	98.7	99.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.1	95.7	97.9	98.7	99.3	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.1	95.7	97.9	98.7	99.3	99.3	99.6	99.8	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 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
1?? 4	BERGSTROM AFB TX	69,72-80	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.7	70.7	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
≥ 20000	69.3	76.9	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
≥ 18000	69.3	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	69.3	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	70.4	78.3	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 12000	72.3	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000	74.6	83.4	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	83.9
≥ 9000	74.8	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	76.1	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000	76.4	86.0	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
≥ 6000	77.1	87.2	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	77.2	87.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	77.3	87.7	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	77.9	88.3	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	78.2	88.7	89.3	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
≥ 3000	78.8	89.3	90.1	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
≥ 2500	78.9	89.9	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	79.7	91.4	92.2	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	80.3	92.3	93.1	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	80.8	92.9	93.7	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	81.2	93.9	94.9	95.2	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	81.6	94.8	95.8	96.1	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	81.8	95.0	96.0	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	82.0	95.4	96.4	96.8	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	82.6	96.0	97.0	97.4	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	82.6	96.3	97.4	97.9	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	82.6	96.3	97.4	97.9	98.8	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	82.6	96.4	97.6	98.1	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.6	96.4	97.6	98.1	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.6	96.4	97.6	98.1	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.6	96.4	97.6	98.1	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.6	96.4	97.6	98.1	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

13904	BERGSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.7	57.8	59.1	59.8	60.2	60.4	60.4	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 20000	50.3	63.9	65.4	66.2	66.8	66.9	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3
≥ 18000	50.4	64.1	65.6	66.3	66.9	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
≥ 16000	50.4	64.2	65.7	66.4	67.0	67.2	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 14000	51.2	65.1	66.6	67.3	68.0	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 12000	52.9	68.2	69.7	70.5	71.1	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7
≥ 10000	54.6	71.0	72.6	73.5	74.2	74.3	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	54.7	71.1	72.8	73.7	74.4	74.5	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000	55.4	72.6	74.5	75.5	76.2	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
≥ 7000	55.6	72.9	74.8	75.8	76.5	76.6	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	55.9	73.4	75.4	76.3	77.0	77.2	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	56.3	74.1	76.0	77.0	77.7	77.9	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3
≥ 4500	56.7	74.7	76.7	77.8	78.4	78.6	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	57.0	75.3	77.4	78.4	79.1	79.3	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 3500	57.5	76.2	78.3	79.3	80.1	80.3	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 3000	58.0	77.1	79.3	80.5	81.3	81.5	81.6	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0
≥ 2500	58.4	78.4	80.6	81.9	82.7	82.9	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5
≥ 2000	59.4	80.2	82.5	83.8	84.7	84.9	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5
≥ 1800	59.8	81.0	83.3	84.7	85.6	85.8	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4
≥ 1500	60.7	82.6	85.0	86.4	87.4	87.6	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 1200	61.8	84.8	87.5	89.0	90.0	90.3	90.5	90.8	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 1000	62.3	86.2	89.1	90.7	91.9	92.2	92.5	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 900	62.7	87.0	90.0	91.7	92.9	93.2	93.5	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 800	62.9	87.9	91.1	92.7	94.0	94.3	94.6	94.9	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.3
≥ 700	63.1	88.5	91.9	93.6	95.0	95.3	95.6	95.9	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3
≥ 600	63.2	89.1	92.6	94.6	96.0	96.4	96.8	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 500	63.2	89.3	92.9	95.0	96.6	97.0	97.5	97.8	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3
≥ 400	63.2	89.4	93.2	95.4	97.1	97.6	98.3	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	63.2	89.5	93.3	95.5	97.2	97.7	98.4	98.9	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5
≥ 200	63.2	89.5	93.3	95.5	97.2	97.8	98.4	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.7
≥ 100	63.2	89.5	93.3	95.5	97.2	97.8	98.5	99.0	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.9
≥ 0	63.2	89.5	93.3	95.5	97.2	97.8	98.5	99.0	99.2	99.5	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?x?4	BERGSTROM AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.8	65.6	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	60.5	66.9	67.7	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
≥ 18000	60.5	66.9	67.7	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
≥ 16000	60.5	66.9	67.7	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
≥ 14000	60.8	67.1	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
≥ 12000	62.3	68.6	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	64.5	71.0	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
≥ 9000	64.5	71.3	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	65.5	72.3	73.3	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	66.6	73.4	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	67.1	74.0	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	67.5	74.4	75.5	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
≥ 4500	68.7	75.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	69.1	76.3	77.4	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	69.7	77.3	78.4	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	70.3	78.5	79.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	71.3	80.0	81.1	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	72.8	83.0	84.2	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	73.3	84.0	85.3	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	75.5	86.9	88.4	88.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	76.5	89.2	90.8	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	77.7	91.5	93.2	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	78.0	91.9	93.9	94.4	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	78.5	93.1	95.2	95.7	96.1	96.1	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	78.5	93.4	95.5	96.3	97.2	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 600	78.5	93.4	95.6	96.5	97.4	97.4	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 500	78.5	93.4	95.6	96.5	97.4	97.4	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 400	78.5	93.7	95.9	97.0	98.1	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
≥ 300	78.5	93.8	96.0	97.1	98.2	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 200	78.5	93.9	96.2	97.3	98.4	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 100	78.5	93.9	96.2	97.3	98.4	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	100.0
≥ 0	78.5	93.9	96.2	97.3	98.4	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (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	49.6	55.6	56.6	57.3	58.0	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
≥ 20000	50.3	56.6	57.5	58.3	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4
≥ 18000	50.3	56.6	57.5	58.3	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4
≥ 16000	50.3	56.6	57.5	58.3	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4
≥ 14000	50.6	56.9	57.8	58.6	59.2	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
≥ 12000	51.3	57.7	58.7	59.5	60.1	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5
≥ 10000	54.1	60.8	61.8	62.6	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7
≥ 9000	54.2	61.0	62.0	62.8	63.4	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥ 8000	55.1	62.2	63.2	64.0	64.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1
≥ 7000	55.7	63.2	64.3	65.1	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
≥ 6000	55.9	63.4	64.5	65.3	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3
≥ 5000	56.9	64.7	65.8	66.6	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
≥ 4500	57.5	65.6	66.7	67.4	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 4000	58.2	66.5	67.5	68.3	68.9	69.0	69.1	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 3500	58.7	67.5	68.6	69.4	70.0	70.1	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
≥ 3000	60.1	69.5	70.5	71.3	71.9	72.0	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6
≥ 2500	62.3	72.7	74.0	74.8	75.5	75.6	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
≥ 2000	64.6	76.0	77.5	78.4	79.0	79.1	79.2	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 1800	65.3	77.1	78.6	79.6	80.3	80.4	80.6	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2
≥ 1500	67.8	79.8	81.4	82.4	83.1	83.2	83.4	83.5	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 1200	69.1	82.4	84.1	85.5	86.5	86.6	86.8	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 1000	70.0	84.3	86.1	87.7	88.7	88.8	89.0	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 900	70.2	85.1	87.1	88.7	89.7	89.8	90.0	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 800	70.3	85.9	88.1	89.8	90.9	91.0	91.2	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 700	70.4	86.1	88.4	90.3	91.5	91.7	91.9	92.6	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 600	70.6	86.7	89.2	91.4	92.7	92.9	93.3	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7
≥ 500	70.6	87.1	89.9	92.3	93.9	94.1	94.5	95.5	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0
≥ 400	70.6	87.2	90.2	92.6	94.4	94.8	95.3	96.5	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0
≥ 300	70.6	87.3	90.4	93.0	94.9	95.6	96.0	97.3	97.6	97.7	97.8	97.8	98.0	98.0	98.1	98.1
≥ 200	70.6	87.3	90.4	93.0	95.1	95.8	96.3	98.0	98.4	98.5	98.6	98.6	98.8	98.8	98.9	98.9
≥ 100	70.6	87.3	90.4	93.0	95.1	95.8	96.3	98.0	98.4	98.5	98.6	98.6	99.1	99.1	99.4	99.6
≥ 0	70.6	87.3	90.4	93.0	95.1	95.8	96.3	98.0	98.4	98.5	98.6	98.6	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]4 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.3	45.1	47.1	48.1	49.0	49.1	49.6	49.9	49.9	50.4	50.6	50.6	50.6	50.8	50.9	51.1
≥ 20000	36.6	46.7	48.8	49.9	50.9	51.0	51.4	51.7	51.7	52.3	52.5	52.5	52.5	52.6	52.7	52.9
≥ 18000	36.7	46.8	48.9	50.0	51.0	51.1	51.5	51.8	51.8	52.4	52.6	52.6	52.6	52.7	52.8	53.0
≥ 16000	36.7	46.8	48.9	50.0	51.0	51.1	51.5	51.8	51.8	52.4	52.6	52.6	52.6	52.7	52.8	53.0
≥ 14000	36.8	46.9	49.0	50.1	51.1	51.2	51.6	51.9	51.9	52.5	52.7	52.7	52.7	52.8	52.9	53.1
≥ 12000	37.6	48.3	50.4	51.5	52.5	52.6	53.4	53.8	53.8	54.3	54.5	54.5	54.5	54.6	54.7	54.9
≥ 10000	40.0	51.5	53.9	55.6	56.6	56.7	57.5	57.8	57.8	58.4	58.6	58.6	58.6	58.7	58.8	59.0
≥ 9000	40.3	51.9	54.3	56.0	57.0	57.1	58.0	58.3	58.3	58.8	59.0	59.0	59.0	59.1	59.2	59.5
≥ 8000	40.8	53.0	55.5	57.2	58.2	58.3	59.1	59.5	59.5	60.0	60.2	60.2	60.2	60.3	60.4	60.6
≥ 7000	41.4	54.1	56.7	58.4	59.4	59.5	60.3	60.8	60.8	61.3	61.5	61.5	61.5	61.6	61.7	61.9
≥ 6000	41.8	54.5	57.2	59.1	60.3	60.4	61.3	61.7	61.7	62.3	62.5	62.5	62.5	62.6	62.7	62.9
≥ 5000	42.6	55.5	58.2	60.1	61.3	61.4	62.3	62.7	62.7	63.2	63.4	63.4	63.4	63.5	63.7	63.9
≥ 4500	43.3	56.5	59.1	61.1	62.3	62.4	63.2	63.7	63.7	64.2	64.4	64.4	64.4	64.5	64.6	64.8
≥ 4000	43.5	57.0	59.8	61.8	63.0	63.1	64.1	64.5	64.6	65.2	65.4	65.4	65.4	65.5	65.6	65.8
≥ 3500	44.1	56.1	61.1	63.1	64.4	64.6	65.6	66.0	66.1	66.7	66.9	66.9	66.9	67.0	67.1	67.3
≥ 3000	44.7	59.1	62.3	64.3	65.6	65.8	66.8	67.2	67.3	67.8	68.1	68.1	68.1	68.2	68.3	68.5
≥ 2500	46.1	61.3	64.8	67.0	68.3	68.5	69.5	69.9	70.0	70.5	70.8	70.8	70.8	70.9	71.0	71.2
≥ 2000	48.3	64.0	67.7	69.9	71.5	71.7	72.8	73.4	73.5	74.1	74.3	74.3	74.3	74.4	74.5	74.7
≥ 1800	48.7	64.7	68.9	71.1	72.7	72.9	74.0	74.6	74.7	75.3	75.5	75.5	75.5	75.6	75.7	75.9
≥ 1500	50.3	66.9	71.3	73.5	75.6	75.9	77.0	77.6	77.7	78.4	78.6	78.6	78.6	78.7	78.8	79.[illegible]
≥ 1200	51.1	69.6	74.0	76.3	78.4	78.8	79.9	80.5	80.6	81.3	81.6	81.6	81.6	81.7	81.8	82.0
≥ 1000	51.5	71.3	76.2	78.6	80.8	81.2	82.4	83.1	83.2	83.9	84.2	84.2	84.2	84.3	84.4	84.6
≥ 900	51.5	72.7	77.6	80.1	82.3	82.7	84.0	84.7	84.8	85.5	85.8	85.8	85.8	85.9	86.0	86.2
≥ 800	51.7	73.3	78.9	81.6	83.8	84.3	85.6	86.3	86.5	87.1	87.4	87.4	87.4	87.5	87.6	87.8
≥ 700	52.1	74.2	79.9	82.6	85.1	85.6	87.0	87.8	88.0	88.6	88.9	88.9	88.9	89.0	89.1	89.4
≥ 600	52.4	74.7	80.9	83.8	86.3	87.3	88.8	89.7	89.8	90.4	90.8	90.8	90.8	90.9	91.0	91.2
≥ 500	52.6	75.3	81.5	84.5	87.6	88.6	90.3	91.4	91.5	92.3	92.6	92.6	92.7	92.8	92.9	93.2
≥ 400	52.6	75.4	81.6	84.8	88.3	89.5	91.2	92.7	92.9	93.8	94.1	94.1	94.2	94.3	94.4	94.8
≥ 300	52.6	75.4	81.7	85.1	88.6	90.0	91.9	93.7	94.1	95.1	95.8	95.9	96.2	96.3	96.5	96.9
≥ 200	52.6	75.4	81.7	85.1	88.6	90.0	92.0	93.8	94.3	95.3	96.1	96.2	96.8	97.0	97.1	97.8
≥ 100	52.6	75.4	81.7	85.1	88.6	90.0	92.0	93.8	94.3	95.3	96.1	96.5	97.0	97.4	97.8	99.[illegible]
≥ 0	52.6	75.4	81.7	85.1	88.6	90.0	92.0	93.8	94.3	95.3	96.2	96.6	97.1	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]4	BERGSTROM AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-11[illegible]
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	53.5	54.1	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	42.6	56.3	56.9	57.2	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000	42.9	56.6	57.1	57.4	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9
≥ 16000	42.8	56.6	57.1	57.4	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	43.1	56.9	57.4	57.7	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	44.3	58.8	59.5	59.9	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	45.8	62.0	62.8	63.3	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	46.1	62.4	63.1	63.7	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000	47.3	64.7	66.0	66.6	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	48.1	65.8	67.2	67.7	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	48.2	66.2	67.7	68.3	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2
≥ 5000	48.7	67.2	68.8	69.4	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	49.5	68.4	70.0	70.5	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4000	49.9	69.1	70.8	71.3	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3500	50.9	70.2	71.9	72.5	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	51.7	72.0	73.9	74.4	74.9	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	53.0	74.8	77.1	77.6	78.2	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000	54.7	78.6	81.3	81.8	82.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	55.4	79.9	82.6	83.1	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	56.5	8 .2	85.2	85.9	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	57.4	85.1	88.5	89.5	90.2	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	57.8	86.1	89.8	90.8	91.7	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	58.1	86.9	90.8	91.8	92.9	93.3	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	58.2	87.2	91.2	92.5	94.1	94.5	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	58.4	87.6	91.6	93.1	94.9	95.4	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	58.4	87.6	91.6	93.2	95.5	95.9	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	58.4	87.8	92.3	94.0	96.3	96.8	97.4	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	58.4	87.8	92.5	94.3	96.8	97.3	98.1	98.2	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	58.4	87.8	92.5	94.3	96.8	97.3	98.1	98.2	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	58.4	87.8	92.5	94.3	96.8	97.3	98.1	98.2	98.5	99.2	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	58.4	87.8	92.5	94.3	96.8	97.3	98.1	98.2	98.5	99.2	99.7	99.7	99.7	99.9	99.9	99.9
≥ 0	58.4	87.8	92.5	94.3	96.8	97.3	98.1	98.2	98.5	99.2	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 93



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

CEILING VERSUS VISIBILITY

1[illegible]4	BERGSTROM AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

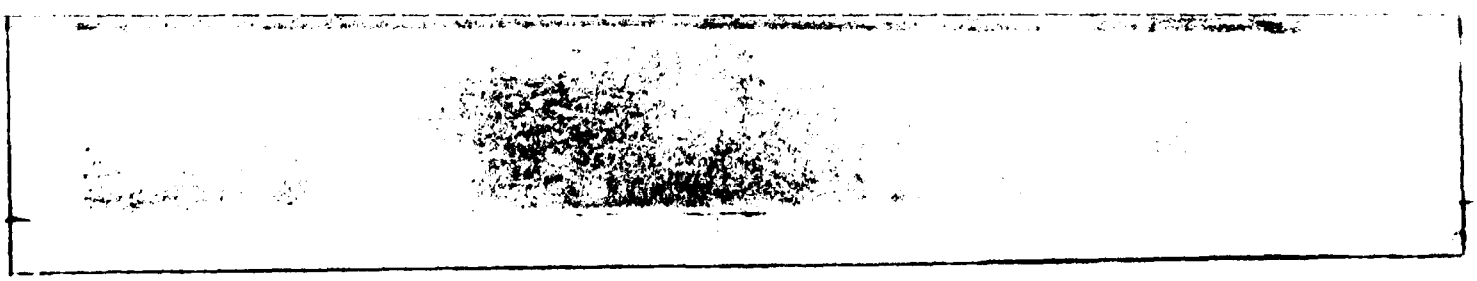
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.2	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	54.7	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	66.0	66.0
≥ 18000	54.9	66.0	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
≥ 16000	54.9	66.0	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
≥ 14000	55.2	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	66.6
≥ 12000	56.6	68.2	68.3	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
≥ 10000	59.5	71.7	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
≥ 9000	59.6	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	60.6	74.3	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
≥ 7000	61.4	76.0	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	61.6	76.5	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	62.2	77.8	78.6	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
≥ 4500	63.4	79.4	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	64.3	81.6	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	66.3	83.5	84.5	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
≥ 3000	68.1	86.2	87.2	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	69.1	88.6	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	70.0	90.1	91.4	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	70.9	91.4	92.8	93.5	93.8	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	71.4	92.5	94.2	94.9	95.2	95.2	95.2	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	71.9	93.5	95.3	96.0	96.2	96.2	96.2	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	72.3	94.2	96.0	96.9	97.1	97.1	97.2	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	72.3	94.3	96.1	97.0	97.2	97.3	97.4	97.5	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	72.3	94.6	96.7	97.5	97.8	98.0	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	72.3	94.9	97.0	97.8	98.3	98.4	98.5	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	72.4	95.1	97.2	98.1	98.5	98.6	98.7	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	72.4	95.1	97.3	98.2	98.6	98.7	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.4	95.2	97.4	98.3	98.7	98.8	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.5	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	66.5
≥ 20000	65.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	65.3	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	73.4	73.4
≥ 16000	65.3	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	73.4	73.4
≥ 14000	65.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	65.8	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	68.6	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 9000	69.0	77.8	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
≥ 8000	71.9	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	73.1	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	73.7	84.9	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	75.1	86.6	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	77.1	89.1	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	90.1
≥ 4000	78.1	90.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	78.1	90.9	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	78.3	91.4	92.5	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
≥ 2500	78.6	92.3	93.4	93.7	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 2000	78.9	93.4	94.7	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 1800	79.5	94.2	95.5	95.8	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5
≥ 1500	79.8	94.9	96.3	96.7	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 1200	79.8	95.2	96.7	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1000	80.1	95.6	97.1	97.5	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 900	80.1	95.9	97.4	97.8	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 800	80.1	95.9	97.9	98.3	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 700	80.1	96.5	98.4	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	80.1	96.5	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	80.1	96.5	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	80.1	96.5	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	80.1	96.5	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	80.1	96.5	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	80.1	96.5	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	80.1	96.5	98.4	99.0	99.5	99.6	99.8	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 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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	73.3	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	76.5	76.5
≥ 18000	73.3	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	76.5	76.5
≥ 16000	73.3	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	76.5	76.5
≥ 14000	73.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	74.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	78.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	80.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	80.6	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	81.1	86.6	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
≥ 5000	81.7	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	82.9	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4000	83.3	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	83.9	90.8	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	84.4	91.3	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	84.6	91.9	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	85.4	93.1	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	85.6	93.5	94.5	94.7	94.8	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	85.9	94.5	95.5	95.8	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	86.0	94.8	95.8	96.2	96.5	96.7	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1000	86.5	95.4	96.3	96.9	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 900	86.5	95.7	96.7	97.2	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 800	86.9	96.1	97.6	98.2	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 700	86.9	96.3	97.8	98.4	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	86.9	96.3	97.8	98.6	98.9	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	86.9	96.5	98.0	98.7	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	86.9	96.6	98.1	98.8	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	86.9	96.6	98.1	98.8	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	86.9	96.6	98.1	98.8	99.1	99.4	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	86.9	96.6	98.1	98.8	99.1	99.4	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	86.9	96.6	98.1	98.8	99.1	99.4	99.5	99.6	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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (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	72.7	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
≥ 20000	74.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	74.4	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
≥ 16000	74.4	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
≥ 14000	74.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	75.7	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
≥ 10000	77.6	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
≥ 9000	77.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	78.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	79.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	80.1	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	81.2	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	81.9	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	82.8	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	83.0	86.9	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	83.3	87.7	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	84.2	89.5	89.7	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	84.6	90.2	90.4	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	85.3	91.0	91.3	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	86.3	92.3	92.6	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	87.0	93.9	94.5	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	87.3	94.7	95.4	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	87.7	95.5	96.2	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	87.7	96.0	96.9	97.3	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	87.7	96.1	97.0	97.5	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	87.7	96.1	97.1	97.6	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	87.7	96.3	97.4	98.0	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	87.7	96.7	97.7	98.3	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	87.7	96.8	97.8	98.4	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	87.7	96.8	97.8	98.4	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	87.7	96.8	97.8	98.4	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 0	87.7	96.8	97.8	98.4	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13954 — STATION
BERGSTROM AFB TX — STATION NAME
69,72-80 — YEARS
OCT — MONTH
ALL — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.7	61.8	62.3	62.7	62.9	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	57.2	64.7	65.3	65.6	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2
≥ 18000	57.3	64.8	65.4	65.8	66.0	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	57.3	64.8	65.4	65.8	66.0	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	57.5	65.1	65.6	66.0	66.2	66.3	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 12000	58.6	66.4	67.0	67.4	67.6	67.7	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	61.0	69.4	70.1	70.5	70.8	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 9000	61.3	69.7	70.4	70.8	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5
≥ 8000	62.5	71.8	72.7	73.1	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8
≥ 7000	63.3	73.1	74.0	74.5	74.8	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥ 6000	63.7	73.6	74.6	75.1	75.4	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 5000	64.5	74.8	75.8	76.3	76.6	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1
≥ 4500	65.6	76.2	77.2	77.7	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 4000	66.2	77.2	78.3	78.8	79.2	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 3500	66.8	78.1	79.4	79.9	80.3	80.4	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 3000	67.6	79.5	80.8	81.4	81.8	81.9	82.0	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	68.7	81.4	82.8	83.5	83.9	84.0	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6
≥ 2000	69.9	83.6	85.2	85.9	86.4	86.5	86.7	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800	70.5	84.5	86.2	86.9	87.4	87.5	87.8	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	71.7	86.2	88.1	88.9	89.5	89.6	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.3	90.3
≥ 1200	72.4	88.0	89.9	90.8	91.5	91.6	91.9	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.4
≥ 1000	72.9	89.1	91.3	92.2	92.9	93.1	93.4	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.9	93.9
≥ 900	73.0	89.7	92.0	93.0	93.7	93.9	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7
≥ 800	73.2	90.3	92.8	93.9	94.7	94.9	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.9	95.9
≥ 700	73.2	90.7	93.2	94.4	95.4	95.6	96.0	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.7
≥ 600	73.3	90.8	93.5	94.8	95.9	96.1	96.6	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3
≥ 500	73.3	91.0	93.8	95.1	96.4	96.6	97.2	97.5	97.6	97.8	97.8	97.8	97.8	97.9	97.9	98.0
≥ 400	73.3	91.1	94.0	95.4	96.7	97.1	97.6	98.1	98.2	98.5	98.5	98.5	98.5	98.6	98.6	98.7
≥ 300	73.3	91.2	94.0	95.5	96.9	97.3	97.9	98.4	98.5	98.8	99.0	99.0	99.0	99.0	99.1	99.2
≥ 200	73.3	91.2	94.1	95.5	96.9	97.3	97.9	98.5	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.5
≥ 100	73.3	91.2	94.1	95.5	96.9	97.3	97.9	98.5	98.7	99.0	99.2	99.2	99.4	99.4	99.6	99.8
≥ 0	73.3	91.2	94.1	95.5	96.9	97.3	97.9	98.5	98.7	99.0	99.2	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | NOV (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	52.3	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	52.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	52.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	52.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	53.4	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	53.8	57.1	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
≥ 10000	54.8	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	55.2	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	57.1	60.4	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
≥ 7000	57.9	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 6000	58.9	63.1	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 5000	60.6	65.1	65.3	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
≥ 4500	61.8	66.3	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	62.0	66.9	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3500	62.7	67.9	68.1	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3000	62.8	68.3	68.6	69.1	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2500	65.0	71.0	71.3	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2000	66.3	73.9	74.2	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1800	66.6	74.8	75.6	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1500	68.6	78.4	79.3	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1200	69.4	81.6	83.2	84.1	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1000	69.9	83.7	85.7	86.6	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	70.6	84.7	86.7	87.6	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	70.9	86.4	88.9	89.8	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 700	71.1	87.2	89.8	90.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	71.2	88.0	91.0	91.9	93.1	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	71.2	88.4	91.6	92.7	94.2	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 400	71.3	88.9	92.2	93.4	95.6	96.0	96.3	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	71.3	88.9	92.3	93.7	95.9	96.3	96.7	97.1	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200	71.3	88.9	92.3	93.7	95.9	96.3	97.0	97.7	97.8	98.1	98.3	98.4	98.4	98.4	98.7	98.7
≥ 100	71.3	88.9	92.3	93.7	95.9	96.3	97.0	97.7	97.8	98.2	98.6	98.7	98.8	98.8	99.0	99.2
≥ 0	71.3	88.9	92.3	93.7	95.9	96.3	97.0	97.7	97.8	98.2	98.6	98.7	98.8	98.9	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

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (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	47.4	52.8	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.7
≥ 20000	48.9	54.2	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.1
≥ 18000	48.9	54.2	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.1
≥ 16000	48.9	54.2	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.1
≥ 14000	49.2	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.4
≥ 12000	50.0	55.3	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.2
≥ 10000	50.7	56.1	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	57.0
≥ 9000	51.0	56.4	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.3
≥ 8000	52.3	57.8	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.7
≥ 7000	52.7	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	59.1
≥ 6000	53.7	59.3	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.4
≥ 5000	54.4	60.2	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.4
≥ 4500	55.6	62.0	62.4	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.6
≥ 4000	55.6	62.2	62.7	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.8
≥ 3500	56.3	63.1	63.6	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.8
≥ 3000	57.8	65.0	65.4	65.9	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.7
≥ 2500	58.9	67.2	67.9	68.3	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.2
≥ 2000	60.0	69.6	70.6	71.0	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.9
≥ 1800	61.0	71.4	72.6	73.0	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.9
≥ 1500	62.0	73.9	75.6	76.0	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.9
≥ 1200	62.8	76.0	78.0	78.4	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.4
≥ 1000	62.9	78.1	80.8	81.6	82.	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.8
≥ 900	63.4	79.8	82.4	83.3	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.6
≥ 800	63.4	81.4	84.6	85.6	86.3	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.9	87.1
≥ 700	63.6	82.1	85.2	86.3	87.2	87.3	87.3	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.8	88.0
≥ 600	63.7	83.1	86.9	88.3	89.3	89.4	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.3
≥ 500	63.8	83.7	87.7	89.4	91.1	91.4	92.1	92.3	92.4	92.4	92.7	92.7	92.7	92.7	92.8	93.0
≥ 400	63.9	84.1	88.3	90.2	92.6	92.9	93.8	94.1	94.3	94.3	94.8	94.8	94.8	94.8	94.9	95.1
≥ 300	64.0	84.3	88.6	90.6	93.2	93.7	94.8	95.3	95.6	95.6	96.1	96.1	96.1	96.1	96.2	96.4
≥ 200	64.0	84.3	88.7	90.7	93.4	93.9	95.0	95.6	95.9	95.9	96.6	96.6	96.6	96.6	96.9	97.1
≥ 100	64.0	84.3	88.7	90.7	93.4	93.9	95.0	95.6	95.9	96.0	97.1	97.1	97.3	97.7	98.3	98.8
≥ 0	64.3	84.3	88.7	90.7	93.4	93.9	95.0	95.6	95.9	96.0	97.2	97.2	97.8	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	MONTH

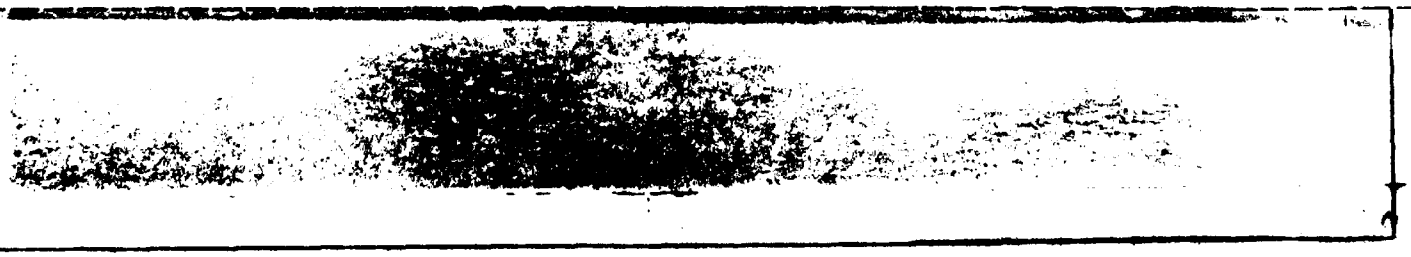
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.2	43.4	45.1	45.6	46.3	46.4	46.6	46.9	47.0	47.1	47.2	47.2	47.3	47.4	47.4	47.9
≥ 20000	37.3	45.1	47.2	47.9	48.7	48.8	48.9	49.2	49.3	49.4	49.6	49.6	49.7	49.8	49.8	50.2
≥ 18000	37.3	45.1	47.2	47.9	48.7	48.8	48.9	49.2	49.3	49.4	49.6	49.6	49.7	49.8	49.8	50.2
≥ 16000	37.3	45.1	47.2	47.9	48.7	48.8	48.9	49.2	49.3	49.4	49.6	49.6	49.7	49.8	49.8	50.2
≥ 14000	37.9	45.7	47.8	48.4	49.2	49.3	49.4	49.8	49.9	50.0	50.1	50.1	50.2	50.3	50.3	50.8
≥ 12000	38.9	46.9	49.0	49.7	50.4	50.6	50.7	51.0	51.1	51.2	51.3	51.3	51.4	51.6	51.6	52.0
≥ 10000	40.1	48.4	50.6	51.2	52.0	52.1	52.2	52.6	52.7	52.8	52.9	52.9	53.0	53.1	53.1	53.7
≥ 9000	40.6	48.9	51.0	51.7	52.4	52.6	52.7	53.0	53.1	53.2	53.3	53.3	53.4	53.6	53.6	54.1
≥ 8000	42.3	50.7	52.8	53.4	54.2	54.3	54.4	54.8	54.9	55.0	55.1	55.1	55.2	55.3	55.3	55.9
≥ 7000	43.6	52.4	54.6	55.2	56.0	56.1	56.2	56.6	56.7	56.8	56.9	56.9	57.0	57.1	57.1	57.7
≥ 6000	44.6	53.4	55.6	56.2	57.0	57.1	57.2	57.6	57.7	57.8	57.9	57.9	58.0	58.1	58.1	58.7
≥ 5000	45.2	54.8	56.9	57.6	58.3	58.4	58.6	58.9	59.0	59.1	59.2	59.2	59.3	59.4	59.4	60.0
≥ 4500	45.6	55.9	58.1	58.9	59.7	59.8	59.9	60.2	60.3	60.4	60.6	60.6	60.7	60.8	60.8	61.3
≥ 4000	46.1	56.6	58.8	59.6	60.4	60.7	60.8	61.1	61.2	61.3	61.4	61.4	61.6	61.7	61.7	62.2
≥ 3500	47.0	57.8	60.0	61.1	62.0	62.2	62.3	62.7	62.8	62.9	63.0	63.0	63.1	63.2	63.2	63.8
≥ 3000	48.1	59.7	62.0	63.3	64.2	64.4	64.6	64.9	65.0	65.1	65.2	65.2	65.3	65.4	65.4	66.0
≥ 2500	49.7	62.4	65.1	66.4	67.3	67.6	67.7	68.0	68.1	68.2	68.3	68.3	68.4	68.6	68.6	69.1
≥ 2000	51.2	65.0	67.6	69.1	70.0	70.2	70.3	70.7	70.8	70.9	71.0	71.0	71.1	71.2	71.2	71.8
≥ 1800	52.0	66.0	68.7	70.2	71.1	71.3	71.4	71.8	71.9	72.0	72.1	72.1	72.2	72.3	72.3	72.9
≥ 1500	52.1	67.3	70.3	72.0	73.0	73.2	73.3	73.7	73.8	73.9	74.0	74.0	74.1	74.2	74.2	74.8
≥ 1200	52.7	70.7	73.7	75.3	76.3	76.6	76.8	77.2	77.3	77.4	77.6	77.6	77.7	77.8	77.8	78.3
≥ 1000	53.0	72.4	75.7	77.6	78.8	79.0	79.2	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.3	81.0
≥ 900	53.1	73.6	77.6	79.4	80.7	80.9	81.1	81.7	81.9	82.0	82.1	82.2	82.3	82.4	82.4	83.1
≥ 800	53.2	75.3	79.6	81.9	83.4	83.7	84.1	84.7	84.9	85.0	85.1	85.2	85.3	85.4	85.4	86.1
≥ 700	53.2	75.9	80.6	82.9	84.6	84.8	85.2	85.8	86.0	86.2	86.3	86.4	86.6	86.7	86.7	87.3
≥ 600	53.2	77.3	82.2	84.8	86.9	87.3	87.8	88.4	88.7	89.0	89.1	89.2	89.3	89.4	89.4	90.1
≥ 500	53.2	78.1	83.1	86.1	89.1	89.7	90.3	91.0	91.2	91.7	91.8	91.9	92.0	92.2	92.2	93.0
≥ 400	53.2	78.1	83.3	86.6	89.9	90.4	91.3	92.1	92.3	92.8	92.9	93.0	93.1	93.3	93.3	94.1
≥ 300	53.2	78.1	83.3	86.7	90.2	91.1	92.2	93.1	93.4	94.1	94.2	94.3	94.6	94.8	94.8	95.6
≥ 200	53.2	78.1	83.3	86.8	90.3	91.2	92.4	93.4	94.1	94.8	95.1	95.2	95.6	95.8	95.9	96.7
≥ 100	53.2	78.1	83.3	86.8	90.4	91.3	92.7	93.8	94.4	95.2	95.8	95.9	96.4	97.3	97.6	98.6
≥ 0	53.2	78.1	83.3	86.8	90.4	91.3	92.7	93.8	94.4	95.2	95.8	95.9	96.4	97.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
≥ 20000	41.4	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 18000	41.4	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 16000	41.4	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
≥ 14000	42.1	51.3	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	52.1
≥ 12000	43.0	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
≥ 10000	44.8	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 9000	45.3	54.9	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7
≥ 8000	46.9	56.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
≥ 7000	48.1	59.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 6000	49.1	60.4	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 5000	50.4	62.1	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 4500	50.6	62.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4
≥ 4000	51.2	64.1	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.8
≥ 3500	51.7	64.7	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.7
≥ 3000	53.0	66.9	68.4	68.6	68.7	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.1
≥ 2500	54.9	69.6	71.4	71.8	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.6
≥ 2000	56.9	73.2	75.2	75.6	75.9	75.9	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.4
≥ 1800	56.9	74.4	76.6	76.9	77.2	77.2	77.2	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.8
≥ 1500	57.3	77.1	79.3	79.7	80.0	80.0	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.6
≥ 1200	57.9	80.6	83.0	83.3	84.1	84.2	84.4	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.1
≥ 1000	58.0	82.1	84.8	85.3	86.1	86.6	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.4
≥ 900	58.0	83.4	86.1	86.8	87.6	88.0	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.0
≥ 800	58.0	84.3	87.2	88.2	89.6	90.0	90.4	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.2
≥ 700	58.1	85.1	88.3	89.8	91.2	91.7	92.3	92.6	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.1
≥ 600	58.1	85.2	88.7	90.2	91.9	92.3	93.1	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.9	94.0
≥ 500	58.1	85.6	89.2	91.0	92.7	93.1	94.3	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.7
≥ 400	58.1	85.6	89.2	91.1	93.2	93.9	95.4	96.1	96.3	96.7	96.9	96.9	96.9	96.9	97.0	97.1
≥ 300	58.1	85.6	89.2	91.1	93.2	94.1	95.8	96.6	96.9	97.3	97.7	97.7	97.7	97.7	97.8	97.9
≥ 200	58.1	85.6	89.3	91.2	93.3	94.2	95.9	96.9	97.4	98.1	98.8	98.8	98.9	98.9	99.0	99.1
≥ 100	58.1	85.6	89.3	91.2	93.3	94.2	95.9	96.9	97.4	98.1	98.8	98.8	98.9	99.0	99.4	99.9
≥ 0	58.1	85.6	89.3	91.2	93.3	94.2	95.9	96.9	97.4	98.1	98.8	98.8	98.9	99.1	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

13974 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	51.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000	51.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	51.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	52.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	53.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	56.0	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
≥ 9000	56.9	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	57.8	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
≥ 7000	59.6	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
≥ 6000	61.1	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	69.1
≥ 5000	63.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500	64.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	65.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3500	66.9	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	67.9	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	70.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	72.3	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	73.0	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	73.0	88.2	88.7	88.8	89.1	89.1	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	73.1	90.8	91.2	91.6	91.9	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	73.1	91.3	92.0	92.6	92.9	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	73.1	91.6	92.3	93.0	93.3	93.7	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	73.4	92.3	93.3	94.3	94.9	95.2	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	73.4	92.7	93.9	95.2	95.8	96.1	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	73.4	92.8	94.3	95.9	96.6	96.9	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	73.4	92.8	94.6	96.1	96.9	97.3	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	73.4	92.8	94.6	96.2	97.1	97.8	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	73.4	92.8	94.7	96.3	97.2	97.9	98.3	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	73.4	92.8	94.7	96.3	97.2	97.9	98.3	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	73.4	92.8	94.7	96.3	97.2	97.9	98.3	98.9	99.2	99.4	99.7	99.8	99.9	99.9	100.0	100.0
≥ 0	73.4	92.8	94.7	96.3	97.2	97.9	98.3	98.9	99.2	99.4	99.7	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.4	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	58.9
≥ 20000	58.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	58.8	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
≥ 16000	58.8	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
≥ 14000	59.9	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
≥ 12000	61.1	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
≥ 10000	63.4	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	68.7
≥ 9000	63.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	65.7	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
≥ 7000	67.4	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	73.6
≥ 6000	68.7	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	69.8	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	71.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	73.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	74.3	82.9	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
≥ 3000	75.3	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	76.4	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	77.8	89.7	90.2	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
≥ 1800	77.9	90.1	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	78.3	91.6	92.1	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	78.3	92.1	92.7	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	78.3	92.9	93.7	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	78.6	93.1	93.9	94.6	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	78.8	93.7	94.7	95.3	95.7	95.7	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	78.8	94.2	95.4	96.2	96.6	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	78.8	94.4	95.7	96.4	97.1	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	78.8	94.4	95.8	96.7	97.4	97.6	97.9	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	78.8	94.4	95.9	96.9	97.8	98.0	98.3	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	78.8	94.4	95.9	96.9	97.8	98.0	98.3	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	78.8	94.4	95.9	96.9	97.8	98.0	98.3	98.8	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	78.8	94.4	95.9	96.9	97.8	98.0	98.3	98.8	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	78.8	94.4	95.9	96.9	97.8	98.0	98.3	98.8	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1?/?4	BERGSTROM AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.2	63.0	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	63.0	66.2	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
≥ 18000	63.0	66.2	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
≥ 16000	63.1	66.2	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
≥ 14000	63.8	67.1	67.1	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
≥ 12000	64.1	67.6	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000	65.2	69.1	69.1	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	65.3	69.2	69.2	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	66.8	70.7	70.7	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
≥ 7000	69.1	73.6	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	70.7	76.4	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	71.8	77.6	77.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	73.0	79.7	79.7	79.8	80.0	80.0	8 .0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	74.1	81.6	81.6	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
≥ 3500	74.8	83.1	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	76.0	84.6	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	78.1	87.7	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	78.9	89.2	89.5	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
≥ 1800	79.2	89.9	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	79.3	90.7	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	79.8	91.5	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	80.2	92.2	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	80.5	93.0	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	80.5	93.5	94.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	80.6	93.9	95.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	80.6	94.3	95.9	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	80.7	94.6	96.3	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	80.7	94.6	96.3	97.5	97.9	97.9	97.9	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	80.7	94.6	96.3	97.9	98.2	98.2	98.2	98.4	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	80.7	94.6	96.3	97.9	98.2	98.2	98.2	98.4	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.6
≥ 100	80.7	94.6	96.3	97.9	98.2	98.2	98.2	98.4	98.4	99.2	99.6	99.6	99.7	99.7	99.8	99.8
≥ 0	80.7	94.6	96.3	97.9	98.2	98.2	98.2	98.4	98.4	99.2	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 [illegible] 4 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

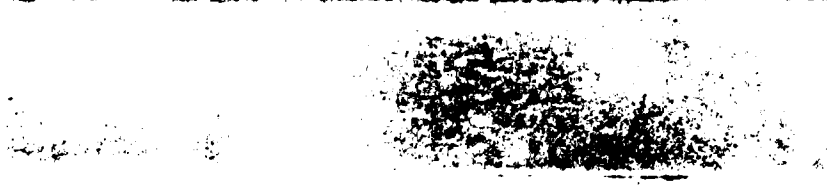
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21[illegible]-25[illegible] 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	61.8	64.0	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	63.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	63.0	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000	63.0	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 14000	63.4	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	66.6	66.6
≥ 12000	63.5	66.4	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
≥ 10000	64.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	64.8	68.0	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
≥ 8000	66.9	70.5	70.7	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
≥ 7000	67.9	71.9	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
≥ 6000	68.8	73.6	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
≥ 5000	69.5	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	70.9	76.1	76.5	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
≥ 4000	71.1	76.9	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	72.0	78.9	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	72.7	80.0	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	80.5
≥ 2500	75.0	83.3	83.6	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
≥ 2000	76.3	86.1	86.5	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1800	76.8	87.1	87.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	77.1	88.0	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	78.4	89.7	90.6	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	78.9	91.2	92.6	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	79.4	91.8	93.2	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	79.6	92.4	94.1	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	79.6	92.6	94.5	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	79.6	93.5	95.4	96.1	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	79.6	93.8	95.8	96.5	97.7	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	79.6	94.0	96.0	96.8	97.9	98.0	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	79.6	94.0	96.0	96.8	97.9	98.0	98.1	98.1	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	79.6	94.0	96.0	96.8	97.9	98.0	98.3	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.3
≥ 100	79.6	94.0	96.0	96.8	97.9	98.0	98.3	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.7
≥ 0	79.6	94.0	96.0	96.8	97.9	98.0	98.3	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 897

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]4	BERGSTROM AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.2	54.9	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7
≥ 20000	52.0	57.3	57.7	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 18000	52.1	57.4	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 16000	52.1	57.4	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 14000	52.7	58.1	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 12000	53.5	58.9	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 10000	54.9	60.7	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 9000	55.4	61.1	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.1
≥ 8000	56.9	62.8	63.2	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.8
≥ 7000	58.3	64.7	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.8
≥ 6000	59.4	66.3	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.5
≥ 5000	60.6	67.8	68.4	68.6	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.[illegible]
≥ 4500	61.5	69.3	69.9	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.6
≥ 4000	62.4	70.5	71.1	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8
≥ 3500	63.2	71.8	72.4	72.7	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
≥ 3000	64.2	73.3	74.0	74.4	74.6	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.0
≥ 2500	66.1	76.2	77.1	77.5	77.8	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 2000	67.5	79.0	80.0	80.4	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1
≥ 1800	67.9	80.1	81.1	81.6	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.3
≥ 1500	68.5	81.9	83.1	83.6	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4
≥ 1200	69.0	84.1	85.6	86.1	86.7	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.2
≥ 1000	69.3	85.5	87.3	88.0	88.6	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.3
≥ 900	69.6	86.3	88.3	89.1	89.7	89.9	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.4
≥ 800	69.7	87.4	89.6	90.6	91.4	91.5	91.7	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2
≥ 700	69.8	88.0	90.4	91.5	92.4	92.5	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.3
≥ 600	69.8	88.6	91.3	92.5	93.6	93.8	94.1	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.6
≥ 500	69.8	88.9	91.7	93.2	94.6	94.9	95.3	95.6	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.1
≥ 400	69.9	89.1	92.[illegible]	93.6	95.2	95.6	96.2	96.6	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.4
≥ 300	69.9	89.1	92.3	93.7	95.5	95.9	96.6	97.0	97.3	97.7	97.9	97.9	97.9	97.9	98.0	98.1
≥ 200	69.9	89.1	92.1	93.8	95.5	96.0	96.7	97.2	97.6	98.0	98.3	98.4	98.4	98.5	98.6	98.7
≥ 100	69.9	89.1	92.1	93.8	95.5	96.0	96.7	97.3	97.6	98.1	98.6	98.6	98.8	98.9	99.2	99.5
≥ 0	69.9	89.1	92.1	93.8	95.5	96.0	96.7	97.3	97.6	98.1	98.6	98.6	98.8	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

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

13904	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

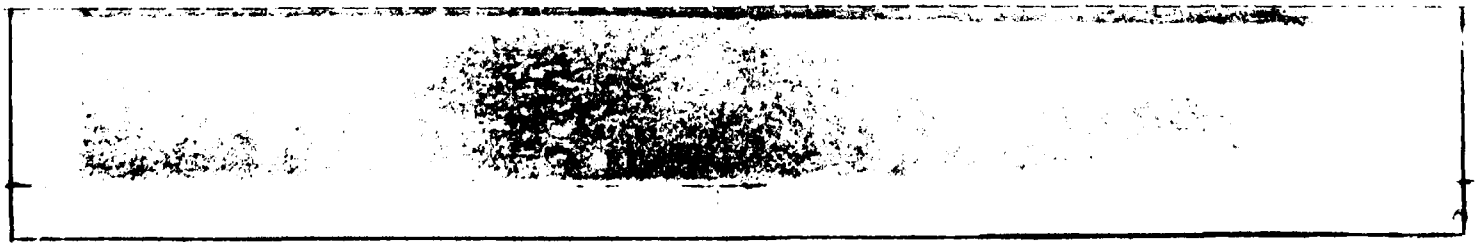
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.4	59.9	60.3	60.6	60.6	60.6	60.6	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0
≥ 20000	56.6	61.3	61.7	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 18000	56.6	61.3	61.7	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 16000	56.6	61.3	61.7	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 14000	56.6	61.3	61.7	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
≥ 12000	57.0	62.0	62.5	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1
≥ 10000	57.7	62.9	63.3	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 9000	57.7	62.9	63.3	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 8000	59.1	64.5	64.9	65.3	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6
≥ 7000	59.8	65.6	66.0	66.5	66.5	66.5	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8
≥ 6000	60.6	66.5	66.9	67.3	67.3	67.3	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6
≥ 5000	61.6	67.6	68.2	68.6	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9
≥ 4500	62.4	68.7	69.6	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3
≥ 4000	63.1	69.5	70.4	70.9	70.9	70.9	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2
≥ 3500	64.4	71.2	72.2	72.6	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9
≥ 3000	65.9	73.0	74.0	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7
≥ 2500	67.1	74.8	75.8	76.2	76.2	76.2	76.2	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6
≥ 2000	67.6	76.8	77.8	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9
≥ 1800	68.5	77.8	78.9	79.5	79.6	79.7	79.7	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0
≥ 1500	69.6	79.6	80.9	81.5	81.7	81.8	81.8	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2
≥ 1200	70.4	81.4	83.0	83.9	84.1	84.2	84.2	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5
≥ 1000	71.0	82.8	84.5	85.4	85.7	85.8	85.8	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1
≥ 900	71.1	84.1	85.8	87.0	87.4	87.5	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8
≥ 800	71.3	84.6	86.5	87.7	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6
≥ 700	71.3	85.1	87.2	88.5	89.1	89.2	89.2	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9
≥ 600	71.4	85.8	88.2	89.6	90.2	90.3	90.3	90.9	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 500	71.6	86.6	89.7	91.3	92.0	92.2	92.2	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9
≥ 400	71.6	86.6	89.8	91.7	92.5	92.8	93.1	93.7	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1
≥ 300	71.6	86.6	89.8	91.8	92.8	93.1	93.8	94.5	94.5	94.9	95.1	95.2	95.2	95.3	95.4	95.5
≥ 200	71.6	86.6	89.8	91.8	93.1	93.4	94.6	95.5	95.7	96.6	96.9	97.0	97.0	97.1	97.3	97.4
≥ 100	71.6	86.6	89.8	91.8	93.2	93.5	94.7	95.6	95.8	97.1	97.7	97.8	98.3	98.4	98.7	98.8
≥ 0	71.6	86.6	89.8	91.8	93.2	93.5	94.7	95.6	95.8	97.2	97.8	98.0	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.1	57.5	57.8	58.1	58.7	58.7	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.5	59.8
≥ 20000	54.5	59.2	59.6	59.8	60.4	60.4	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.2	61.5
≥ 18000	54.5	59.2	59.6	59.8	60.4	60.4	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.2	61.5
≥ 16000	54.5	59.2	59.6	59.8	60.4	60.4	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.2	61.5
≥ 14000	54.7	59.6	59.9	60.1	60.8	60.8	61.1	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.5	61.8
≥ 12000	55.1	60.1	60.4	60.6	61.3	61.3	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8	62.0	62.4
≥ 10000	55.9	61.0	61.4	61.6	62.3	62.3	62.6	62.6	62.7	62.7	62.8	62.8	62.8	62.8	63.0	63.3
≥ 9000	56.1	61.2	61.6	61.8	62.5	62.5	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.2	63.5
≥ 8000	56.7	61.8	62.3	62.5	63.1	63.1	63.4	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.9	64.2
≥ 7000	57.1	62.5	62.9	63.1	63.8	63.8	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.5	64.8
≥ 6000	58.1	63.3	63.8	64.0	64.6	64.6	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.4	65.7
≥ 5000	58.5	63.9	64.3	64.5	65.2	65.2	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.9	66.2
≥ 4500	58.9	65.1	65.5	65.7	66.3	66.3	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	67.1	67.4
≥ 4000	59.2	65.4	65.8	66.0	66.7	66.7	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.4	67.7
≥ 3500	59.7	65.9	66.3	66.6	67.2	67.2	67.5	67.5	67.6	67.7	67.8	67.8	67.8	67.8	68.1	68.4
≥ 3000	60.8	68.1	68.5	68.7	69.4	69.4	69.7	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.2	70.5
≥ 2500	61.7	69.9	70.3	70.5	71.2	71.2	71.5	71.5	71.6	71.7	71.8	71.8	71.8	71.8	72.0	72.4
≥ 2000	62.5	71.8	72.3	72.5	73.1	73.1	73.4	73.4	73.5	73.7	73.8	73.8	73.8	73.8	74.0	74.3
≥ 1800	63.2	72.9	73.3	73.5	74.2	74.2	74.5	74.5	74.6	74.7	74.8	74.8	74.8	74.8	75.1	75.4
≥ 1500	64.2	75.6	76.1	76.5	77.3	77.3	77.6	77.6	77.7	77.8	78.0	78.0	78.0	78.0	78.2	78.5
≥ 1200	64.8	77.8	78.5	79.2	80.2	80.3	80.8	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.3	81.6
≥ 1000	65.3	79.5	80.4	81.4	82.4	82.6	83.0	83.0	83.1	83.2	83.3	83.3	83.3	83.4	83.7	84.0
≥ 900	65.4	80.0	81.0	82.0	83.2	83.4	84.0	84.0	84.1	84.2	84.3	84.3	84.3	84.4	84.6	84.9
≥ 800	65.8	81.0	82.4	83.7	85.1	85.3	86.0	86.0	86.1	86.2	86.3	86.3	86.3	86.5	86.7	87.0
≥ 700	66.1	81.5	83.1	84.5	85.9	86.1	86.9	86.9	87.0	87.1	87.2	87.2	87.2	87.3	87.5	87.8
≥ 600	66.6	82.3	83.9	85.4	86.9	87.1	87.8	87.8	88.0	88.1	88.2	88.2	88.2	88.3	88.5	88.8
≥ 500	66.7	83.2	85.1	87.0	88.5	88.8	89.6	89.6	89.7	89.9	90.0	90.0	90.1	90.2	90.4	90.8
≥ 400	66.7	83.4	85.3	87.7	89.8	90.2	91.0	91.1	91.2	91.6	91.7	91.7	91.8	91.9	92.2	92.5
≥ 300	66.7	83.7	85.6	88.2	90.2	90.6	91.7	91.9	92.5	93.1	93.2	93.2	93.3	93.4	93.7	94.2
≥ 200	66.7	83.8	85.7	88.3	90.9	91.3	92.4	92.7	93.2	94.1	94.4	94.4	94.6	94.8	95.1	95.6
≥ 100	66.7	83.8	85.7	88.3	90.9	91.4	92.5	92.8	93.4	94.9	95.5	95.6	95.9	96.6	96.8	97.4
≥ 0	66.7	83.8	85.7	88.3	90.9	91.4	92.5	92.8	93.4	94.9	95.7	95.8	96.1	97.2	97.4	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

1[illegible]4	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.9	49.6	50.2	50.4	50.6	50.6	50.8	50.9	50.9	51.0	51.0	51.0	51.2	51.2	51.5	51.7
≥ 20000	46.8	52.3	52.9	53.1	53.3	53.3	53.4	53.5	53.5	53.7	53.7	53.7	53.9	53.9	54.2	54.4
≥ 18000	47.0	52.5	53.1	53.3	53.5	53.5	53.7	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.4	54.6
≥ 16000	47.0	52.5	53.1	53.3	53.5	53.5	53.7	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.4	54.6
≥ 14000	47.4	53.1	53.8	54.0	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.5	54.7	54.7	55.1	55.3
≥ 12000	48.7	54.6	55.3	55.5	55.7	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.2	56.2	56.6	56.8
≥ 10000	50.1	56.0	56.7	56.9	57.1	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.6	57.6	58.0	58.2
≥ 9000	50.5	56.5	57.1	57.3	57.5	57.5	57.6	57.7	57.7	57.8	57.8	57.8	58.1	58.1	58.4	58.6
≥ 8000	51.8	58.2	58.8	59.0	59.2	59.5	59.6	59.7	59.7	59.8	59.8	59.8	60.0	60.0	60.3	60.5
≥ 7000	52.5	58.9	59.6	59.8	60.0	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.8	60.8	61.1	61.3
≥ 6000	53.0	59.7	60.3	60.5	60.8	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.5	61.5	61.8	62.0
≥ 5000	53.5	60.4	61.1	61.3	61.5	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.3	62.3	62.6	62.8
≥ 4500	54.3	61.5	62.2	62.4	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.3	63.3	63.7	63.9
≥ 4000	54.4	61.7	62.4	62.6	62.8	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.5	63.5	63.9	64.1
≥ 3500	54.8	62.4	63.1	63.2	63.4	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.2	64.2	64.5	64.7
≥ 3000	55.9	63.9	64.6	64.8	65.2	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.9	65.9	66.2	66.5
≥ 2500	57.4	65.9	66.9	67.1	67.5	67.8	68.0	68.1	68.1	68.3	68.3	68.3	68.5	68.5	68.8	69.0
≥ 2000	58.1	67.4	68.8	69.1	69.7	70.0	70.2	70.3	70.3	70.5	70.5	70.5	70.8	70.8	71.1	71.3
≥ 1800	58.5	68.3	69.7	70.1	70.6	71.0	71.2	71.3	71.3	71.5	71.5	71.5	71.7	71.7	72.0	72.3
≥ 1500	59.2	70.3	71.9	72.7	73.2	73.5	73.9	74.0	74.0	74.2	74.2	74.2	74.4	74.4	74.7	74.9
≥ 1200	60.8	73.2	75.1	75.8	76.6	77.1	77.4	77.5	77.5	77.7	77.7	77.7	78.0	78.0	78.3	78.5
≥ 1000	61.2	74.9	77.3	78.4	79.4	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.9	80.9	81.2	81.4
≥ 900	61.2	76.1	78.5	79.7	81.1	81.7	82.2	82.4	82.4	82.6	82.6	82.6	82.8	82.8	83.1	83.4
≥ 800	61.2	77.0	79.6	80.9	82.3	82.9	83.3	83.5	83.5	83.8	83.8	83.8	84.0	84.0	84.3	84.6
≥ 700	61.3	77.2	79.9	81.5	83.1	83.8	84.4	84.6	84.6	84.8	84.8	84.8	85.1	85.1	85.4	85.7
≥ 600	61.4	77.7	80.6	82.6	84.3	85.1	85.7	85.9	85.9	86.1	86.1	86.1	86.3	86.3	86.7	87.0
≥ 500	61.6	78.4	81.4	83.7	85.7	86.5	87.4	87.7	87.8	88.1	88.1	88.1	88.3	88.3	88.6	88.9
≥ 400	61.6	78.9	82.4	84.9	87.0	88.0	89.0	89.6	89.9	90.3	90.3	90.3	90.5	90.5	91.0	91.3
≥ 300	61.6	78.9	82.4	85.1	87.3	88.3	89.6	90.2	90.9	91.6	91.8	91.8	92.2	92.2	92.6	93.0
≥ 200	61.6	78.9	82.4	85.2	87.6	88.6	90.0	90.6	91.4	92.5	93.0	93.1	93.7	93.8	94.3	95.5
≥ 100	61.6	78.9	82.4	85.2	87.6	88.7	90.2	90.9	91.7	93.1	94.2	94.5	95.2	95.7	96.6	97.8
≥ 0	61.6	78.9	82.4	85.2	87.6	88.7	90.2	90.9	91.7	93.1	94.2	94.5	95.3	96.0	96.9	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

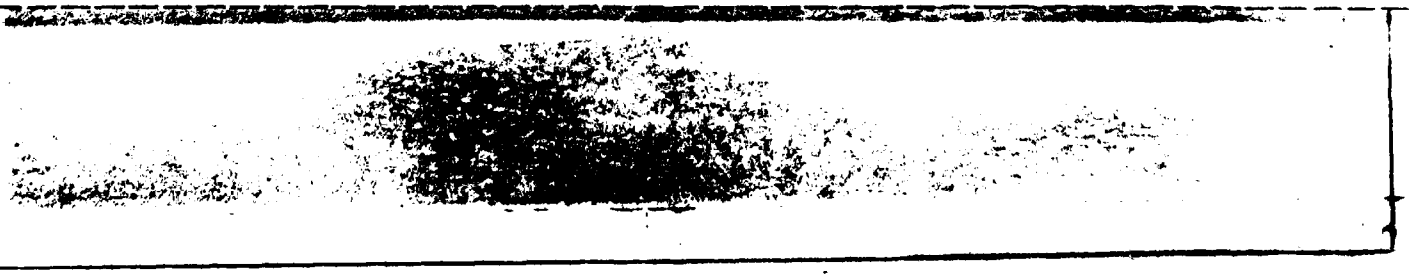
12904	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.9	46.9	47.3	47.6	47.7	47.7	47.8	48.0	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.3
≥ 20000	43.9	49.7	50.1	50.4	50.5	50.5	50.6	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.1
≥ 18000	44.3	50.1	50.5	50.9	51.0	51.0	51.1	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.5
≥ 16000	44.4	50.2	50.6	51.0	51.1	51.1	51.2	51.3	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.6
≥ 14000	45.3	51.2	51.6	51.9	52.0	52.0	52.2	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.6
≥ 12000	47.6	54.3	54.7	55.2	55.3	55.3	55.4	55.5	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.8
≥ 10000	48.8	55.7	56.1	56.6	56.7	56.7	56.8	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.2
≥ 9000	49.5	56.6	57.0	57.4	57.5	57.5	57.6	57.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.1
≥ 8000	50.4	58.2	58.6	59.1	59.2	59.2	59.5	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.9
≥ 7000	51.2	59.6	60.1	60.6	60.9	60.9	61.1	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.5
≥ 6000	51.7	60.3	60.9	61.4	61.6	61.6	61.8	61.9	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.3
≥ 5000	52.9	61.6	62.2	62.7	62.9	62.9	63.1	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5
≥ 4500	53.4	62.3	62.8	63.3	63.5	63.5	63.8	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.2
≥ 4000	54.1	62.9	63.4	64.0	64.2	64.2	64.4	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.8
≥ 3500	55.1	64.5	65.2	65.7	65.9	65.9	66.1	66.2	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.6
≥ 3000	56.2	66.2	66.9	67.4	67.6	67.6	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.3
≥ 2500	57.1	68.1	69.0	69.7	69.9	69.9	70.1	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.6
≥ 2000	57.8	69.4	70.4	71.1	71.3	71.4	71.7	71.8	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.3
≥ 1800	58.4	70.1	71.2	71.8	72.2	72.3	72.6	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.2
≥ 1500	59.2	71.8	73.1	73.8	74.1	74.3	74.6	74.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.3
≥ 1200	60.5	75.5	77.0	77.6	78.3	78.6	79.1	79.4	79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.9
≥ 1000	61.2	77.3	79.4	80.0	80.8	81.1	81.6	81.8	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.5
≥ 900	61.3	78.3	80.4	81.1	81.8	82.2	82.8	83.0	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.7
≥ 800	61.4	79.2	81.8	82.9	83.9	84.4	85.2	85.5	85.7	86.1	86.3	86.3	86.5	86.5	86.5	86.6
≥ 700	61.4	79.4	82.2	83.3	84.8	85.4	86.1	86.6	86.8	87.2	87.4	87.4	87.5	87.5	87.5	87.6
≥ 600	61.4	79.6	82.5	83.9	85.7	86.3	87.2	87.6	87.8	88.3	88.5	88.5	88.6	88.6	88.6	88.7
≥ 500	61.4	79.9	82.9	84.8	87.3	88.1	89.4	89.8	90.2	90.8	91.0	91.0	91.1	91.1	91.1	91.2
≥ 400	61.4	79.9	83.0	85.4	88.4	89.2	90.8	91.6	92.3	92.9	93.2	93.2	93.3	93.3	93.3	93.7
≥ 300	61.4	79.9	83.0	85.4	88.6	89.6	91.4	92.7	94.0	94.8	96.0	96.3	96.6	96.6	96.7	97.1
≥ 200	61.4	79.9	83.0	85.4	88.7	89.7	91.5	92.8	94.4	95.5	97.1	97.6	98.2	98.3	98.4	98.8
≥ 100	61.4	79.9	83.0	85.4	88.7	89.7	91.5	92.8	94.4	95.5	97.2	97.7	98.4	98.5	98.8	99.5
≥ 0	61.4	79.9	83.0	85.4	88.7	89.7	91.5	92.8	94.4	95.5	97.2	97.7	98.4	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1[illegible]4	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	55.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	55.8	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	60.0
≥ 16000	55.9	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	60.3	60.3
≥ 14000	56.7	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
≥ 12000	58.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	59.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	60.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	61.3	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	67.1
≥ 7000	61.8	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	67.8
≥ 6000	62.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	63.2	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	63.7	70.0	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
≥ 4000	64.6	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3500	65.3	72.4	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
≥ 3000	66.8	75.3	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2500	68.4	77.7	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000	69.2	79.6	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800	69.6	80.6	81.1	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1500	70.1	82.4	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	70.8	85.1	85.6	86.0	86.3	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	71.3	87.0	88.1	88.5	89.1	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 900	71.3	87.2	88.4	88.8	89.5	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	71.3	87.6	88.9	89.7	90.4	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	71.3	88.0	89.7	90.8	92.0	92.5	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	71.3	88.1	90.0	91.7	93.2	93.8	94.1	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	71.3	88.3	90.4	92.3	94.2	94.7	95.2	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	71.3	88.3	90.4	92.3	94.7	95.3	95.7	96.5	97.2	97.5	97.7	97.7	97.8	97.8	97.8	98.0
≥ 300	71.3	88.3	90.4	92.4	95.1	95.6	96.1	97.1	97.8	98.7	99.2	99.2	99.4	99.4	99.4	99.5
≥ 200	71.3	88.3	90.4	92.4	95.1	95.6	96.1	97.1	97.8	98.7	99.4	99.4	99.6	99.6	99.6	99.7
≥ 100	71.3	88.3	90.4	92.4	95.1	95.6	96.1	97.1	97.8	98.7	99.5	99.5	99.8	99.8	99.8	99.9
≥ 0	71.3	88.3	90.4	92.4	95.1	95.6	96.1	97.1	97.8	98.7	99.5	99.5	99.8	99.8	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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (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	53.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	59.7	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
≥ 18000	60.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000	60.4	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	61.7	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
≥ 12000	62.8	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	66.8
≥ 10000	65.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000	65.9	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
≥ 8000	67.4	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	68.0	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	68.6	74.6	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	69.7	75.9	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
≥ 4500	70.6	77.6	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	78.0
≥ 4000	70.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3500	71.3	79.1	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
≥ 3000	72.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	72.9	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	73.4	84.6	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	73.4	85.2	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	74.1	86.9	87.5	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	74.4	88.9	89.9	90.1	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	74.5	90.1	91.5	91.8	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 900	74.5	90.2	91.8	92.4	93.0	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	7 .5	90.6	92.4	92.9	93.7	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	74.5	91.3	93.2	93.8	94.5	94.7	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	74.5	91.3	93.2	93.8	94.6	94.8	95.6	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	74.5	91.5	93.4	94.2	95.3	95.5	96.3	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	74.5	91.6	93.5	94.3	95.8	96.0	97.1	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	74.5	91.6	93.5	94.3	95.9	96.2	97.4	98.2	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	74.5	91.6	93.5	94.3	95.9	96.2	97.4	98.2	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	74.5	91.6	93.5	94.3	95.9	96.2	97.4	98.2	98.7	99.6	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	74.5	91.6	93.5	94.3	95.9	96.2	97.4	98.2	98.7	99.6	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

12904 (STATION) BERGSTROM AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

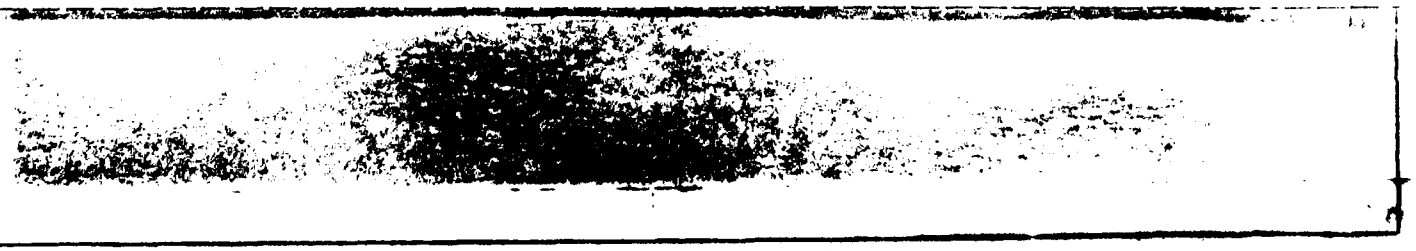
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.9	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	63.4	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	63.5	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	63.7	67.3	67.3	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
≥ 14000	64.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	64.7	68.8	68.8	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
≥ 10000	66.6	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
≥ 9000	66.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	68.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	68.7	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	69.7	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 5000	71.1	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	77.3
≥ 4500	72.3	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	72.4	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	73.3	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	74.1	82.2	82.3	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
≥ 2500	74.6	84.0	84.2	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
≥ 2000	75.2	85.1	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	86.1
≥ 1800	75.2	85.6	85.9	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
≥ 1500	75.7	87.1	87.5	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	76.0	88.5	88.9	89.9	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	76.2	89.4	90.1	91.3	91.8	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	76.2	90.1	90.9	92.2	92.7	92.7	92.8	93.1	93.1	93.1	93..	93.1	93.1	93.1	93.1	93.1
≥ 800	76.2	90.5	91.4	92.9	93.7	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	76.2	90.9	91.9	93.5	94.4	94.8	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	76.2	91.1	92.3	93.9	94.7	95.2	95.6	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	76.2	91.2	92.5	94.1	95.3	95.7	96.1	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	76.2	91.3	92.6	94.3	95.7	96.1	97.1	97.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	76.2	91.3	92.6	94.3	95.7	96.1	97.2	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	76.2	91.3	92.6	94.3	95.7	96.1	97.3	98.2	98.6	99.2	99.6	99.7	99.8	99.8	99.8	99.8
≥ 100	76.2	91.3	92.6	94.3	95.7	96.2	97.4	98.3	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0
≥ 0	76.2	91.3	92.6	94.3	95.7	96.2	97.4	98.3	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17904	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.1	61.4	61.8	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	61.1	64.5	64.9	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	61.1	64.5	64.9	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	61.4	64.8	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	61.7	65.4	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000	62.6	66.5	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	63.4	67.4	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	63.4	67.6	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	64.4	69.2	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	65.3	70.5	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	65.3	70.5	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	67.0	72.9	73.4	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4500	68.2	74.2	74.7	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	68.7	74.8	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3500	70.3	76.6	77.1	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
≥ 3000	71.2	78.5	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	72.0	80.2	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	73.0	82.0	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	73.3	82.5	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	74.3	84.0	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	75.7	86.7	87.2	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	76.5	87.8	88.4	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	76.6	88.4	88.9	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	76.6	88.7	89.2	90.4	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	76.6	89.0	89.6	90.8	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	76.6	89.0	90.4	91.8	92.3	92.5	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	76.6	89.2	90.9	92.6	93.4	93.7	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	76.6	89.2	90.9	92.6	94.0	94.3	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 300	76.6	89.2	90.9	92.7	94.2	94.6	95.8	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200	76.6	89.2	90.9	92.7	94.2	94.8	96.3	98.1	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	76.6	89.2	90.9	92.7	94.2	94.8	96.3	98.1	98.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	76.6	89.2	90.9	92.7	94.2	94.8	96.3	98.1	98.4	99.5	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
13904	BERGSTROM AFB TX	68-69,72-79	DEC

HOURS (L.S.T.): ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.1	56.0	56.3	56.4	56.6	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9
≥ 20000	55.1	59.6	59.9	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.5	60.6
≥ 18000	55.4	59.8	60.1	60.3	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.8
≥ 16000	55.5	60.0	60.3	60.5	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.9	61.0
≥ 14000	56.0	60.7	60.9	61.1	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6
≥ 12000	57.1	62.0	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	63.0
≥ 10000	58.5	63.6	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.6
≥ 9000	58.8	64.0	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.0
≥ 8000	59.9	65.7	66.0	66.2	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.7
≥ 7000	60.5	66.7	67.0	67.2	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.8
≥ 6000	61.2	67.4	67.8	68.0	68.1	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5
≥ 5000	62.2	68.6	69.0	69.3	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.8
≥ 4500	63.0	69.8	70.2	70.4	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0
≥ 4000	63.4	70.3	70.8	71.0	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.6
≥ 3500	64.3	71.6	72.1	72.3	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.9
≥ 3000	65.4	73.6	74.1	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.9	75.0
≥ 2500	66.4	75.5	76.1	76.4	76.6	76.7	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.1
≥ 2000	67.1	77.1	77.8	78.2	78.4	78.5	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 1800	67.5	77.9	78.6	79.0	79.2	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.8
≥ 1500	68.3	79.7	80.6	81.0	81.3	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.9
≥ 1200	69.2	82.1	83.1	83.8	84.2	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 1000	69.6	83.6	85.0	85.7	86.3	86.5	86.8	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.2	87.2
≥ 900	69.7	84.3	85.7	86.6	87.3	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3
≥ 800	69.8	84.9	86.5	87.6	88.5	88.8	89.1	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.6	89.7
≥ 700	69.8	85.3	87.1	88.3	89.4	89.7	90.1	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.8	90.9
≥ 600	69.9	85.6	87.6	89.1	90.2	90.6	91.2	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.9	92.0
≥ 500	70.0	86.0	88.3	90.0	91.5	91.9	92.6	93.0	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.6
≥ 400	70.0	86.2	88.5	90.4	92.2	92.7	93.6	94.2	94.4	94.8	94.9	94.9	95.0	95.0	95.1	95.2
≥ 300	70.0	86.2	88.5	90.5	92.5	93.1	94.1	94.9	95.4	96.0	96.3	96.4	96.5	96.5	96.6	96.8
≥ 200	70.0	86.2	88.5	90.5	92.6	93.2	94.5	95.4	96.0	96.9	97.4	97.5	97.7	97.8	97.9	98.2
≥ 100	70.0	86.2	88.5	90.5	92.7	93.3	94.5	95.5	96.1	97.2	97.9	98.1	98.4	98.5	98.8	99.1
≥ 0	70.0	86.2	88.5	90.5	92.7	93.3	94.5	95.5	96.1	97.2	98.0	98.1	98.5	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13904	BERGSTROM AFB TX	68-70,72-80	ALL
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1⅞	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.1	55.1	55.7	56.0	56.2	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5
≥ 20000	52.1	60.2	60.9	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7
≥ 18000	52.2	60.4	61.1	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	52.4	60.5	61.2	61.6	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1
≥ 14000	52.9	61.2	61.9	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 12000	54.1	62.8	63.5	63.9	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 10000	55.8	65.2	65.9	66.3	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
≥ 9000	56.1	65.5	66.3	66.7	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3
≥ 8000	56.9	66.8	67.6	68.0	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
≥ 7000	57.6	67.6	68.5	68.9	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6
≥ 6000	58.1	68.4	69.3	69.7	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 5000	58.9	69.5	70.4	70.9	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
≥ 4500	59.8	70.9	71.9	72.4	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 4000	60.3	71.7	72.8	73.2	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	.9
≥ 3500	61.1	72.9	73.9	74.5	74.8	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥ 3000	61.9	74.5	75.6	76.1	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9
≥ 2500	63.0	76.8	78.0	78.6	78.9	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
≥ 2000	64.2	79.2	80.6	81.2	81.6	81.7	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1
≥ 1800	64.6	80.2	81.6	82.3	82.7	82.8	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3
≥ 1500	65.6	82.4	84.0	84.7	85.2	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8
≥ 1200	66.4	84.9	86.7	87.6	88.2	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 1000	66.8	86.3	88.4	89.4	90.1	90.3	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.9	90.9
≥ 900	67.0	87.1	89.3	90.3	91.1	91.3	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0
≥ 800	67.2	87.9	90.2	91.4	92.3	92.5	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 700	67.3	88.3	90.8	92.2	93.2	93.4	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3
≥ 600	67.4	88.7	91.4	92.8	94.0	94.3	94.7	94.9	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3
≥ 500	67.4	89.1	91.8	93.5	94.8	95.2	95.8	96.1	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.6
≥ 400	67.4	89.2	92.1	93.8	95.4	95.8	96.5	97.0	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.7
≥ 300	67.4	89.2	92.1	93.9	95.5	96.1	96.9	97.5	97.7	98.1	98.2	98.3	98.3	98.4	98.4	98.5
≥ 200	67.4	89.2	92.1	93.9	95.6	96.2	97.0	97.7	98.0	98.5	98.7	98.8	98.9	99.0	99.1	99.2
≥ 100	67.4	89.2	92.1	93.9	95.6	96.2	97.1	97.7	98.0	98.6	98.9	99.0	99.1	99.3	99.5	99.6
≥ 0	67.4	89.2	92.1	93.9	95.6	96.2	97.1	97.7	98.0	98.6	98.9	99.0	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 87636

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13904	BERGSTROM AFB TX	69-70,73-80	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	28.8			12.9						9.1	49.1	6.1	929
	03-05	28.2			9.6						10.4	51.8	6.4	929
	06-08	18.8			14.8						12.4	54.1	7.0	922
	09-11	12.2			19.1						16.3	52.4	7.3	930
	12-14	13.3			21.8						19.4	45.5	6.9	930
	15-17	12.0			25.1						19.0	43.9	6.9	930
	18-20	17.7			23.4						16.7	42.2	6.4	930
	21-23	27.9			15.8						11.9	44.4	6.0	928
TOTALS		19.9			17.8						14.4	47.9	6.6	7428

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

13904	BERGSTROM AFB TX	69-70,73-80	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	35.6			11.1						8.5	44.8	5.6	839
	03-05	33.1			8.8						7.6	50.5	6.0	841
	06-08	20.4			15.0						12.8	51.8	6.8	842
	09-11	14.8			18.2						19.1	47.9	7.1	845
	12-14	17.7			20.9						21.7	39.6	6.5	846
	15-17	16.7			26.4						22.7	34.3	6.3	846
	18-20	23.0			26.5						17.1	33.5	5.7	843
	21-23	35.6			17.5						12.5	34.5	5.1	841
TOTALS		24.6			18.1						15.3	42.1	6.1	6743

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

13904	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	28.4			12.9						12.4	46.3	6.1	922
	03-05	25.0			11.6						11.6	51.8	6.6	923
	06-08	13.6			18.6						14.4	53.4	7.2	924
	09-11	12.7			20.4						19.6	47.2	7.1	927
	12-14	13.6			24.4						22.0	40.1	6.7	928
	15-17	14.1			26.5						24.7	34.6	6.5	927
	18-20	18.6			27.6						21.1	32.8	6.0	925
	21-23	30.3			18.7						16.5	34.5	5.5	925
TOTALS		19.5			20.1						17.8	42.6	6.5	7401

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

13904 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											ME TENTH SKY C
		0	1	2	3	4	5	6	7	8	9	10	
APR	00-02	27.9			11.9						17.9	42.3	6
	03-05	23.4			11.2						16.1	49.3	6
	06-08	13.5			13.4						18.8	54.3	7
	09-11	12.4			17.8						23.7	46.1	7
	12-14	12.4			24.3						28.0	35.4	6
	15-17	12.8			28.0						27.3	31.9	6
	18-20	17.9			26.4						22.8	32.9	6
	21-23	29.3			18.5						16.2	36.0	5
TOTALS		18.7			18.9						21.4	41.0	6

OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13904	BERGSTROM AFB TX	69-70,73-80	MAY
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	25.9			21.0						18.6	34.5	5.8	927
	03-05	20.1			13.5						20.5	45.9	6.8	926
	06-08	8.6			18.0						25.2	48.2	7.6	929
	09-11	11.0			20.0						32.3	36.8	7.2	930
	12-14	9.0			31.1						31.2	28.7	6.6	930
	15-17	8.9			38.8						27.1	25.2	6.1	930
	18-20	12.9			34.5						27.7	24.8	6.0	930
	21-23	27.3			28.0						18.8	25.8	5.1	929
TOTALS		15.5			25.6						25.2	33.7	6.4	7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13904	BERGSTROM AFB TX	69-70,73-80	JUN
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		
JUN	00-02	38.0			21.9						20.1	20.1	4.5	897
	03-05	21.4			22.7						30.7	25.2	6.0	897
	06-08	8.8			25.8						35.0	30.4	7.0	898
	09-11	8.6			38.7						34.5	18.2	6.1	899
	12-14	7.3			50.9						28.1	13.7	5.4	900
	15-17	8.7			55.9						22.9	12.6	5.0	900
	18-20	19.3			52.6						16.7	11.4	4.2	900
	21-23	46.9			26.9						13.6	12.6	3.3	899
TOTALS		19.9			36.9						25.2	18.0	5.2	7190

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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (PERIOD) JUL (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		
JUL	00-02	45.8			29.4						13.1	11.7	3.2	927
	03-05	27.5			34.1						23.5	15.0	4.6	925
	06-08	6.3			41.5						36.2	16.1	6.1	928
	09-11	8.5			51.7						29.0	10.8	5.2	930
	12-14	5.5			58.1						27.0	9.5	5.1	930
	15-17	3.5			56.7						27.2	12.6	5.4	930
	18-20	8.5			51.0						24.9	15.6	5.3	926
	21-23	40.0			35.9						14.1	10.1	3.4	923
TOTALS		18.2			44.8						24.4	12.7	4.8	7419

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

13904	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	40.4			31.5						18.1	10.0	3.6	930
	03-05	30.0			32.9						23.3	13.8	4.5	930
	06-08	10.1			40.9						31.5	17.5	5.8	927
	09-11	8.4			47.3						30.9	13.4	5.5	930
	12-14	3.1			57.0						30.3	9.6	5.4	930
	15-17	2.2			53.7						32.8	11.4	5.7	930
	18-20	8.0			49.2						31.4	11.4	5.4	930
	21-23	37.4			35.5						19.1	8.0	3.6	930
TOTALS		17.5			43.5						27.2	11.9	4.9	7437

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

13904	BERGSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	34.8			25.4						18.5	21.4	4.6	899
	03-05	29.8			24.4						21.1	24.7	5.1	899
	06-08	15.2			26.7						27.8	30.3	6.3	888
	09-11	13.7			34.3						27.5	24.6	6.0	896
	12-14	9.3			43.6						29.6	17.6	5.7	900
	15-17	9.3			43.9						30.6	16.2	5.7	900
	18-20	18.2			41.6						24.6	15.7	5.0	900
	21-23	39.2			27.9						15.4	17.4	4.0	900
TOTALS		21.2			33.5						24.4	21.0	5.3	7182

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

13904	BERGSTROM AFB TX	69,72-80	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	43.9			20.4						14.9	20.8	4.0	930
	03-05	37.0			18.7						18.6	25.7	4.8	925
	06-08	21.9			25.9						23.9	28.3	5.8	928
	09-11	19.1			31.8						24.5	24.5	5.6	930
	12-14	16.2			39.8						23.7	20.3	5.4	930
	15-17	18.4			41.6						23.4	16.6	5.0	930
	18-20	31.4			34.8						17.2	16.6	4.2	930
	21-23	47.8			23.1						10.2	18.8	3.5	929
TOTALS		29.5			29.5						19.6	21.5	4.8	7432

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13904	BERGSTROM AFB TX	69,72-80	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	39.1			13.0						13.3	34.6	5.0	900
	03-05	39.3			11.0						12.2	37.5	5.2	896
	06-08	26.4			18.1						17.9	37.6	5.9	890
	09-11	21.2			23.0						20.4	35.4	6.1	899
	12-14	22.3			28.4						19.6	29.7	5.6	900
	15-17	19.3			33.2						20.9	26.6	5.5	900
	18-20	29.1			28.6						14.5	27.8	4.9	895
	21-23	43.3			17.7						9.9	29.1	4.3	897
TOTALS		30.0			21.6						16.1	32.3	5.3	7177

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

13904	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	40.3			15.5						11.5	32.7	4.8	929
	03-05	40.3			15.3						9.0	35.4	4.8	923
	06-08	25.3			20.3						15.2	39.2	5.9	924
	09-11	19.5			21.2						20.3	39.0	6.4	926
	12-14	20.0			25.2						21.8	33.0	6.0	930
	15-17	21.9			25.9						23.5	28.6	5.8	930
	18-20	27.5			26.5						16.2	29.8	5.2	930
	21-23	38.6			16.6						13.0	31.8	4.9	928
TOTALS		29.2			20.8						16.3	33.7	5.5	7420

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

13904	BERGSTROM AFB TX	68-70,72-80	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	19.9			17.8						14.4	47.9	6.6	7428
FEB		24.6			18.1						15.3	42.1	6.1	6743
MAR		19.5			20.1						17.8	42.6	6.5	7401
APR		18.7			18.9						21.4	41.0	6.6	7184
MAY		15.5			25.6						25.2	33.7	6.4	7431
JUN		19.9			36.9						25.2	18.0	5.2	7190
JUL		18.2			44.8						24.4	12.7	4.8	7419
AUG		17.5			43.5						27.2	11.9	4.9	7437
SEP		21.2			33.5						24.4	21.0	5.3	7182
OCT		29.5			29.5						19.6	21.5	4.8	7432
NOV		30.0			21.6						16.1	32.3	5.3	7177
DEC		29.2			20.8						16.3	33.7	5.5	7420
TOTALS		22.0			27.6						20.6	29.9	5.7	87444

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

Continued on Reverse

E

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

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

1 [illegible] 4 — STATION
ERGSTROM AFB TX — STATION NAME
42-80 — 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
115							.4	.6	.2				.1
110						2.5	14.5	18.5	1.8				3.1
105				.2	.3	2.8	28.3	61.7	59.5	19.4	.9		14.3
100			.1	2.0	4.3	24.6	71.4	90.9	88.9	54.0	11.7	.1	.1	28.8
95	.6	1.7	7.5	21.8	58.9	91.5	97.9	96.6	78.2	36.4	4.3	.2	41.2
90	3.9	7.7	24.3	51.8	82.3	97.7	99.6	99.1	90.8	63.0	20.9	4.1	53.5
85	13.0	21.0	42.6	74.7	93.5	99.4	100.0	99.9	96.7	81.1	38.5	14.4	64.4
80	26.0	37.3	62.5	89.6	97.9	99.8		100.0	99.3	90.9	57.5	30.2	74.1
75	40.1	53.7	77.5	95.6	99.7	100.0			99.7	96.0	71.0	46.2	81.5
70	52.3	67.1	87.0	98.5	99.9				99.9	98.7	82.4	63.9	87.4
65	65.8	77.4	92.7	99.5	100.0				100.0	99.7	91.0	78.1	91.9
60	76.1	87.3	96.2	99.9						100.0	95.4	87.9	95.2
55	85.4	94.8	98.4	100.0							98.5	94.2	97.6
50	92.7	97.8	99.8								99.6	98.2	99.1
45	96.8	99.2	99.9								99.9	99.6	99.6
40	99.2	99.9	100.0								100.0	100.0	99.9
35	99.7	100.0											100.0
30	100.0												100.0
MEAN	59.5	64.2	71.4	78.7	85.0	91.4	95.2	95.1	89.0	80.8	70.0	62.8	78.6
S D	12.974	11.671	9.491	7.342	6.100	5.000	4.349	4.982	6.572	7.629	10.525	13.657	15.764
TOTAL OBS	1166	1154	1144	1080	1116	1080	1115	1116	1080	1161	1127	1115	13354

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
1 [illegible] 4 STATION — BERGSTROM AFB TX STATION NAME — 42-80 YEARS

DAILY TEMPERATURE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

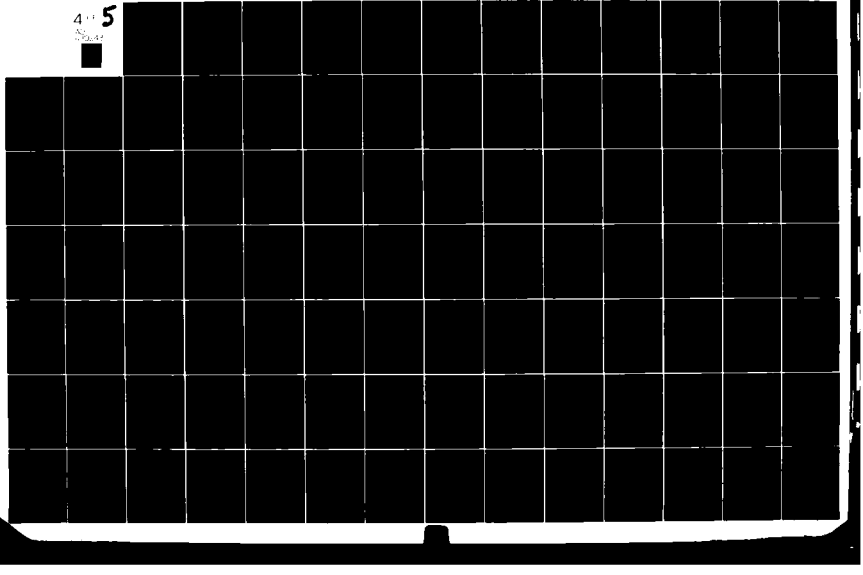
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TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85							.1.						.0
80						1.2.	1.7.	2.1.	.2.				.4
75					5.6.	30.2.	49.9.	43.5.	14.7.	1.7.			12.6
70	.1.		1.0.	9.4.	31.2.	75.1.	96.7.	92.7.	56.6.	12.1.	1.8.	.3	31.2
65	2.1.	2.0.	8.0.	29.0.	60.3.	94.1.	99.5.	98.8.	78.6.	26.0.	7.3.	2.1	42.2
60	4.5.	6.6.	18.3.	48.9.	84.6.	98.8.	100.0.	100.0.	92.3.	49.6.	16.7.	5.4	51.9
55	10.0.	13.9.	32.6.	68.6.	93.7.	100.0.			98.1.	67.9.	28.8.	10.9	60.1
50	18.2.	25.0.	51.6.	83.8.	98.7.				99.9.	85.0.	46.3.	19.9	68.8
45	29.9.	41.2.	68.2.	93.4.	100.0.				100.0.	94.6.	62.6.	34.7	76.9
40	46.6.	63.3.	83.1.	98.2.						98.3.	80.4.	55.7	85.3
35	66.6.	79.3.	92.4.	100.0.						99.6.	91.8.	77.3	92.2
33	73.9.	84.9.	95.2.							99.9.	94.7.	84.2	94.3
30	83.4.	92.1.	97.6.							100.0.	98.1.	91.7	96.9
25	93.1.	98.4.	99.4.								99.7.	97.2	99.0
20	97.9.	99.5.	99.7.								100.0.	99.7	99.7
15	99.5.	99.8.	100.0.									100.0	99.9
10	99.3.	99.9.											100.0
5		100.0.											100.0
0	99.9.												100.0
-5	100.0.												100.0
MEAN	39.5	43.0	49.6	58.5	65.6	72.0	74.3	73.8	69.3	56.6	48.0	41.7	57.
S D	10.944	9.961	10.229	8.564	6.272	4.292	2.614	3.147	5.748	8.703	7.284	8.661	14.
TOTAL OBS	1166	1054	1144	1080	1116	1080	1115	1116	1080	1161	1127	1115	

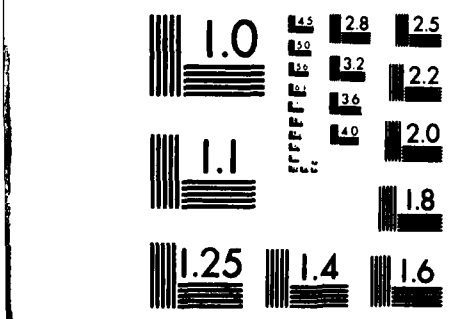
USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A110 243 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BERGSTROM AFB, AUSTIN, TEXAS REVISED UNIFORM SUMMARY OF SURFACE--ETC(U)
AUG 81

UNCLASSIFIED USAFETAC/DS-81/088 SBI-AD-E850 126 NL



10243



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13904 STATION — BERGSTROM AFB TX STATION NAME — 42-80 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
90						.9	3.9	6.9	.6				1.6
85					2.0	28.5	59.7	55.4	14.8	.5			13.3
80			.6	3.7	25.3	74.4	94.9	92.3	54.3	9.3	.2		29.3
75	.2	.5	6.4	23.2	61.3	94.8	99.9	99.1	80.8	28.9	5.6	.4	41.4
70	3.0	6.1	18.4	49.9	85.8	99.2	100.0	99.9	94.0	55.6	17.1	4.0	52.4
65	9.9	15.0	38.0	74.3	96.5	100.0		100.0	98.8	77.3	31.3	10.5	62.4
60	20.0	29.8	58.3	89.1	99.6				99.9	91.4	50.3	22.2	71.5
55	34.1	47.9	74.6	96.4	100.0				100.0	97.4	69.1	38.7	79.7
50	50.9	66.4	87.0	99.5						99.5	84.2	61.8	87.3
45	66.6	81.8	94.2	99.9						100.0	94.5	81.5	93.1
40	81.2	92.7	97.7	100.0							98.2	93.2	96.9
35	91.2	97.8	99.7								99.6	97.5	98.8
30	97.1	99.4	99.8								100.0	99.7	99.7
25	99.1	99.8	100.0									100.0	99.9
20	99.6	100.0											100.0
15	99.8												100.0
10	100.0												100.0
MEAN	49.6	53.8	60.7	68.8	75.5	81.9	84.9	84.6	79.2	70.0	59.5	52.5	68.4
S.D.	1.968	9.777	9.526	7.022	5.439	4.122	3.057	3.567	5.429	7.381	9.472	9.063	14.528
TOTAL OBS.	1166	1054	1144	1080	1116	1080	1115	1116	1080	1161	1127	1115	13354

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

...AL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1 ...4 STATION | BERGSTROM AFB TX STATION NAME | 42-8... YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42										* 87	84*	79	
43	84	83	86	90	96	99	101	104	97	86	85	81	104
44	72	80	82	90	89	96	103	101	98	92	86	73	103
45	77	81	85	88	98	96	97	104	97	91	86	78	104
46	75*	72								* 88*	85		
47	* 83	79*	86										
48	75	83	90	92	94	100	102	103	101	94	88	83	103
49	82	78	84	87	96	96	100	102	99	91	88	83	102
50	83	82	91	87	94	98	100	101	98	92	88	81	101
51	83	81	89	99	98	97	106	105	107	95	90	84	107
52	81	84	91	85	95	96	100	104	102	93	85	77	104
53	84	80	87	91	94	103	102	107	105	97	82	78	107
54	82	89	91	90	95	99	106	104	101	96	84	84	106
55	82	78	92	94	99	99	100	101	97	93	87	91	101
56	82	85	91	91	96	103	103	104	103	96	85	81	104
57	82	89	88	87	92	98	105	103	101	87	83	82	105
58	73	77	80	93	97	99	102	102	97	90	85	79	102
59	78	92	91	89	96	99	97	100	99	93	84	74	100
60	75	87	88	90	92	104	104	98	95	90	85	77	104
61	75	80	87	95	96	96	95	101	97	92	86	79	101
62	77	86	92	89	92	96	102	106	96	93	86	77	106
63	86	83	87	94	96	99	102	101	103	92	87	75	103
64	76	79	83	88	96	97	103	102	98	86	84	82	103
65	78	72	84	86	88	93	99	98	97	89	86	75	99
66	73	73	85	88	91	92	100	98	93	91	84	83	100
67	78	77	93	89	98	99	101	103	90	86	85	78	103
68	74	75	79	84	91	93	94	98	95	90	85	76	99
69	81	80	82	83	93	97	101	105	98	95	88	75	105
70	77	78	78	87	89	96	101	99	95	88	83	81	101
71	89	81	98	93	93	98	101	95	97	89	82	82	101
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

...4 STATION | BERGSTROM AFB TX STATION NAME | 42-84 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
7.	8?	85	91	95	91	97	* 100	96	97	92	83	81	* 1
73	78	76	85	87	93	92	95	96	96	92	86	86	96
74	8?	85	91	89	93	101	104	97	94	88	83	76	1.4
75	86	91	88	90	88	93	98	95	96	91	88	81	98
76	79	84	92	86	90	97	95	100	94	96	77	74	100
77	81	86	87	89	92	95	103	101	100	95	84	83	1.1
78	81	87	85	88	95	97	106	100	94	88	86	80	106
79	71	81	81	84	88	98	98	97	93	96	81	76	98
8.	74	88	88	88	91	104	103	101	98	9?	88		
MEAN	79.?	81.8	86.9	89.3	93.3	97.6	100.7	100.9	97.7	91.3	85.2	79.7	1.2.4
S. D.	4.648	4.579	4.535	3.454	3.180	3.036	3.184	3.089	3.526	3.129	2.522	3.939	2.762
TOTAL OBS.	1166	1054	1144	1080	1116	1080	1113	1116	1080	1161	1127	1113	13354

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)



...NAL CLIMATOLOGY BRANCH
...SAFETAC
AT... WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1 - 4 STATION | BERGSTROM AFB TX STATION NAME | 42-80 YEARS

WHOLE DEGREES FAHRENHEIT

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

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible] / STATION: DEPGSTROM AFB TX / STATION NAME: 42-[illegible] / YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	19	20	35	42	55	63	65	66	53	45	32	21	19
73	15	23	42	38	47	61	66	64	55	49	36	24	15
74	26	28	33	41	61	61	69	71	50	44	30	28	26
75	19	27	34	38	58	56	69	69	52	42	28	27	19
76	20	32	35	45	49	58	70	66	53	39	27	24	20
77	21	30	33	44	58	65	69	72	66	39	32	26	21
78	21	23	26	45	46	64	71	71	60	43	38	18	18
79	18	24	34	41	49	57	70	69	56	40	23	24	18
80	28	26	19	36	55	63	70	71	66	38	30		
MEAN	20.9	26.6	31.0	41.8	52.6	62.8	69.2	67.8	56.7	42.6	31.5	25.4	18.7
S. D.	7.138	5.473	5.516	4.031	4.687	3.544	2.995	3.350	4.479	5.122	4.214	4.167	6.203
TOTAL OBS.	1166	1054	1144	1080	1116	1080	1115	1116	1080	1161	1127	1119	13354

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71		.5																5	5		
70/ 69		1.0	.2															11	11	9	6
68/ 67		1.0	.2															11	11	6	5
66/ 65		.8	.2															9	9	13	7
64/ 63	.4	1.1	.4	.1				.1										20	20	13	17
62/ 61	.4	1.5	.3	.2			.2											25	25	18	14
60/ 59	.5	2.7	.2	.1	.1	.3	.1											38	38	29	22
58/ 57	.4	1.5	.5	.2	.1	.1	.1											28	28	30	29
56/ 55	.6	1.5	.2	.1		.1												24	24	23	31
54/ 53	.1	1.4	.9	.5	.3		.1											31	31	17	13
52/ 51	.8	1.3	.9	.4	.2													33	33	27	17
50/ 49	.5	1.3	1.5	.5	.1	.3	.1											41	41	32	27
48/ 47	.1	2.5	2.3	1.0	.2	.1	.2											59	59	41	19
46/ 45	1.3	2.2	1.5	.6	.4	.1												57	57	53	44
44/ 43	1.2	2.9	1.0	.8	.3													57	57	65	37
42/ 41	.5	2.0	1.7	1.5	.8													61	61	48	51
40/ 39	1.0	2.9	2.3	1.7	.4													77	77	54	60
38/ 37	1.3	2.4	2.4	1.3	.3													71	71	62	40
36/ 35	.4	3.9	1.7	.1	.3													60	60	81	58
34/ 33	.8	2.2	1.4	.8	.2													49	49	81	45
32/ 31	1.3	2.7	1.6	1.6	.1													68	68	73	58
30/ 29	.2	1.5	1.0	.3														28	28	26	70
28/ 27	.2	1.1	1.1	.1														23	23	42	56
26/ 25		1.2	.9	.3														22	22	34	41
24/ 23		.6	.4															10	10	23	23
22/ 21	.2	.6																8	8	18	30
20/ 19		.3																3	3	9	26
18/ 17		.1																1	1	2	22
16/ 15																				1	21
14/ 13																					16
12/ 11																					8
10/ 9																					7
8/ 7																					4
2/ 1																					2

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

FORM 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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1																					1
TOTAL	12.4	44.5	24.7	12.4	4.0	1.1	.9	.1											930		93
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6039660	73446	79.0	16.050	930							
Dry Bulb	1869052	40376	43.4	11.180	930		16.3	2.7				93
Wet Bulb	1666975	37919	40.8	11.408	930		22.8	1.5				93
Dew Point	1439051	34293	36.9	13.706	930	.1	38.5	1.4				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.3																3	3		
70/ 69		.9	.3															11	11	9	7
68/ 67		.9	.3															11	11	3	5
66/ 65	.1	1.1																11	11	14	1[illegible]
64/ 63	.2	1.1	.5															17	17	17	16
62/ 61	.8	1.7	.1					.3										27	27	21	16
60/ 59	.6	1.0	.4	.3		.1	.1	.1										25	25	27	26
58/ 57	1.0	1.0	.2		.1	.1	.1											23	23	14	25
56/ 55	.2	1.1	.1		.4	.3												20	20	13	8
54/ 53	.3	1.7		.2	.2	.1												24	24	21	14
52/ 51	.9	1.8	.3	.5	.1													34	34	25	22
50/ 49	.6	1.6	1.1	.4														35	35	23	26
48/ 47	.6	3.2	1.1	.1	.4		.1											52	52	47	25
46/ 45	1.8	2.0	2.0	.5	.3	.2												65	65	65	47
44/ 43	.5	2.9	1.5	1.0	.1													56	56	39	30
42/ 41	.6	3.0	.8	1.3	.4													57	57	61	34
40/ 39	1.0	2.3	2.3	.6	.6													63	63	49	47
38/ 37	1.7	2.7	1.9	1.4	.2													74	74	61	58
36/ 35	1.8	3.3	1.2	.3	.1													63	63	80	64
34/ 33	.8	3.0	1.5	.5	.2													56	56	61	47
32/ 31	1.2	4.0	1.5	.5	.1													68	68	83	51
30/ 29	.5	2.0	1.4	.3														40	40	47	71
28/ 27	.5	1.8	1.1	.3														35	35	43	61
26/ 25	.3	1.0	.8	.1														20	20	40	52
24/ 23		.6	.5	.2														13	13	27	23
22/ 21	.5	.9	.1	.1														15	15	18	28
20/ 19		.8																7	7	9	36
18/ 17		.5																5	5	9	11
16/ 15																				4	24
14/ 13																					19
12/ 11																					13
10/ 9																					4
8/ 7																					2
6/ 5																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
4/ 3																					3
-2/ -3																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	16.8	48.2	21.1	8.9	3.4	.9	.3	.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.	6268371	74929	80.6	15.783	930							
Dry Bulb	1765404	39098	42.0	11.445	930		20.3	2.5				93
Wet Bulb	1590726	36922	39.7	11.594	930		28.0	1.2				93
Dew Point	1387247	33551	36.1	13.797	930	.3	40.3	1.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73			.1															1	1		
70/ 69	.1	.8	.1															9	9	4	3
68/ 67	.1	.8	.2															10	10	6	7
66/ 65		2.0																19	19	12	7
64/ 63	.2	.8	.5															14	14	24	22
62/ 61	.3	1.2						.1										15	15	8	11
60/ 59	.9	1.4	.3															24	24	30	21
58/ 57	.3	1.4	.1			.1												18	18	18	3
56/ 55	.1	.3	.3		.1	.1	.2											11	11	6	4
54/ 53		1.2	.2		.3	.3	.1											20	20	10	9
52/ 51	.5	1.9	.6	.2	.5	.1												37	37	18	10
50/ 49	1.3	1.6	.9	.3	.3	.3												44	44	32	34
48/ 47	1.0	3.2	.6	.6														51	51	37	23
46/ 45	.5	2.6	1.9	.6														53	53	53	37
44/ 43	.8	3.1	1.2	.5	.3	.1												56	56	60	35
42/ 41	.9	2.8	.9	1.0	.2													53	53	58	41
40/ 39	.5	2.8	1.2	.5	.5													52	52	46	48
38/ 37	2.3	3.2	1.9	.6	.5													80	80	60	57
36/ 35	.5	4.4	1.5	1.0														69	69	66	48
34/ 33	1.0	3.4	2.2	.3	.2													66	66	74	53
32/ 31	1.3	3.8	1.5	.5														66	66	76	71
30/ 29	.6	1.9	1.7	.3														43	43	67	61
28/ 27	.4	3.3	1.7	.1														52	52	37	53
26/ 25	.2	.8	1.0	.4														22	22	55	51
24/ 23	.2	.8	.3															12	12	24	26
22/ 21	.3	.8	.2	.2														14	14	21	36
20/ 19		1.1		.1														11	12	8	37
18/ 17		.5																5	5	11	19
16/ 15		.2																2	2	7	24
14/ 13																				1	26
12/ 11																					9
10/ 9																					4
8/ 7																					3
6/ 5																					3

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

FORM 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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 3																					3
-4/ -5																					3
TOTAL	14.4	52.1	21.3	7.5	3.1	1.1	.3	.1										929	930	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6332457	75337	81.1	15.502	929							
Dry Bulb	1682213	38103	41.0	11.417	930		22.8	2.0	.1			9
Wet Bulb	1521259	36 25	38.8	11.572	929		30.7	1.0				3
Dew Point	1329598	32746	35.2	13.746	929	.3	42.9	1.0				5

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

 0900-11 HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
76/ 75				.1	.1													2	2		
74/ 73			.1	.2						.1								4	4		
72/ 71		.6	.3	.2	.1				.1	.1								14	14	2	
70/ 69	.1	.2	.6	.3				.1										13	13	9	
68/ 67		.8	1.1	.3	.1		.1	.1	.2									25	25	9	
66/ 65		1.3	.9		.1	.1	.2	.4	.2									30	30	20	
64/ 63	.3	.4		.3	.1	.2	.1	.1										15	15	23	
62/ 61	.1	1.5	.1	.1	.1	.2	.1											21	21	16	
60/ 59	.3	1.8	.3	.3	.4	.2	.1	.2										35	35	21	
58/ 57	.1	1.4	.3	.4	.4	.4	1.0											38	38	28	
56/ 55		1.2	.5	.9	.4	.8	.5	.2										42	42	25	
54/ 53	.1	1.1	.5	.8	.4	.8	.3											37	37	33	
52/ 51	1.0	1.5	1.1	.4	.3	.2	.5											47	47	41	
50/ 49	.4	1.1	.6	.9	.4	.9	.2											42	42	35	
48/ 47	.5	3.0	1.1	1.4	.9	.5												69	69	54	
46/ 45	.3	1.9	1.3	1.2	.3	.4	.1											52	52	57	
44/ 43	.4	1.1	1.6	.9	.2	.3	.1											43	43	52	
42/ 41	.5	2.4	1.2	1.2	1.1	.5												64	64	61	
40/ 39	.5	3.3	1.3	.9	1.0	.1												66	66	68	
38/ 37	1.2	2.8	.9	1.1	.5													60	60	76	
36/ 35	.6	2.4	.5	.4	.4													41	41	56	
34/ 33	1.4	1.0	1.4	1.4	.4													52	52	59	
32/ 31	.3	1.1	1.1	1.5	.3	.1												41	41	41	
30/ 29		1.4	.8	.9														28	28	34	
28/ 27	.4	1.6	1.5	.2	.1													36	36	44	
26/ 25		.5	.1	.2														8	8	48	
24/ 23			.2															2	2	17	
22/ 21			.1															1	1	4	
20/ 19		.1																1	1	3	
18/ 17																				1	
16/ 15		.1																1	1	1	
14/ 13																					
12/ 11																					
10/ 9																					

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1'404 (STATION) BERGSTROM AFB TX (STATION NAME) 69-72,73-80 (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
8/ 7																					2
6/ 5																					3
4/ 3																					1
-4/ -5																					2
TOTAL	8.8	35.6	19.6	16.5	8.4	5.8	3.4	1.2	.5	.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.	5289382	67620	72.7	20.031	930							
Dry Bulb	2112158	42946	46.2	11.783	930		11.8	5.8	.6			93
Wet Bulb	1782496	39298	42.3	11.456	930		19.3	2.0				93
Dew Point	1455906	34330	36.9	14.250	930	.3	35.1	1.1				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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.1				.1	.1		.1				4	4		
80/ 79									.1	.1	.1	.1	.1					5	5		
78/ 77				.1	.4	.5	.3		.1	.1	.2	.1						18	18		
76/ 75				.1	.6	.8	.2	.3		.2		.1	.1					23	23		
74/ 73		.1	.4	.3	.5	.3	.4	.2		.1		.2						25	25		
72/ 71		.1	.3	.9	.6	.2	.4	.4	.9	.2								38	38	3	2
70/ 69			1.2	.4	.3	.9	.4	.2	.8		.1							40	40	13	1
68/ 67		.3	.8		.4	.5	.4	.4	.1	.2	.5							35	35	18	7
66/ 65		.1	.3	.1	1.0	.1	.3	.5	.3	.5								31	31	42	15
64/ 63	.1	.6	.5	.3	.2	.2	.5	.9	.5	.2								39	39	20	23
62/ 61		.8	.8	.4	.2	.1	1.3	.2	.4	.1								40	40	27	30
60/ 59		.5	.6	.4	.2	.2	.5	.8	.6	.2								39	39	37	23
58/ 57		.8	.9	.2	.3	1.0	.6	.6	.3									44	44	39	18
56/ 55		.3	.8	.3	.5	.8	1.1	.4										39	39	43	20
54/ 53		.8	.4	.6	.8	.8	.6											37	37	31	27
52/ 51		.4	.5	.5	.2	.5	.3	.3										27	27	36	33
50/ 49	.1	.4	1.0	1.1	.2	.6	.5	.4										41	41	46	32
48/ 47	.8	1.6	1.0	1.4	1.4	.8	1.0	.1										74	74	59	28
46/ 45	.5	.3	.6	.5	.9	1.0	.8											43	43	66	35
44/ 43	.1	.9	1.2	.3	.5	.8	.3											38	38	53	29
42/ 41	.4	1.8	.1	1.1	.3	.9												43	43	64	38
40/ 39	1.4	1.3	.2	.8	.8	1.0												50	50	53	61
38/ 37	1.2	1.3	.9	.5	1.5	.2	.1											53	53	56	59
36/ 35	.2	1.0	1.0	.5	1.4													38	38	50	57
34/ 33	.1	.9	.6	.6	.4	.1												26	26	49	38
32/ 31	.2	.5	.4	.3														14	14	33	42
30/ 29	.3	.9	.8															18	18	48	46
28/ 27		.5	.3															8	8	28	43
26/ 25																				15	49
24/ 23																				1	21
22/ 21																					25
20/ 19																					30
18/ 17																					20
16/ 15																					29

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL 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				
14/ 13																					25
12/ 11																					13
10/ 9																					2
8/ 7																					5
6/ 5																					1
4/ 1																					1
2/ -1																					1
-2/ -3																					1
TOTAL	5.5	16.2	15.6	12.0	13.9	12.2	10.4	5.9	4.2	2.0	1.1	.6	.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.	3866025	56097	60.3	22.785	930							
Dry Bulb	2769245	49221	52.9	13.294	930		4.0	18.8	7.5	.7		93
Wet Bulb	2080654	42674	45.9	11.484	930		12.5	3.4				93
Dew Point	1511000	34950	37.6	14.583	930	.2	35.4	1.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85													.1	.2				3	3		
84/ 83									.1	.1		.1	.1	.1				5	5		
82/ 81									.3		.1	.1		.1				6	6		
80/ 79						.2	.1		.3	.2	.1		.2					11	11		
78/ 77				.1	.4	.5	.3	.1	.2	.5	.1	.2	.1					25	25		
76/ 75			.2	.4	.5	1.3	.1	.2	.1	.2	.2		.1					32	32		
74/ 73				.3	.8	.5	.5	.1		.2	.2	.2						27	27		
72/ 71			.2	.6	.2	.2	1.4	.3	.5	.3	.1							37	37	5	
70/ 69			1.0	.2	.2	.5	.3	1.0	.3	.1	.1							35	35	8	3
68/ 67		.1	.4	.3	.8	1.0	.6	.8	.2	.4	.5							48	48	25	5
66/ 65		.2	.5	.2	.2	.5	.2	.6	.4	.5	.3							36	36	39	8
64/ 63	.1	.9	.5	.4		.6	.4	1.4	.2	.3	.2							48	48	23	24
62/ 61		.4	.5	1.2	.3	.1	.4	.3	.2	.4								37	37	37	23
60/ 59		.2	.5	.2	.6	.5	.2	.8	.8									36	36	47	29
58/ 57		.5	.1	.2	.5	.5	.5	1.4	.3									39	39	33	26
56/ 55			.3	.3	.4	.4	1.4	1.1	.2									39	39	54	19
54/ 53		.8		1.0	.4	.5	.6	.4										35	35	30	35
52/ 51	.2	.5	.2	.6	.9	.8	.4	.6	.2									42	42	38	32
50/ 49	.2	1.4	.4	.8	.4	.5	.5	.4										44	44	45	22
48/ 47	.5	1.2	.5	.8		1.0	1.0	.4										50	50	59	36
46/ 45	.5	.8	.6	.5	1.3	.9	1.0											52	52	64	46
44/ 43	.3	.9	.9	.4	.4	.5	.2											34	34	68	28
42/ 41	.1	2.3	.4	.8	.5	1.2	.3											52	52	49	48
40/ 39	.5	1.1	.2	.5	1.3	.2	.2											38	38	50	43
38/ 37	.6	1.3		1.4	1.0													40	40	62	62
36/ 35	.2	1.3	.6	.9	.1													29	29	45	50
34/ 33	.1	.5	1.0	.3	.1													19	19	48	35
32/ 31	.5	.8	.5	.2														19	19	47	46
30/ 29	.1	.5	.3															9	9	33	43
28/ 27		.1	.2															3	3	16	40
26/ 25																				5	45
24/ 23																					28
22/ 21																					41
20/ 19																					34

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

1[illegible]04	BERGSTROM AFB TX	69-70,73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 17																					[illegible]
16/ 15																					25
14/ 13																					17
12/ 11																					12
[illegible]/ 9																					6
8/ 7																					1
6/ 5																					2
4/ 3																					1
TOTAL	4.2	15.7	10.4	12.8	11.5	12.7	11.0	10.0	4.5	3.4	2.0	.6	.6	.4				930	930	930	93[illegible]

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.	3524605	53055	57.0	23.151	930							
Dry Bulb	2982868	51138	55.0	13.565	930		3.1	22.9	10.9	2.0		93
Wet Bulb	2164242	43628	46.9	11.250	930		10.1	3.8				9[illegible]
Dew Point	1517511	35131	37.8	14.317	930		35.6	.8				93

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 — STATION
BERGSTROM AFB TX — 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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					.1	.1				.1								3	3		
74/ 73			.2	.3	.3		.1		.1		.1							11	11		
72/ 71		.1	.5	.2	.2		.1	.2			.1							14	14		
70/ 69			.3	.3	.3	.2		.2			.1							14	14	6	4
68/ 67	.1	.1	.9	1.1	.9	.2	.1	.1		.2								34	34	10	5
66/ 65		.3	1.0	.4	.5	.2	.8	.3										33	33	10	6
64/ 63	.1	1.5	.2	1.1	.1	.5		.2										35	35	25	19
62/ 61	.1	1.2	1.0	.9	.3	.6	.3	.2	.1									44	44	33	19
60/ 59		1.0	1.5	.6	.5	.8	.2	.4	.2									49	49	37	31
58/ 57	.1	.8	.6	.8	1.0	.3	.3		.2									38	38	31	25
56/ 55		.5	.6	.5	1.2	.8	.5	.2										41	41	37	33
54/ 53	.2	.8	.8	1.2	1.0	.6	.9	.4										54	54	39	36
52/ 51	.1	1.3	1.3	.5	.4	.8	.6											47	47	38	21
50/ 49	.1	.6	1.2	1.3	.8	1.1	.4	.1										52	52	51	21
48/ 47	.5	1.4	.3	1.1	.6	.6	.2	.1										46	46	55	39
46/ 45	.6	2.4	.6	1.5	1.4	.6	.2	.1										70	70	60	48
44/ 43	.4	.9	1.3	.4	.5	1.2	.3											47	47	60	45
42/ 41		2.5	1.4	1.0	.5	.6	.1											57	57	43	49
40/ 39	.8	.8	1.1	.9	1.5	.3												49	49	88	35
38/ 37	1.3	2.0	.8	1.5	.5	.2												59	59	55	48
36/ 35	.1	1.6	.6	.8	.3	.1												33	33	57	64
34/ 33	.6	.9	1.8	.8	.2													40	40	56	53
32/ 31	.6	1.2	1.3	.6	.1													36	36	51	53
30/ 29	.3	.2	.6	.3														14	14	44	30
28/ 27		.3	.3	.1														7	7	21	58
26/ 25		.1																1	1	19	42
24/ 23																				4	22
22/ 21																					36
20/ 19																					39
18/ 17																					27
16/ 15																					13
14/ 13																					12
12/ 11																					7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
9																					6
7																					5
5																					1
TOTAL	6.2	22.4	20.3	18.2	13.4	10.0	5.4	2.7	.6	.4	.3								930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4580921	62479	67.2	20.317	930							
Dry Bulb	2402281	46045	49.5	11.486	930		5.8	7.8	1.6			93
Wet Bulb	1933602	41208	44.3	10.767	930		13.9	1.6				93
Dew Point	1504092	35202	37.9	13.593	930		33.8	.7				93

USAFETAC FORM AM 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
JAN — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL 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		.8	.1																8	8		
70/ 69		.6	.2		.1														9	9	8	5
68/ 67	.3	.9	.3	.1															15	15	11	12
66/ 65		.9	.5	.2						.1									16	16	12	8
64/ 63	.3	.8	.4	.2		.2													18	18	13	15
62/ 61	.4	1.7	.4	.4	.1	.1		.2											32	32	23	17
60/ 59	.1	2.5	1.4	.5	.2	.2													46	46	20	15
58/ 57	.2	2.2	1.1	.3	.3		.1												39	39	41	28
56/ 55	.1	.5	.6	.5	.6	.1	.2												26	26	32	36
54/ 53	.2	1.0	.9	.8	1.2	.2													39	39	22	18
52/ 51	.3	1.9	1.4	.6	.8		.2												49	49	26	23
50/ 49	.5	1.3	2.2	.8	.3	.4	.2												53	53	40	29
48/ 47	.4	2.3	1.4	1.2	.6	.6	.1												62	62	58	26
46/ 45	1.0	1.9	1.4	.9	.9	.2													58	58	66	52
44/ 43	.5	2.2	1.5	1.4	1.3														64	64	52	48
42/ 41	.1	2.4	1.3	1.1	.8	.1													53	53	45	40
40/ 39	.6	1.9	2.2	1.1	1.0	.2													65	65	60	52
38/ 37	1.7	1.8	1.9	1.0	.6	.2													68	68	79	44
36/ 35	.1	3.1	2.2	1.2	.3														64	64	73	49
34/ 33	.5	1.8	1.7	.4	.1														43	43	65	54
32/ 31	1.0	1.7	1.5	.8	.2														48	48	56	73
30/ 29		.8	1.1	.1	.1														19	19	50	45
28/ 27		1.0	1.0	.2	.1														21	21	28	42
26/ 25		.4	.5																9	9	22	48
24/ 23		.2	.1																3	3	17	25
22/ 21		.2																	2	2	9	31
20/ 19		.1																	1	1	1	29
18/ 17																					1	28
16/ 15																						11
14/ 13																						12
12/ 11																						6
10/ 9																						6
8/ 7																						2
4/ 3																						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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX 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
21																					1
TOTAL	8.6	36.8	27.3	13.8	9.7	2.7	.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.	5561648	70086	75.4	17.357	930							
Dry Bulb	2046488	42444	45.6	10.852	930		10.3	3.2				93
Wet Bulb	1774119	39311	42.3	11.002	930		18.4	1.9				93
Dew Point	1489351	35029	37.7	13.526	930		36.1	1.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL 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													.0	.0				3	3		
84/ 83									.0	.0		.0	.0	.0				5	5		
82/ 81							.0		.0		.0	.0		.0				10	10		
80/ 79						.0	.0		.1	.0	.0	.0	.0					16	16		
78/ 77				.0	.1	.1	.1	.0	.0	.1	.0	.0	.0					45	45		
76/ 75			.0	.1	.2	.3	.0	.1	.0	.1	.0	.0	.0					60	60		
74/ 73		.0	.1	.1	.2	.1	.1	.0	.0	.1	.0	.1						68	68		
72/ 71		.3	.2	.2	.1	.1	.2	.1	.2	.1	.0							119	119	10	2
70/ 69	.3	.4	.5	.2	.1	.2	.1	.2	.1	.0	.0							142	142	66	31
68/ 67	.1	.6	.5	.2	.3	.2	.2	.2	.1	.1	.1							189	189	88	54
66/ 65	.0	.8	.4	.1	.2	.1	.2	.2	.1	.1	.0							185	185	162	78
64/ 63	.2	.9	.4	.3	.1	.2	.1	.3	.1	.1	.0							206	206	158	153
62/ 61	.3	1.3	.4	.4	.1	.1	.3	.2	.1	.1								241	241	183	146
60/ 59	.3	1.4	.7	.3	.3	.3	.2	.3	.2	.0								292	292	248	194
58/ 57	.3	1.2	.5	.3	.3	.3	.3	.3	.1									267	267	226	196
56/ 55	.1	.7	.4	.3	.5	.4	.5	.2	.0									242	242	233	164
54/ 53	.1	1.1	.5	.6	.6	.4	.3	.1										277	277	203	170
52/ 51	.5	1.3	.8	.5	.4	.3	.3	.1	.0									316	316	249	184
50/ 49	.5	1.2	1.1	.8	.3	.5	.3	.1										352	352	304	215
48/ 47	.6	2.3	1.0	.9	.5	.5	.3	.1										463	463	410	224
46/ 45	.8	1.8	1.3	.8	.7	.4	.3	.0										450	450	484	349
44/ 43	.5	1.8	1.3	.7	.5	.4	.1											395	395	449	303
42/ 41	.4	2.4	1.0	1.1	.6	.4	.1											440	440	429	334
40/ 39	.8	2.0	1.3	.9	.9	.2	.0											460	460	468	389
38/ 37	1.4	2.2	1.3	1.1	.7	.1	.0											505	505	511	430
36/ 35	.5	2.6	1.2	.6	.4	.0												397	397	508	452
34/ 33	.7	1.7	1.5	.6	.2	.0												351	351	493	394
32/ 31	.8	2.0	1.2	.8	.1	.0												360	360	460	461
30/ 29	.3	1.2	1.0	.3	.0													199	199	349	396
28/ 27	.2	1.2	.9	.1	.0													185	185	259	377
26/ 25	.1	.5	.4	.1														82	82	238	357
24/ 23	.0	.3	.2	.0														40	40	113	194
22/ 21	.1	.3	.1	.0														40	40	70	265
20/ 19		.3		.0														23	24	30	259

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 (STATION) BERGSTROM AFB TX (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		.1																11	11	24	163
16/ 15		.0																3	3	13	17
14/ 13																				1	145
12/ 11																					83
10/ 9																					41
8/ 7																					25
6/ 5																					12
4/ 3																					1[illegible]
2/ 1																					4
0/ -1																					2
-2/ -3																					2
-4/ -5																					6
-6/ -7																					1
-8/ -9																					1
TOTAL	9.6	33.9	20.0	12.8	8.4	5.8	4.1	2.6	1.2	.8	.4	.2	.1	.1				7439	7440	7439	7439

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.	41463069	533049	71.7	20.958	7439							
Dry Bulb	17629709	349371	47.0	12.826	7440		94.4	65.7	20.7	2.7		744
Wet Bulb	14514073	316985	42.6	11.635	7439		155.7	16.4				744
Dew Point	11633756	275232	37.0	13.965	7439	1.2	297.7	8.7				744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71			.2															2	2		
70/ 69			.4															3	3		
68/ 67		.6	.5							.1								10	10	2	
66/ 65		2.2	1.3	.1						.1								32	32	10	9
64/ 63		1.9	.5							.1								21	21	30	9
62/ 61		2.1	.5	.1	.1	.1												25	25	25	34
60/ 59	.4	2.0	.9	.1	.2	.1	.1											33	33	24	24
58/ 57	.4	1.7	.6	.1	.6	.2	.2											32	32	28	27
56/ 55	.1	2.6	1.5	.2	.6	.4	.1	.1										48	48	22	24
54/ 53	.6	1.8	1.3	.4	.5	.1	.4											42	42	37	30
52/ 51	2.1	1.4	1.7	1.1	1.2	.1	.4											67	67	47	41
50/ 49	1.3	2.5	1.7	1.8	.8		.2											70	70	48	31
48/ 47	.6	3.0	.9	2.7	.8	.1	.2	.1										72	72	64	46
46/ 45	.8	1.3	3.7	.9	.7	.5	.1											68	68	52	35
44/ 43	.2	2.4	2.1	.9	.6													53	53	67	37
42/ 41	.8	1.7	2.0	1.5	.2													53	53	77	41
40/ 39	.4	2.1	2.5	.5	.2													48	48	52	40
38/ 37	.4	2.2	1.3	.5	.5													41	41	≤4	67
36/ 35	.8	2.1	.8	1.1	.2													43	43	73	60
34/ 33	.2	1.4	1.1	.7														29	29	34	62
32/ 31		2.7	.8	.1														31	31	23	52
30/ 29	.2	1.4	.6															19	19	44	44
28/ 27	.2	.1																3	3	27	22
26/ 25		.1																1	1	5	33
24/ 23																				1	17
22/ 21																					21
20/ 19																					17
18/ 17																					12
16/ 15																					8
14/ 13																					3
TOTAL	9.6	39.4	26.8	12.9	7.3	1.7	1.8	.2		.4								846	846	846	846

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.	5344130	65758	77.7	16.601	846							
Dry Bulb	1991128	40218	47.5	9.682	846		5.4	1.5				84
Wet Bulb	1744485	37503	44.3	9.850	846		9.9	.2				84
Dew Point	1500883	34151	40.4	12.030	846		22.7					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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 69			.4															3	3		
[illegible] / 67		.5																4	4		
66 / 65	.1	2.7	1.2															34	34	15	12
[illegible] / 63	.5	.8	.5															15	15	24	12
[illegible] / 61	.4	2.0	.5							.1								25	25	19	24
[illegible] / 59	.6	2.1	.2	.1		.1			.1									28	28	33	2[illegible]
[illegible] / 57	.4	1.7		.1	.1	.2	.4	.1										25	25	19	36
56 / 55	1.3	2.4	.5	.1		.4												39	39	26	26
[illegible] / 53	.5	1.8	.1	.1	.6	.4												29	29	28	2[illegible]
[illegible] / 51	1.9	1.7	1.5	.4	.7	.4												55	55	32	34
50 / 49	2.4	2.1	2.0	.6	.9	.4	.2											73	73	44	37
48 / 47	.5	2.5	1.2	.9	.6	.5												52	52	47	29
46 / 45	.7	2.7	2.1	.7	.2	.4												58	58	50	27
[illegible] / 43	1.5	3.2	2.5	.4	.7	.4												73	73	69	43
42 / 41	.7	2.0	1.7	1.2	.7													53	53	76	51
[illegible] / 39	.7	3.5	2.0	.5														57	57	53	42
38 / 37	.7	2.2	2.0	.5														46	46	59	57
36 / 35	1.3	3.2	2.0	1.1	.1													65	65	65	71
34 / 33	.4	2.2	.5	.7														32	32	61	52
[illegible] / 31	.1	3.3	1.2	.7														45	45	37	38
[illegible] / 29		1.2	.5	.2														16	16	40	57
[illegible] / 27		1.2	.5															14	14	22	38
[illegible] / 25		.5																4	4	21	33
[illegible] / 23		.1																1	1	6	21
[illegible] / 21																					21
[illegible] / 19																					17
18 / 17																					[illegible]
16 / 15																					9
14 / 13																					[illegible]
12 / 11																					1
TOTAL	14.5	45.6	22.9	8.3	4.7	3.0	.6	.1	.1	.1								846	846		846
																				846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5709705	68147	80.6	16.148	846							
Dry Bulb	1853758	38702	45.7	9.926	846		7.9	.7				[illegible]
Wet Bulb	1657826	36450	43.1	10.169	846		12.5					[illegible]
Dew Point	1454335	33519	39.6	12.225	846		25.1					[illegible]

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

1234	BERGSTROM AFB TX	69-70,73-80	FEB
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
≥ 67		.6	.1															6	6		
66/ 65		2.4	.6		.1		.1											27	27	11	6
64/ 63		2.4	.7					.1		.1								28	28	19	9
62/ 61	.7	1.8	.6		.1													27	27	32	31
60/ 59	.5	2.1	.1															23	23	33	27
58/ 57	.2	2.1						.1										21	21	18	33
56/ 55	1.4	1.1	.2				.2											25	25	28	29
54/ 53	.4	1.7	.4	.7	.2	.4	.1											32	32	20	15
52/ 51	1.7	2.1	1.7	.1	.2	.2	.2											53	53	27	3
50/ 49	1.7	2.0	1.7	.6	.2	.1	.4											56	56	44	31
48/ 47	.9	2.6	.2	1.1	.2													43	43	47	33
46/ 45	.4	2.8	1.1	1.5	.2	.5												55	55	35	24
44/ 43	1.1	3.8	2.6	.7	.5	.1												74	74	55	46
42/ 41	1.4	3.0	1.3	.6	.2	.4												58	58	67	50
40/ 39	1.1	2.7	1.5	1.1	.2													56	56	69	43
38/ 37	.8	4.5	1.4	1.2	.2													69	69	58	42
36/ 35	1.7	3.2	2.0	.2														60	60	80	63
34/ 33	.2	3.2	.9	.7														43	43	53	63
32/ 31	.1	3.7	1.4	.6														49	49	53	47
30/ 29	.2	.9	.7															16	16	46	46
28/ 27	.2	.9	.7															16	16	22	59
26/ 25	.1	.2	.1															4	4	20	45
24/ 23		.6																5	5	8	5
22/ 21																				1	15
20/ 19																					22
18/ 17																					17
16/ 15																					4
14/ 13																					3
TOTAL	14.8	50.4	20.1	9.1	2.6	1.7	1.1	.2		.1								846	846		846
																				846	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5859636	69182	81.8	15.471	846
Dry Bulb	1793176	37992	44.9	10.149	846
Wet Bulb	1617555	35943	42.5	10.348	846
Dew Point	1430651	33207	39.3	12.27	846

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		8.9	.6				84
Wet Bulb		14.9					84
Dew Point		26.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-8[illegible] YEARS | FEB MONTH

PAGE 1 | [illegible]900-11[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77											.1		.1	.1				3	3		
76/ 75					.1													1	1		
74/ 73						.1	.1				.1	.1						4	4		
72/ 71			.4	.2	.2	.2			.1	.1			.1					12	12		
70/ 69			.8	.7	.7	.4			.2	.1	.1							26	26		
68/ 67	.1	.4	1.2	.8	.6	.5	.1	.1	.1			.1						34	34	6	2
66/ 65		.8	1.9	1.2	.8	.2	.1	.4	.2	.2	.1							51	51	16	8
64/ 63	.2	1.2	.8	.5	.2		.4	.2	.4	.2								35	35	36	8
62/ 61	.4	1.9	.4	.8	.4	.5		.4	.1									40	40	44	37
60/ 59	.1	1.4	1.2	1.2	.2	.5	.7	.6										50	50	36	4[illegible]
58/ 57	.1	1.4	.5	.6	.1	.7	.6	.1	.6									40	40	38	29
56/ 55	.4	1.4	.9	.7	.7	.9	.7	.1										50	50	36	4[illegible]
54/ 53	.9	1.2	1.2	.6	.5	.9	.5	.5										53	53	44	35
52/ 51	.8	1.1	1.9	.6	1.4	.7	.1											56	56	44	34
50/ 49	.9	1.2	1.8	.7	.6	.5	.5	.1										53	53	48	37
48/ 47	.4	1.9	.4	.9	1.4	.9	.1											51	51	70	3[illegible]
46/ 45	.5	1.7	1.2	2.4	.7	.6	.1											60	60	56	4[illegible]
44/ 43	1.2	1.2	1.4	.8	.7	.2												47	47	66	44
42/ 41	.4	1.8	.7	.9	.5	.1												37	37	61	37
40/ 39	.2	1.1	1.1	.7	.4													29	29	51	35
38/ 37	.9	2.5	.7	.6	.5													44	44	56	5[illegible]
36/ 35	.8	1.1	.6	.2	.1													24	24	49	56
34/ 33		.8	.7	.7														19	19	23	64
32/ 31		1.5	.6	.1														19	19	28	38
[illegible]/ 29		.2	.4															5	5	3[illegible]	4[illegible]
28/ 27		.4																3	3	14	33
26/ 25																				4	27
24/ 23																					22
22/ 21																					1[illegible]
20/ 19																					24
18/ 17																					15
16/ 15																					5
14/ 13																					1
12/ 11																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
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 (10L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	8.4	26.0	20.6	16.1	10.9	8.0	4.0	2.5	1.8	.7	.5	.2	.2	.1				846	846	846	846

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.	4581275	59713	70.6	20.828	846							
Dry Bulb	2366229	43809	51.8	10.749	846		2.7	7.9	.8			84
Wet Bulb	1940137	39631	46.8	9.948	846		6.6	.6				84
Dew Point	1571016	34872	41.2	12.574	846		21.6	.2				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]8/ 87											.1			.1				2	2		
[illegible]6/ 85													.1		.2			3	3		
[illegible]4/ 83									.1	.1	.1		.1					4	4		
[illegible]2/ 81								.2	.2				.2	.4				9	9		
[illegible] / 79							.4	.5	.1				.4	.1				12	12		
7[illegible]/ 77					.1	.4	.9	.4	.4		.1	.4	.2					24	24		
[illegible]6/ 75				.1	.6	.9	.6	.5	.4		.5	.1	.2	.4				36	36		
[illegible]4/ 73			.1		.6	1.3	1.1	.4	.1	.4	.2		.1					36	36		
[illegible]2/ 71			.4	.7	.9	.7	1.3	.2	.5	1.1	.1	.6						55	55		
[illegible]0/ 69		.4	.6	.5	.7	.8	1.1	.2	.6	.5	.2	.2						49	49	3	
68/ 67			.2	.7	.8	.4	.9	.1	.6	.6	.2							39	39	27	5
66/ 65		.1	.2	1.2	.8	.7	.5	.5	.7	.7	.1							47	47	48	4
64/ 63	.4	.2	.6	.8	.5	.4	.4	1.2	.9	.6								50	50	34	16
62/ 61	.2	.4	.7	1.3	.7	.6	.2	.7	1.1	.6								55	55	47	24
[illegible]0/ 59		1.2	.4	.7	.8	.4	.9	.2	.6	.2								46	46	50	38
[illegible]8/ 57		.5	.1	.4	.8	.5	.8	1.2	.2									38	38	52	37
56/ 55	.5	.2	.8	.5	.6	.7	.8	.5	.2									41	41	58	43
[illegible]4/ 53	.4	.4	.5	.2	.8	.9	.5	.4	.1									35	35	43	48
[illegible]2/ 51	.8	.5	.7	.8	1.3	.9	.9	.2										53	53	57	41
50/ 49	.2	.7	.4	.8	.1	.4	.7	.1										29	29	53	39
[illegible]6/ 47	.4	.7	.8	.6	.5	.4	.4											31	31	59	34
[illegible]6/ 45	.7	.5	.7	.4	.6	.5												28	28	63	34
[illegible]4/ 43	.8	.7	.6	.4	.8	.4												31	31	68	3[illegible]
[illegible]2/ 41	.1	1.7	.5	.5	.2	.2												27	27	39	29
[illegible]0/ 39	.6	.5		.5	.4													16	16	42	48
38/ 37		.7	.5	.4	.2													15	15	29	44
[illegible]6/ 35	.7	.5	.4	.6														18	18	25	5[illegible]
34/ 33		.5	.1	.4														8	8	16	51
[illegible]2/ 31	.2	.4																5	5	17	34
[illegible]0/ 29		.1																1	1	12	35
[illegible]8/ 27	.1	.2																3	3	4	34
[illegible]6/ 25																					34
24/ 23																					2[illegible]
22/ 21																					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

13904	BERGSTROM AFB TX	69-70,73-80	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																					26
18/ 17																					13
16/ 15																					8
14/ 13																					1
TOTAL	6.1	10.9	9.2	12.3	13.0	11.3	12.4	7.4	6.9	4.7	1.8	1.3	1.4	.9	.2			846	846	846	846

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3182567	48005	56.7	23.296	846							
Dry Bulb	3096768	50104	59.2	12.374	846		.9	26.7	12.5	2.4		84
Wet Bulb	2232878	42660	50.4	9.834	846		3.3	3.0				84
Dew Point	1591187	35037	41.4	12.878	846		22.6	.5				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87														.2				2	2		
86/ 85									.1	.2	.1		.1	.4	.2			10	10		
84/ 83									.5	.4	.2	.1		.2				12	12		
82/ 81								.2	.7		.4		.2	.2				15	15		
80/ 79						.4	.6	.9	.6	.4	.4		.5	.2	.2			35	35		
78/ 77					.4	.1	1.5	.9	.8	.2		.5	.1	.1				40	40		
76/ 75				.1	.4	.8	.6	.6	.4	.2	.1	.6	.4	.2				37	37		
74/ 73				.6	.4	.9	.9	.9	.1	.9	.5	.4	.5					52	52		
72/ 71				.5		.5	1.8	.2	.8	.8	.7	.6	.1					51	51		
70/ 69			.2	.5		.7	1.1	.8	.4	.7	.1	.2						40	40	11	
68/ 67			.1	.7	.5	.5	.9	.1	1.1	.2	.6	.1						41	41	29	2
66/ 65		.6	.1	1.5	.7	.2	.7	.2	1.2	.9	.5	.1						58	58	50	6
64/ 63		.1	.2	.6	.6	.6	.6	.4	.5	.7								36	36	40	12
62/ 61		.1	.6	.2	.6	.6	.4	.9	1.3	.4	.1							44	44	46	23
60/ 59		1.2	.5	.6		.5	1.3	1.1	.8	.1								51	51	56	33
58/ 57	.1	.5	.6	.5	.5	.5	.7	.5	.6									37	37	48	40
56/ 55	.1	.7	.2		.7	.5	.8	.4	.5									33	33	66	45
54/ 53	.5		.2	.6	.5	.9	.9	.7	.5									41	41	56	47
52/ 51	.4	.5	.9	.8	1.2		.2	.4										37	37	46	39
50/ 49	.6	.9		.6	.4	.7	.5	.1										32	32	59	47
48/ 47	.4			.4	.2	.8												15	15	64	30
46/ 45	.8	.9	1.1	.1	.6	.9												38	38	68	35
44/ 43	.2	.7	.6	.1	.6	.1												20	20	52	29
42/ 41	.2	.5	.5	.2	.1													13	13	32	37
40/ 39	.1	.4	.4	.2	.5													13	13	30	29
38/ 37	.2	.9	.4	.4	.1													17	17	31	52
36/ 35	.7	.2	.5	.1														13	13	33	57
34/ 33		.4	.2	.1														6	6	8	41
32/ 31			.2															2	2	14	52
30/ 29	.4	.2																5	5	7	32
28/ 27																				3	17
26/ 25																					42
24/ 23																					36
22/ 21																					19

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 AUG 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]04 | BERGSTROM AFB TX | 69-7[illegible],73-8[illegible] | FEB

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 19																				21
[illegible]6/ 17																				12
16/ 15																				5
[illegible]+/ 13																				4
1[illegible]/ 11																				4
TOTAL	4.7	8.9	7.6	9.5	8.7	10.3	13.6	9.5	10.8	6.3	3.7	2.6	1.9	1.7	.5			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.	2721013	43757	51.7	23.276	846							
Dry Bulb	3376295	52333	61.9	12.826	846		.7	33.3	20.2	6.1		64
Wet Bulb	2319245	43535	51.5	9.666	846		2.4	4.0				64
Dew Point	1565359	34719	41.0	12.896	846		24.0	.2				54

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

12904 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
FEB — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83										.1								1	1		
82/ 81												.1						1	1		
80/ 79								.4			.1	.2						6	6		
78/ 77						.1	.2	.1	.4			.1						8	8		
76/ 75					.2	.2	.4	.1	.1	.2		.1						12	12		
74/ 73				.1	.7	.5	.4	.5		.1	.1	.1						21	21		
72/ 71		.1	.2	.6	.8	.7	.4	.1	.4	.4	.4	.1	.2					37	37		
70/ 69			.5	.8	1.7	.4	.6	.4	.1	.4	.1	.2						43	43	1	
68/ 67		.1	.8	.8	.7	.7	.9	.1	.2	.2	.1	.2						43	43	8	1
66/ 65		.4	.7	.9	.7	.9	.4	.5	.6	.1	.2	.1						47	47	30	2
64/ 63		.4	1.3	1.2	.8	.5	.9	1.3	.2	.1	.1							58	58	40	14
62/ 61		.5	.5	.8	.6	.9	.6	.8	.7	.2								48	48	35	22
60/ 59		1.8	.9	.8	.9	.7	.7	.6	.2	.1								58	58	47	21
58/ 57		.5	.8	.4	.8	1.5	1.2	.4	.2	.1								50	50	48	55
56/ 55	.6	1.1	.5	.9	1.3	.9	.7	.4	.2									56	56	54	43
54/ 53	.6	.5	.6	.7	.9	.9	.9	.7										50	50	48	40
52/ 51	.4	.6	.7	.7	1.4	1.5	.7	.4										54	54	53	31
50/ 49	.8	1.1	.9	.9	.9	1.2	.4	.4										56	56	75	43
48/ 47	.5	.6	.5	.7	1.1	.6	.2	.1										36	36	68	45
46/ 45	.3	1.2	.6	1.1	.5	.1	.4											36	36	56	25
44/ 43		1.3	1.2	.2	.5	.5	.1											32	32	66	40
42/ 41	.4	.1	.5	.5	.5													16	16	56	49
40/ 39	.1	.5	.7	.7	.9													25	25	41	43
38/ 37	.2	.5	.6	.2	.1													14	14	33	47
36/ 35	.5	.7	.1	.2														13	13	26	47
34/ 33	.4	.7	.7															15	15	27	54
32/ 31		.5	.4															7	7	17	46
30/ 29	.2		.1															3	3	14	27
28/ 27																				2	34
26/ 25																				1	33
24/ 23																					14
22/ 21																					24
20/ 19																					18
18/ 17																					9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904	BERGSTROM AFB TX	69-70,73-80	FEB
STATION	STATION NAME	YEARS	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
16/ 15																					12
14/ 13																					3
12/ 11																					3
10/ 9																					1
TOTAL	5.1	12.9	13.8	13.5	16.2	13.0	10.0	7.1	3.4	2.1	1.2	1.4	.2					846	846	846	846

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.	3479154	51072	60.4	21.648	846							
Dry Bulb	2800742	47790	56.5	10.939	846		1.0	17.1	4.9	.4		84
Wet Bulb	2108730	41486	49.0	9.380	846		3.4	.9				84
Dew Point	1559223	34749	41.1	12.495	846		22.2	.1				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69-78,73-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 71			.4															3	3		
[illegible]/ 69		.2	.4	.4		.1	.1											16	10		
[illegible]/ 67		.7	.9	.7	.4		.1			.1								25	25	6	
6/ 65	.1	.7	1.8	.4	.1	.1	.1											28	28	9	8
4/ 63		2.2	.7	1.1	.2	.2	.2	.1	.1									42	42	27	11
[illegible]/ 61		2.1	.8	.9	.4	.4	.7	.4	.1	.1								50	50	39	16
[illegible]/ 59	.1	2.0	.7	1.1	.7	.6	.2	.2	.2									50	50	34	49
[illegible]/ 57		1.4	2.0	.4	.6	.4	.2	.1										43	43	36	33
[illegible]/ 55	.5	2.4	1.1	1.1	1.2	.5												56	56	36	31
[illegible]/ 53	.6	1.1	.9	1.4	2.[illegible]	.7	.2	.2										61	61	51	36
2/ 51	.9	1.2	1.8	1.4	1.8	.7	.1	.1										68	68	42	39
[illegible]/ 49	.5	2.5	1.7	2.7	1.2	.8	.6	.1										85	85	56	41
[illegible]/ 47	.4	.8	1.8	1.2	1.9	.2	.1											54	54	67	34
[illegible]/ 45	.8	1.3	1.4	2.0	1.2	.4												60	60	66	36
[illegible]/ 43		1.4	1.1	1.5	.4	.1												38	38	77	37
2/ 41		1.3	1.2	.9	.7	.4												38	38	52	42
[illegible]/ 39	.6	1.1	1.2	.8	.9	.1												40	40	65	59
[illegible]/ 37	.1	.9	.7	.8	.5													26	26	47	56
[illegible]/ 35	.2	.9	.9	.1														19	19	31	48
3[illegible]/ 33	.5	.7	.8	.5														21	21	36	54
[illegible]/ 31	.4	1.4	.8															22	22	30	52
[illegible]/ 29		.6	.1															6	6	29	35
[illegible]/ 27		.1																1	1	9	29
[illegible]/ 25																				1	26
[illegible]/ 23																					18
2/ 21																					2
[illegible]/ 19																					15
[illegible]/ 17																					13
1[illegible]/ 15																					7
[illegible]/ 13																					1
TOTAL	5.7	27.2	23.2	19.4	14.1	5.7	2.8	1.3	.5	.2								846	846		846
																		846		846	

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.	4622970	60622	71.7	18.170	846							
Dry Bulb	2268697	43055	50.9	9.578	846		2.9	3.8				84
Wet Bulb	1900597	39279	46.4	9.540	846		6.9	.6				54
Dew Point	1561799	34683	41.2	12.088	846		21.4					84

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

13904	BERGSTROM AFB TX	69-70,73-80	FEB
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87											.0			.0				4	4		
86/ 85									.0	.0	.0		.0	.0	.1			13	13		
84/ 83									.1	.1	.0	.0	.0	.0				17	17		
82/ 81								.1	.1		.0	.0	.1	.1				25	25		
80/ 79						.0	.1	.2	.1	.0	.1	.0	.1	.0	.0			53	53		
78/ 77					.1	.1	.3	.2	.2	.0	.0	.1	.1	.0				75	75		
76/ 75				.0	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1				86	86		
74/ 73			.0	.1	.2	.4	.3	.2	.0	.2	.1	.1	.1					113	113		
72/ 71		.0	.2	.3	.3	.3	.4	.1	.2	.3	.1	.2	.1					160	160		
70/ 69		.1	.4	.4	.4	.3	.4	.2	.2	.2	.1	.1						174	174	15	
68/ 67	.0	.4	.5	.5	.4	.3	.4	.1	.3	.2	.1	.1						202	202	78	10
66/ 65	.0	1.2	1.0	.7	.4	.3	.2	.2	.3	.3	.1	.0						324	324	189	55
64/ 63	.1	1.2	.7	.5	.3	.2	.3	.4	.3	.2	.0							285	285	250	91
62/ 61	.2	1.4	.6	.5	.4	.4	.2	.4	.4	.2	.0							314	314	287	211
60/ 59	.2	1.7	.6	.6	.4	.4	.5	.3	.3	.1								339	339	313	252
58/ 57	.1	1.2	.6	.3	.4	.5	.5	.3	.2	.0								286	286	287	290
56/ 55	.6	1.5	.7	.4	.6	.5	.4	.2	.1									348	348	326	281
54/ 53	.5	1.0	.7	.6	.8	.7	.4	.3	.1									343	343	327	271
52/ 51	1.1	1.1	1.4	.7	1.2	.6	.3	.1										443	443	348	289
50/ 49	1.0	1.6	1.3	1.1	.7	.5	.4	.1										454	454	427	306
48/ 47	.5	1.5	.7	1.1	.8	.4	.1	.0										354	354	486	281
46/ 45	.7	1.6	1.5	1.1	.6	.5	.1											403	403	446	256
44/ 43	.6	1.8	1.5	.6	.6	.2	.0											368	368	520	306
42/ 41	.5	1.5	1.0	.8	.4	.1												295	295	460	336
40/ 39	.5	1.5	1.2	.6	.4	.0												284	284	403	339
38/ 37	.4	1.8	.9	.6	.3													272	272	367	417
36/ 35	.8	1.5	.9	.5	.1													255	255	379	455
34/ 33	.2	1.2	.6	.5														173	173	258	441
32/ 31	.1	1.7	.7	.2														180	180	219	359
30/ 29	.1	.6	.3	.0														71	71	212	316
28/ 27	.1	.4	.1															40	40	103	262
26/ 25	.0	.1	.0															9	9	52	272
24/ 23		.1																6	6	15	156
22/ 21																				1	156

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | FEB MONTH

PAGE 2 | 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				
20/ 19																					163
18/ 17																					136
16/ 15																					61
14/ 13																					21
12/ 11																					11
10/ 9																					1
TOTAL	8.6	27.6	18.0	12.6	9.7	6.8	5.8	3.5	2.9	1.8	.9	.7	.5	.3	.1			6768	6768	6768	6768

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.	35500450	466256	68.9	22.347	6768							
Dry Bulb	19546793	354003	52.3	12.340	6768		30.4	91.5	38.3	8.8		67
Wet Bulb	15521453	316487	46.8	10.328	6768		59.8	9.2				67
Dew Point	12234453	275137	40.7	12.453	6768		186.8	1.0				67

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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | MAR 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
74/ 73		.1	.9															9	9		
72/ 71		.4	2.8	.2														32	32		
7 / 69		1.1	2.9	.1						.1								39	39	19	5
68/ 67	.3	2.5	2.6	.2	.1					.1								54	54	49	33
66/ 65	.1	1.9	2.2	.1		.2	.1	.4										47	47	47	46
64/ 63	.4	2.9	1.6	.5	.6	.1	.3	.1										62	62	52	51
62/ 61	.4	2.4	.3	.2	.1	.3	.1	.3	.1									40	40	43	44
60/ 59	.2	2.6	2.3	.5	.5	.4	.1	.1										63	63	43	45
58/ 57	.6	1.9	2.0	1.2	.9	.9	.2	.2										74	74	40	41
56/ 55		1.6	2.8	1.7	1.2	1.4	.2											83	83	50	29
54/ 53		1.9	3.4	1.0	1.0	1.0	.3											80	80	44	39
52/ 51		1.3	1.7	1.2	1.6	.2												56	56	72	31
50/ 49	.1	1.5	2.5	1.2	.6	.2												57	57	80	53
48/ 47		1.6	2.4	1.1	1.0													56	56	60	49
46/ 45	.3	1.7	1.2	1.7	.2	.1												49	49	78	58
44/ 43		1.7	1.0	1.2		.2												38	38	79	42
42/ 41		.3	.5	.9	.1													17	17	46	57
40/ 39	.1	1.0	1.5	.5	.2													31	31	29	66
38/ 37	.2	1.1	.8	.3														22	22	32	45
36/ 35	.3	.2	.2															7	7	37	42
34/ 33			.2															2	2	12	48
32/ 31			.5															5	5	1	49
30/ 29		.1	.1															2	2	2	19
28/ 27			.1	.1														2	2	6	13
26/ 25		.1	.1															2	2	1	17
24/ 23			.1															1	1	2	1
22/ 21																				2	7
20/ 19																				1	4
18/ 17																					4
16/ 9																					3
TOTAL	3.2	30.0	36.7	14.0	8.2	5.1	1.4	1.2	.1	.2								930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5604049	70759	76.1	15.401	930							
Dry Bulb	2920859	51349	55.2	9.603	930		1.2	13.4	.9			9
Wet Bulb	2540238	47702	51.3	10.031	930		1.5	7.1				9
Dew Point	2221885	44021	47.3	12.196	930		10.6	3.8				9

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | MAR 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
74/ 73			.3	.1		.1												5	5		
72/ 71		1.1	1.6	.3														28	28		
/ 69		1.1	2.2															30	30	18	11
68/ 67	.2	3.3	2.5						.1	.2								59	59	38	22
66/ 65	.3	2.7	1.5						.1									43	43	58	53
64/ 63	.5	3.8	1.1		.1													51	51	54	48
62/ 61	.5	2.7	.6	.5	.2	.3	.4		.1									51	51	47	51
60/ 59	.1	2.6	.6	.5	.5	.4		.1	.1									47	47	31	41
58/ 57	.4	2.7	1.7	.6	.3	.2	.1											50	50	38	31
56/ 55	.3	1.8	1.2	1.0	.6	.5	.5											56	56	42	43
54/ 53	.1	3.0	1.6	.5	.4	.4	.1											58	58	40	25
52/ 51	.1	2.3	2.8	1.0	1.5	.6	.1											78	78	54	36
50/ 49	.1	2.8	2.9	1.3	.8	.2												75	75	67	41
48/ 47	.2	2.5	1.1	1.1	1.3													57	57	63	66
46/ 45	.5	2.0	2.7	.6														55	55	78	41
44/ 43		1.9	1.8	1.9														53	53	61	4
42/ 41		1.6	1.6	.8														37	37	71	54
40/ 39	.3		.8	.2	.4													16	16	46	55
38/ 37	.1	1.1	1.6	.6														32	32	32	49
36/ 35	.2	1.4	.5															20	20	27	41
34/ 33	.2	.8	.5	.1														15	15	32	38
32/ 31			.2															2	2	15	6
30/ 29		.2	.3															5	5	5	34
28/ 27		.1																1	1	3	17
26/ 25		.2																2	2	4	11
24/ 23		.1																1	1	2	1
22/ 21			.2															2	2	1	7
20/ 19		.1																1	1	2	5
18/ 17																				1	5
16/ 15																					1
12/ 9																					3
TOTAL	4.4	41.8	31.3	11.3	6.2	2.9	1.3	.1	.4	.2									930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6023928	73568	79.1	14.830	930							
Dry Bulb	2758652	49740	53.5	10.290	930		1.4	12.2	.5			9
Wet Bulb	2448310	46674	50.2	10.676	930		3.3	5.6				9
Dew Point	2184366	43513	46.8	12.654	930		14.4	3.3				9

FORM AWS 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

1[illegible]4 — STATION
BERGSTROM AFB TX — STATION NAME
69-7[illegible],73-8[illegible] — YEARS
MAR — MONTH

0[illegible]0-0[illegible]0 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]4/ 73		.1																1	1		
[illegible]2/ 71		1.5	.9	.2														24	24	3	
[illegible]/ 69		1.5	3.[illegible]	.2														44	44	15	12
[illegible]3/ 67	.1	1.6	2.4															38	38	4[illegible]	16
46/ 65	.4	3.0	1.2		.1		.1											45	45	47	55
[illegible]4/ 63	.5	3.0	.6				.1		.2									42	42	51	45
[illegible]2/ 61	.4	2.9	.8	.5	.2	.3	.1											49	49	38	42
[illegible]/ 59	.3	2.7	1.[illegible]	.6	.4	.4	.3		.2									56	56	38	4[illegible]
[illegible]8/ 57	.1	3.8	.8	.6	.5	.1	.1	.2										58	58	39	32
55/ 55	1.0	2.2	1.3	.6	.8	.8												61	61	53	56
[illegible]4/ 53	.1	2.6	1.1	.9	1.[illegible]	.3	.2											57	57	38	22
[illegible]2/ 51	.4	2.9	2.0	1.4	1.1	.8												60	60	57	45
5[illegible]/ 49	.2	2.9	1.3	.6	.5	.4												56	56	57	47
4[illegible]/ 47	.4	2.3	2.2	.8	.5	.4												61	61	69	43
4[illegible]/ 45	1.[illegible]	1.9	1.8	1.7	.6													66	66	74	51
[illegible]4/ 43	.1	1.5	1.3	.4	.3													34	34	59	39
[illegible]2/ 41	.1	2.5	1.1	.6	.1													41	42	51	53
4[illegible]/ 39	.1	.8	2.5	.3	.1													35	35	65	47
38/ 37		1.3	1.[illegible]	.8														28	28	33	53
[illegible]6/ 35	.2	1.4	.4	.1														20	20	32	5[illegible]
34/ 33		.9	.4															12	12	3[illegible]	28
[illegible]2/ 31	.1	.3	.3	.3														10	10	17	44
[illegible]0/ 29			.3															3	3	7	41
28/ 27		.2	.1															3	3	4	22
[illegible]6/ 25		.2																2	2	7	17
[illegible]4/ 23																				2	7
[illegible]2/ 21																					9
[illegible]0/ 19		.2	.1															3	3		7
[illegible]8/ 17																				3	6
16/ 15																					1
[illegible]0/ 9																					[illegible]
[illegible]/ 7																					1
TOTAL	5.7	44.1	27.8	10.[illegible]	6.4	3.6	1.0	.2	.4									929	93[illegible]	929	929

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6055549	73667	79.3	15.185	929							
Dry Bulb	2713116	49302	53.0	10.348	930		2.1	10.7	.1			93
Wet Bulb	2410197	46257	49.8	10.736	929		4.0	5.8				93
Dew Point	2149592	43088	46.4	12.761	929		15.3	2.8				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

13904 | BERGSTROM AFB TX | 69-70,73-80 | MAR

STATION | STATION NAME | YEARS | 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				
86/ 85														.1				1	1		
82/ 81					.1	.1		.1					.2					5	5		
78/ 79					.2	.2					.1							5	5		
74/ 77				.2	.2	.3	.1			.2	.1	.1						12	12		
70/ 75			.2	.5	.6	.4	.3		.5	.1	.3	.1						30	30		
66/ 73			.9	1.4	.4	.1			.2	.4	.1	.1						34	34	3	
62/ 71		.4	1.4	.8	.5	.3	.1	.2	.4	.1	.3							43	43	10	5
58/ 69		.9	1.9	1.3	1.0	.6	.2	.6		.4	.1	.1						67	67	24	8
54/ 67		2.0	1.7	.5	.6	.9	.2	.3	.1	.2	.2	.1						65	65	54	21
50/ 65	.3	1.9	1.3	1.4	.8	.3	.5	.9	1.0	.2								80	80	49	28
46/ 63	.1	1.5	1.3	1.2	.6	.9	.9	.8	.3	.2								72	72	63	42
42/ 61		2.4	1.2	1.2	.5	.9	1.4	.9										78	78	36	53
38/ 59	.3	1.5	1.2	.6	.6	1.2	1.3	.6	.2									71	71	74	39
34/ 57	.4	1.4	1.4	1.2	1.1	.9	.5	.3	.1									67	67	72	46
30/ 55	.1	1.4	1.1	.8	.6	1.4	1.0	.2										61	61	56	56
26/ 53	.2	1.3	1.1	.4	.9	.6	.1	.1										44	44	62	39
22/ 51		1.2	1.3	.5	.6	.6	.3											40	40	74	52
18/ 49		.6	.8	.4	.3	.2	.1											23	23	79	34
14/ 47	.3	1.0	1.2	.6	1.2	.5												45	45	55	43
46/ 45	.1	.1	1.0	.5	.3													19	20	61	45
44/ 43		.5	.8	.8	.3													22	23	34	35
42/ 41		.4	.2	.3	.2													11	11	34	41
40/ 39		.4	.3	.2														9	9	33	49
38/ 37		.1	.5	.3	.1													10	10	22	59
36/ 35		.1		.3														4	4	5	54
34/ 33		.2		.1														3	3	9	25
32/ 31			.2	.2														4	4	6	33
30/ 29				.1														1	1	3	34
28/ 27				.1														1	1	3	25
26/ 25			.1															1	1	2	9
24/ 23																				2	4
22/ 21																				1	3
20/ 19																					3
18/ 17																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]34	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 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				
1[illegible]/ 15																					1
[illegible]4/ 13																					1
1[illegible]/ 11																					2
[illegible]/ 9																					1
TOTAL	1.9	19.5	20.7	16.2	12.0	10.6	7.1	5.1	2.9	1.9	1.3	.5	.2	.1				928	930	928	928

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4455015	61387	66.1	20.623	928							
Dry Bulb	3459678	55972	60.2	9.898	930		.7	26.2	8.7	1.0		93
Wet Bulb	2759916	49826	53.7	9.557	928		1.7	9.1	.3			93
Dew Point	2244921	44067	47.5	12.820	928		12.7	3.4				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

1[illegible]4 STATION | GERGSTROM AFB TX STATION NAME | 69-70,73-87 YEARS | MAR MONTH

 1200-140[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 89											.2				.2			4	4		
[illegible]/ 87							.1		.1	.1		.2		.1		.2		8	8		
[illegible]/ 85						.1		.2	.1		.1		.3		.1	.1		10	10		
[illegible]/ 83						.1	.1	1.0	.6		.1	.2	.1	.2	.1			24	24		
[illegible]/ 81					.1	.4	1.0	.4	.1	.1	.1	.2	.1					24	24		
[illegible]/ 79				.1		.6	.9	.4	.1	.3	.9	.5	.5	.1				42	42		
[illegible]/ 77				.1	.8	1.0	.9	1.0	.4		1.2	.8	.3					59	59		
[illegible]/ 75			.2	.9	1.1	.4	.6	.6	.3	.9	.8	.3	.2					59	59	2	
[illegible]/ 73			.4	.9	.9	1.1	1.6	.6	.9	.6	.3	.2	.2					72	72	7	
[illegible]/ 71		.5	.9	1.5	1.4	.5	1.1	1.0	.8	.9	.3	.4						86	86	18	3
[illegible]/ 69		.4	.6	1.2	.5	.5	.5	1.3	1.0	1.1	.4	.4						75	75	51	9
[illegible]/ 67		.9	.8	.5	.8	.5	1.4	1.0	1.1	.5	.1	.1						70	70	62	23
[illegible]/ 65		1.0	.6	1.0	.6	.3	1.1	1.6	.5	.5								68	68	63	41
[illegible]/ 63		.8	.4	1.1	.2	.6	.5	1.0	.5	.3								51	51	60	51
[illegible]/ 61	.3	1.1	.3	.4	.4	.4	1.2	.4	.9	.3								54	54	65	58
[illegible]/ 59		.6	.4	.3	.1	.5	1.3	.5	.2									38	38	72	49
[illegible]/ 57		.4	.4	.4	.2	.5	.9	.8	.2									36	36	79	43
56/ 55		.3	.4	.3	.2	.3	.6	.1	.2									24	24	76	41
[illegible]/ 53		.3	.9	.5	.3	.3	.3	.1										26	26	61	49
[illegible]/ 51		.3	.8	.3	.1	.3												17	17	68	33
[illegible]/ 49	.5		1.0	.2	.1	.1												18	18	68	33
[illegible]/ 47	.1	.4	.2	.6														13	13	47	39
[illegible]/ 45		.6	.6	.3	.1													16	16	38	47
[illegible]/ 43		.2	.2	.3		.3												10	10	32	51
[illegible]/ 41		.1	.1	.4	.5	.1												12	12	23	53
[illegible]/ 39			.1	.2	.2													5	5	8	48
[illegible]/ 37		.2			.1													3	3	3	53
[illegible]/ 35		.2		.1	.1													4	4	10	39
34/ 33					.1													1	1	9	37
[illegible]/ 31				.1														1	1	4	36
[illegible]/ 29																				2	33
[illegible]/ 27																				1	16
[illegible]/ 25																				1	8
[illegible]/ 23																					1[illegible]

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

FORM AS 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 21																					8
[illegible] 19																					6
[illegible] 17																					11
[illegible] 13																					3
TOTAL	1.[illegible]	8.4	9.5	11.9	9.0	9.4	14.1	12.0	8.1	5.7	4.5	3.4	1.8	.4	.4	.3		930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3067968	49582	53.3	21.378	930							
Dry Bulb	4272489	62243	66.9	10.717	930		.1	53.3	30.2	9.4		93
Wet Bulb	3032427	52437	56.4	9.034	930		.8	14.0	.9			93
Dew Point	2220795	43841	47.1	12.879	930		13.4	3.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1394 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 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			3	3		
90/ 89									.1		.4				.1	.3		9	9		
88/ 87							.1	.4				.1		.3	.1	.1		11	11		
86/ 85							.1	.3	.4	.4	.1	.1		.4	.2	.1		21	21		
84/ 83							.5	.6	.6	.3	.1		.1	.2	.2			26	26		
82/ 81					.2	.2	1.1	2.3	1.1	.1	.6	.8	.5					64	64		
80/ 79					.3	1.0	.5	.8	.6	.4	1.1	1.2	1.2					66	66		
78/ 77				.1	.3	1.0	.5	1.5	.5	.6	.6	.5	.2					56	56		
76/ 75				.3	1.0	1.2	.8	1.4	.3	1.3	1.1	.3	.5					76	76	2	
74/ 73		.2	.6	.9	.6	.5	.4	1.4	.8	.3	1.5	.8	.1					76	76	9	
72/ 71		.2	.2	1.5	.5	.1	.8	1.3	.8	1.0	.6	.3						68	68	26	1
70/ 69		.4	1.2	1.1	.6	.2	.2	1.1	1.4	1.2	.4	.1						74	74	50	10
68/ 67		1.2	.3	.3	.8	.2	1.2	1.0	1.2	.8	.9							72	72	75	26
66/ 65		.3	.3	.6	.4	.9	.1	1.0	.6	.8								47	47	79	41
64/ 63		.2	.6		.2	.6	.8	.8	1.0	.4	.1							44	44	40	42
62/ 61	.1	.4	.4	.3	.4	.6	.3	1.2	.6	.2								44	44	73	65
60/ 59		.8	.3	.2		.1	.5	.6	.3									27	27	74	48
58/ 57				.4	.2	.2	.1	.3	.4									16	16	78	35
56/ 55		.3	.4	.2		.5	.1											15	15	73	52
54/ 53		.6	.6	.6	.1	.3	.2											24	24	69	28
52/ 51	.3	.1	.4	.4		.3												15	15	78	32
50/ 49	.3		1.1	.5														18	18	44	37
48/ 47		.5	.6	.6		.1												18	18	47	40
46/ 45		.3	.4	.3		.4												14	14	39	56
44/ 43		.3		.2	.1	.4												10	10	26	43
42/ 41				.1	.3	.2												6	6	18	55
40/ 39						.3												3	3	2	53
38/ 37		.3		.1	.1													5	5	4	39
36/ 35																				8	52
34/ 33			.2															2	2	8	38
32/ 31																				4	36
30/ 29																				4	36
28/ 27																					12
26/ 25																					13

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]4/ 23																					12
[illegible]2/ 21																					10
[illegible]0/ 19																					11
18/ 17																					1
16/ 15																					1
14/ 13																					5
TOTAL	.8	6.3	8.0	9.0	6.3	9.6	8.4	15.9	10.9	7.8	7.6	4.3	2.8	1.0	.8	.5		930	930	930	930

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2652397	45591	49.0	21.197	930							
Dry Bulb	4578187	64445	69.3	11.001	930			62.2	40.8	16.5		93
Wet Bulb	3116460	53198	57.2	8.890	930		.8	16.2	1.1			93
Dew Point	2192697	43541	46.8	12.883	930		13.7	3.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 85										.1					.1			2	2		
[illegible]/ 83						.2		.1		.1			.1	.1				6	6		
[illegible]/ 81							.3	.1	.1	.1	.1	.1	.2	.2	.1			13	13		
[illegible]/ 79				.2		.4	.4	.2	.1			.1	.2					16	16		
78/ 77					.5	1.0	.5	.5	.2	.3	.5	.1	.3					38	38		
76/ 75			.2	.5	1.4	.6	.2	.6	.2	.4	.3	.5						48	48		
74/ 73		.1	.3	1.3	1.1	.9	.4	.6	.3	.9	.3	.2	.2					62	62	4	
[illegible]/ 71		.2	1.0	1.5	1.0	.3	1.3	.5	.9	.6	.5	.1						74	74	7	
[illegible]/ 69		.4	2.3	1.5	.8	.9	.8	1.3	.9	.5	.4							90	90	30	9
68/ 67		1.0	1.7	1.6	1.0	1.2	.6	.9	1.2	.5	.2							92	92	62	17
66/ 65		.5	.3	.4	1.2	1.2	1.6	1.3	.6	.8								74	74	66	48
64/ 63		.4	1.2	.6	.5	1.7	1.6	1.4	.8	.1								78	78	59	49
62/ 61		.9	.1	.3	.6	1.0	1.6	.8	.4	.1								54	54	46	46
[illegible]/ 59		1.3	.4	.3	.4	.6	1.0	1.3	.1									51	51	63	45
[illegible]/ 57		.3	.2	.5	1.0	.6	.6	.6	.1									38	38	72	39
56/ 55		.1	.8	1.2	.5	.6	.5	.3	.1									39	39	66	38
54/ 53		.8	.4	.8	.4	.9	.5	.1										36	36	80	44
52/ 51	.3	.5	.6	.3	.5	.2	.2											26	26	90	31
50/ 49	.1	.5	.5	.4	.2	.4												21	21	77	45
48/ 47	.1	.2	.8	.3	.3													16	16	58	34
46/ 45		.6	1.3	.3		.2												23	23	47	54
44/ 43			.2	.1		.3												6	6	35	62
42/ 41		.3	.1	.4	.6													14	14	28	57
40/ 39		.2			.1	.1												4	4	10	50
38/ 37		.1			.2													3	3	8	49
36/ 35					.1													1	1	6	45
34/ 33			.1		.2													3	3	7	39
32/ 31			.2															2	2		36
30/ 29																				7	30
28/ 27																				1	17
26/ 25																				1	12
24/ 23																					14
22/ 21																					9
20/ 19																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904	BERGSTROM AFB TX	69-70,73-80	MAR
STATION	STATION NAME	YEARS	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
16/ 15																					2
14/ 13																					1
12/ 11																					3
TOTAL	.5	8.6	12.8	12.8	12.8	13.4	12.4	10.8	6.0	4.6	2.5	1.2	1.1	.3	.2				930		93
																		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.	3350890	52472	56.4	20.498	930							
Dry Bulb	3935773	59821	64.3	9.725	930		.2	44.1	18.5	2.7		93
Wet Bulb	2893657	51229	55.1	8.786	930		.9	10.3	.4			93
Dew Point	2169174	43394	46.7	12.467	930		12.9	2.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17914 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

 21 0-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76/ 77					.1													1	1		
76/ 75				.2	.1			.1										4	4		
74/ 73			1.0	1.1														19	19		
72/ 71		.3	2.6	.8	.4	.1	.1		.1				.1					42	42	2	
7 / 69		1.5	3.3	1.0	.2	.1	.1	.2	.1									61	61	23	5
6/ 67	.1	1.2	2.9	.8	.1	.4	.2	.5	.3									61	61	55	27
66/ 65	.3	1.9	2.4	.9	.9	.4	.4	.2	.1	.2								72	72	53	54
64/ 63	.1	1.8	1.2	2.0	1.1	1.2	.9	.3	.2									82	82	54	55
62/ 61		1.3	.8	.6	1.1	1.0	1.4	.3	.1									61	61	51	39
60/ 59		1.8	1.4	1.4	2.4	2.0	.8	.5	.2									98	98	29	48
58/ 57		1.2	1.1	2.0	1.6	1.5	.8	.3										79	79	68	34
56/ 55		.6	1.5	1.5	1.3	1.1	.3											59	59	44	26
54/ 53	.1	1.2	1.4	1.4	1.5	1.0	.2											63	63	60	41
52/ 51		.6	2.4	.5	.9	.5	.2											48	48	88	39
50/ 49	.1	.4	1.0	1.0	1.2	.8												41	41	96	45
48/ 47	.5	.8	.9	.8	1.6	.1												43	43	73	54
46/ 45		1.2	.8	1.1	.3													31	31	63	57
44/ 43		.5	.6	.3														14	14	46	74
42/ 41		.4	.8	.8	.3													21	21	36	45
40/ 39		.8	.3	.6	.1													17	17	42	52
38/ 37		.2		.1														3	3	17	52
36/ 35																				11	42
34/ 33			.1	.1														2	2	7	41
32/ 31			.3	.1														4	4	2	27
30/ 29			.2	.1														3	3	2	26
28/ 27				.1														1	1	3	20
26/ 25																				3	8
24/ 23																				2	3
22/ 21																					6
20/ 19																					3
16/ 15																					4
12/ 11																					2
10/ 9																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12904 (STATION) BERGSTROM AFB TX (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	1.3	17.8	26.8	19.2	15.2	10.2	5.4	2.6	1.2	.2			.1					930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4678192	63956	68.8	17.359	930							
Dry Bulb	3251216	54358	58.4	8.926	930		.8	18.8	2.4			93
Wet Bulb	2679265	49161	52.9	9.312	930		1.2	8.0				9?
Dew Point	2228470	44110	47.4	12.114	930		10.0	3.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
MAR — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 91												.0	.0		.0			3	3		
[illegible]/ 89									.0		.1				.	.0		13	13		
[illegible]/ 87							.0	.1	.0	.0		.0		.1	.0	.0		19	19		
[illegible]/ 85						.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.0		34	34		
[illegible]/ 83						.0	.1	.2	.2	.1	.0	.0	.0	.1	.0			56	56		
[illegible]/ 81					.1	.1	.3	.4	.2	.0	.1	.1	.1	.0	.0			106	106		
[illegible]/ 79				.0	.1	.3	.2	.2	.1	.1	.3	.2	.2	.0				129	129		
7[illegible]/ 77				.1	.2	.4	.3	.4	.1	.1	.3	.2	.1					166	166		
[illegible]/ 75			.1	.3	.5	.3	.2	.3	.2	.3	.3	.2	.1					217	217	4	
[illegible]/ 73		.1	.6	.7	.4	.3	.3	.3	.2	.3	.3	.2	.1					278	278	23	
[illegible]/ 71		.6	1.4	.8	.5	.2	.4	.4	.4	.3	.2	.1	.0					397	397	69	9
[illegible]/ 69		.9	2.2	.8	.4	.3	.2	.6	.4	.4	.2	.1						480	480	230	69
[illegible]/ 67	.1	1.7	1.9	.5	.4	.4	.5	.5	.5	.3	.2	.0						511	511	435	185
[illegible]/ 65	.2	1.7	1.2	.6	.5	.4	.5	.7	.4	.3								476	476	462	396
[illegible]/ 63	.2	1.8	1.0	.7	.4	.6	.6	.5	.4	.1	.0							482	482	433	383
[illegible]/ 61	.2	1.7	.6	.5	.5	.6	.8	.5	.3	.1								431	431	399	398
[illegible]/ 59	.1	1.7	1.0	.6	.6	.7	.7	.5	.2									451	451	424	355
[illegible]/ 57	.2	1.5	.9	.9	.7	.6	.4	.3	.1									418	418	486	301
[illegible]/ 55	.2	1.0	1.2	.9	.7	.8	.4	.1	.									398	398	462	341
[illegible]/ 53	.1	1.5	1.3	.8	.7	.6	.3	.0										388	388	454	287
[illegible]/ 51	.1	1.2	1.5	.7	.8	.5	.1											360	360	581	299
[illegible]/ 49	.2	1.1	1.4	.7	.5	.3	.0											309	309	568	335
[illegible]/ 47	.2	1.2	1.2	.7	.7	.1												309	309	472	368
[illegible]/ 45	.2	1.1	1.2	.8	.2	.1												273	274	478	409
[illegible]/ 43	.2	.8	.7	.7	.1	.2												187	188	372	386
[illegible]/ 41	.0	.7	.6	.5	.3	.0												159	160	307	414
[illegible]/ 39	.1	.4	.7	.3	.1	.1												120	120	235	419
[illegible]/ 37	.0	.6	.5	.3	.1													106	106	151	398
[illegible]/ 35	.1	.4	.1	.1	.0													56	56	136	361
[illegible]/ 33	.0	.2	.2	.0	.0													40	40	114	294
[illegible]/ 31	.0	.0	.2	.1														28	28	49	316
[illegible]/ 29		.0	.1	.0														14	14	32	253
[illegible]/ 27		.0	.0	.0														8	8	21	142
[illegible]/ 25		.1	.0															7	7	19	86

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

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

13954 | BERGSTROM AFB TX | 69-70,73-80 | MAR

STATION | STATION NAME | YEARS | MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 23		.0	.0															2	2	10	55
82/ 21			.0															2	2	4	64
80/ 19		.0	.0															4	4	3	40
78/ 17																				4	36
76/ 15																					10
74/ 13																					10
72/ 11																					7
70/ 9																					10
68/ 7																					1
TOTAL	2.4	22.1	21.7	13.2	9.5	8.1	6.4	6.0	3.8	2.6	2.0	1.2	.8	.2	.2	.1			7440		7437
																		7437		7437	

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.	35887988	490982	66.0	21.614	7437							
Dry Bulb	27889970	447230	60.1	11.631	7440		6.5	240.9	102.1	29.6		744
Wet Bulb	21880470	396484	53.3	9.996	7437		14.2	76.1	2.7			744
Dew Point	17611900	349572	47.0	12.600	7437		103.0	26.3				744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | APR MONTH

 [illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 77			.1															1	1		
[illegible]/ 75		.6	.4	.1	.2													12	12		
[illegible]/ 73	.1	1.7	2.6	.2		.1		.1										43	43	9	[illegible]
[illegible]/ 71	.3	2.8	2.8	.7						.1		.1						61	61	30	16
[illegible]/ 69	1.1	1.6	5.0	.2		.1	.1				.1							74	74	57	[illegible]
[illegible]/ 67	.4	3.4	6.7	.3	.4	.1		.1	.2	.1								107	107	60	47
[illegible]/ 65	.2	5.1	2.7	.9	.6	.1		.1										87	87	96	[illegible]
[illegible]/ 63	.1	4.1	1.9	.7	.3	.8			.1									72	72	95	[illegible]
[illegible]/ 61	.1	2.9	2.8	.7	.6	.6	.3	.1										72	72	61	[illegible]
[illegible]/ 59		3.9	4.0	1.4	.8	.2	.1	.1										95	95	66	[illegible]
[illegible]/ 57	.2	2.8	2.2	1.9	.6	.4												73	73	74	56
[illegible]/ 55	.2	1.8	2.0	1.3	.4	.2												54	54	65	[illegible]
[illegible]/ 53		1.1	1.7	1.1	.7	.1												42	42	66	59
[illegible]/ 51		1.3	.9	.6	.4	.3												32	32	56	39
[illegible]/ 49	.1	.9	.6	.6	.4													23	23	60	49
[illegible]/ 47		.3		.9	.6	.1												17	17	23	52
[illegible]/ 45		.7	.4	.4	.1	.1												16	16	20	[illegible]
[illegible]/ 43		.2	.2	.4		.1												9	9	21	32
[illegible]/ 41			.3	.2														5	5	16	16
[illegible]/ 39			.1	.1														2	2	12	14
[illegible]/ 37			.2															2	2	4	[illegible]
[illegible]/ 35		.1																1	1	7	14
[illegible]/ 33																				2	[illegible]
[illegible]/ 31																					[illegible]
[illegible]/ 29																					[illegible]
[illegible]/ 27																					[illegible]
[illegible]/ 25																					[illegible]
[illegible]/ 21																					[illegible]
TOTAL	3.0	35.2	37.6	12.8	6.1	3.4	.6	.6	.3	.2	.1	.1						900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5962206	72224	80.2	13.601	900							[illegible]
Dry Bulb	3507858	55770	62.0	7.604	900			29.8	5.6			[illegible]
Wet Bulb	3134747	52579	58.4	8.373	900			15.6	.9			[illegible]
Dew Point	2870230	49954	55.5	10.417	900		3.0	12.0	.6			[illegible]

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

13904	BERGSTROM AFB TX	69-70,73-80	APR
STATION	STATION NAME	YEARS	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
76/ 75		.1	.2															3	3		
74/ 73		1.3	1.7	.2														29	29	5	
72/ 71		3.2	2.2	.2														51	51	22	12
70/ 69	1.3	3.2	4.3															80	80	66	54
68/ 67	.2	4.8	3.4	.2		.2												80	80	57	51
66/ 65	.2	6.6	1.9	.2	.1				.2									83	83	83	77
64/ 63	.1	4.7	.9	.9		.2	.2											63	63	87	76
62/ 61	.3	5.7	2.4	.2	.4	.3	.1											86	86	56	69
60/ 59	.3	3.4	2.3	.7	.8	.3	.1	.1										73	73	68	67
58/ 57	.1	4.2	2.1	.7	.7	.2	.1											73	73	66	57
56/ 55	.1	2.9	1.4	1.1	.8	.3	.2											61	61	61	61
54/ 53	.2	1.8	2.4	.9	.2	.1												51	51	53	68
52/ 51	.1	2.7	2.1	.8	.2													53	53	53	36
50/ 49		1.2	1.2	.2	.1													23	23	67	34
48/ 47		1.6	.9		.2													24	24	44	49
46/ 45		.2	1.1	.7														18	18	32	51
44/ 43		.4	1.3	.7														22	22	16	24
42/ 41		.2	.7	.4	.1													13	13	14	26
40/ 39		.1	.7	.1	.2													10	10	19	29
38/ 37		.1	.1															2	2	11	7
36/ 35			.2															2	2	1	23
34/ 33																				6	1
32/ 31																					17
30/ 29																					7
28/ 27																					4
26/ 25																					1
24/ 23																					
22/ 21																					
TOTAL	3.1	48.3	33.6	8.2	3.9	1.8	.8	.1	.2									900		900	900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6380999	74987	83.3	12.171	900							
Dry Bulb	3328522	54218	60.2	8.325	900			24.3	3.2			9
Wet Bulb	3034719	51635	57.4	8.968	900			15.2	.5			9
Dew Point	2823537	49495	55.0	10.630	900		3.2	11.7				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

1[illegible]4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-8[illegible] (YEARS) APR (MONTH)

0600-080[illegible] (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 79					.1													1	1		
76/ 75		.4	.1	.1														6	6		
74/ 73		.7	1.6															20	20	6	1
72/ 71	.2	3.7	3.6	.3														70	70	23	1[illegible]
70/ 69	.9	4.2	2.6	.2														70	70	66	49
68/ 67		4.3	3.6	.1	.2	.2												76	76	66	61
66/ 65	.6	4.9	2.2	1.1	.3	.1												83	83	70	80
64/ 63	.2	5.0	2.1	.8	.3	.1	.2											79	79	77	69
62/ 61	.6	5.6	1.7	1.3	.7	.1	.1											90	90	71	75
60/ 59	.4	3.6	1.8	.3	.8	.4	.2	.1										69	69	82	55
58/ 57	.1	3.7	2.2	1.2	.8	.6												77	77	62	66
56/ 55	.1	3.4	1.0	1.2	.7	.4	.3											65	65	68	51
54/ 53	.1	1.8	2.0	1.0	.7	.1												51	51	51	67
52/ 51		2.0	1.6	.4	.1	.3												40	40	57	44
50/ 49		1.2	1.0	.2	.4													26	26	53	44
48/ 47		.8	.8	.2	.2													18	18	46	34
46/ 45		1.1	1.1	.4	.1													25	25	24	42
44/ 43		.3	.6	.1	.2													11	11	25	31
42/ 41		.2	.6	.1														8	8	20	27
40/ 39		.2	.2	.2	.1													7	7	8	24
38/ 37		.2	.4	.1														7	7	13	18
36/ 35		.1																1	1	9	14
34/ 33																				4	7
32/ 31																				2	17
30/ 29																					6
28/ 27																					4
26/ 25																					2
24/ 23																					1
22/ 21																					2
TOTAL	3.1	47.4	30.6	9.7	5.8	2.4	.9	.1											90[illegible]		90[illegible]
																		900		90[illegible]	

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.	6293785	74403	82.7	12.607	900							
Dry Bulb	3372756	54610	60.7	8.111	900			24.3	2.7	.1		9
Wet Bulb	3059488	51874	57.6	8.798	900		.2	16.1	.6			9
Dew Point	2639539	49663	55.2	10.498	900		3.2	12.2	.1			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
APR — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83						.2								.1				3	3		
82/ 81					.2	.3	.1		.1									8	8		
80/ 79			.2	.4	.2	.4						.4						22	22		
78/ 77		.1	.3	2.0	.8	.9	.3	.2	.6									47	47		
76/ 75		.1	1.9	2.0	1.4	.4		.4	.2	.6	.2							66	66	3	
74/ 73		.3	2.3	2.8	2.1	.8	.7	.7	.4									91	91	20	4
72/ 71		.9	3.7	1.9	1.2	.9	1.1	.9	.4		.1							98	98	58	15
70/ 69		1.4	4.3	2.3	2.1	1.8	.7	1.3	.3	.1	.1							131	131	69	30
68/ 67	.1	1.4	3.9	1.4	.8	.9	1.3	1.1	.2	.2								103	103	92	74
66/ 65	.2	2.4	2.1	1.8	.9	.7	1.1	.2		.1								86	86	97	82
64/ 63	.1	1.6	1.3	.8	.2	.9	1.1	.2	.3									59	59	102	73
62/ 61		1.7	1.3	.4	.4	1.3	.7		.1									54	54	80	99
60/ 59		2.0	.7	.6	.6	.6	.2	.2										43	43	84	58
58/ 57		1.0	.4	.4	.2	.7	.1	.2										28	28	73	60
56/ 55		.6	.1	.6	.4	.2	.1	.1										19	19	55	65
54/ 53		.8	.2		.3	.4	.1											17	17	50	49
52/ 51		.4	.1	.1	.2		.3											11	11	44	31
50/ 49			.2		.1	.1	.1											5	5	23	31
48/ 47		.1	.1	.1	.1	.2												6	4	16	33
46/ 45			.1			.1												2	2	13	38
44/ 43			.1															1	1	7	38
42/ 41																				5	26
40/ 39																				5	21
38/ 37																				4	20
36/ 35																					9
34/ 33																					3
32/ 31																					12
30/ 29																					3
28/ 27																					7
26/ 25																					6
24/ 21																					3
TOTAL	.4	14.9	23.6	17.7	13.0	11.9	8.1	5.7	2.8	1.0	.4	.4		.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.	4523289	61747	68.6	17.866	900							
Dry Bulb	4190177	61097	67.9	6.882	900			56.9	23.7	2.0		90
Wet Bulb	3425649	55131	61.3	7.346	900			24.2	2.3			90
Dew Point	2947002	50634	56.3	10.459	900		2.9	14.3	.4			90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-8[illegible] YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]/ 89								.1							.1			2	2		
[illegible]/ 87								.2							.1			3	3		
[illegible]/ 85					.1		1.1	.7			.2			.2				21	21		
[illegible]/ 83				.1	.4	.8	.9	.3	.3	.7	.1	.1	.1	.2				37	37		
[illegible]/ 81			.1	.1	1.2	1.8	1.1	.3	.7	.6	.7	.2	.1	.1				63	63		
[illegible]/ 79				.8	2.1	1.7	2.2	1.1	.7	1.3	.6	.9						102	102		
[illegible]/ 77				1.3	1.7	1.7	2.6	1.3	1.1	1.0	.3	.2						101	101	3	
[illegible]/ 75		.1	1.0	2.0	3.6	2.1	1.1	1.3	1.6	1.2	.3	.4						133	133	6	2
[illegible]/ 73		.4	1.2	1.7	1.8	1.8	1.7	.9	1.7	.7	.3							109	109	54	1
[illegible]/ 71		.4	1.2	2.3	.9	1.3	.2	1.2	1.0	.1	.4	.1						84	84	86	18
[illegible]/ 69		.9	1.1	1.3	1.1	.4	.4	1.3	.8									67	67	72	56
[illegible]/ 67	.1	.9	1.4	.8	.6	.1	.6	.7	.4	.6								55	55	124	89
[illegible]/ 65	.1	.2	.4	.7	.3	.4	.3	.8	.1									31	31	108	79
[illegible]/ 63	.1	.2	.6	.4		.2	.1	.3	.3									21	21	90	64
[illegible]/ 61		.7	.2	.3	.2	.4		.2	.1									20	20	78	76
[illegible]/ 59		.9	.2		.1	.1	.3	.3	.1									19	19	72	73
[illegible]/ 57		.3		.2	.1		.2	.2										10	10	62	63
56/ 55		.2		.1			.1	.1										5	5	50	48
[illegible]/ 53					.1		.2											3	3	30	42
[illegible]/ 51		.7			.2													8	8	19	35
50/ 49																				17	32
48/ 47		.1		.1														2	2	7	36
46/ 45		.2	.1	.1														4	4	11	46
44/ 43																				6	30
42/ 41																				5	26
40/ 39																					26
38/ 37																					12
36/ 35																					13
34/ 33																					7
32/ 31																					13
30/ 29																					5
28/ 27																					5
26/ 25																					1
24/ 23																					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) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]904	BERGSTROM AFB TX	69-7[illegible],73-8[illegible]	APR
STATION	STATION NAME	YEARS	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				
2/ 21																					2
TOTAL	.3	6.3	7.7	12.4	14.6	12.9	13.2	11.6	8.9	6.1	3.0	2.0	.2	.6	.2				900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3293156	51768	57.5	18.732	900							
Dry Bulb	4924554	66268	73.6	7.088	900			77.7	57.1	17.5		9[illegible]
Wet Bulb	3668234	57122	63.5	6.897	900			34.5	6.3			9[illegible]
Dew Point	2952295	50635	56.3	10.730	900		3.0	16.7	.4			9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17904 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
APR — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 89										.1		.1	.1					3	3		
88/ 87								.6	.6	.1	.3	.1			.1			16	16		
86/ 85						.1	.7	1.0	.2	.2	.3	.1	.1	.3	.2			30	30		
84/ 83					.9	1.2	1.6	.3	.6		.6	.4	.8	.1				58	58		
82/ 81				.3	1.3	1.3	2.0	2.2	.4	.4	.7	.9	.7					93	93		
80/ 79			.1	.7	1.6	2.3	3.0	3.1	1.0	1.7	1.7	.3	.2	.1				139	139		
78/ 77			.3	1.4	2.1	2.3	1.9	1.2	2.0	1.7	1.0	.4	.4					134	134	1	
76/ 75		.2	.6	1.0	1.9	1.3	1.3	.6	1.3	1.9	.7	.2						99	99	13	1
74/ 73	.1	.1	.9	1.3	1.0	.9	1.0	.7	1.4	.3	.8	.1						78	78	69	10
72/ 71	.2	.3	.7	1.3	.8	.3	.2	.7	.7	.6	.6							57	57	81	22
70/ 69		1.6	.9	1.2	1.1	.1	.3	.3		.2	.2							54	54	84	52
68/ 67		.4	.6	.6	1.2	.3	.7	.6	.4	.4								47	47	131	70
66/ 65	.3	.3	.7	.2	.2	.2	.3	.1	.7	.1								29	29	88	89
64/ 63		.7		.2	.1			.3	.6	.3								20	20	80	58
62/ 61		.1	.3		.2			.3										9	9	87	79
60/ 59		.6	.1	.2				.4	.1									13	13	75	74
58/ 57		.3			.1													4	4	70	40
56/ 55		.1																1	1	40	59
54/ 53		.1																1	1	27	29
52/ 51		.4	.1		.2													7	7	10	39
50/ 49				.1	.2													3	3	21	36
48/ 47			.2															2	2	6	33
46/ 45		.1																1	1	7	51
44/ 43																				8	38
42/ 41		.1																1	1	1	2
40/ 39																					20
38/ 37																					17
36/ 35																					14
34/ 33																					17
32/ 31																					12
30/ 29																					13
28/ 27																					2
26/ 25																					1
24/ 23																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.7	5.6	5.5	8.7	13.0	10.2	13.0	12.5	10.0	8.1	6.8	2.8	2.3	.6	.3			899	899	899	899

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.	2952899	48449	53.9	19.512	899							
Dry Bulb	5164432	67844	75.5	7.040	899			80.9	65.1	27.2		90
Wet Bulb	3717888	57490	63.9	6.796	899			37.9	8.3			90
Dew Point	2913620	50196	55.8	11.113	899		3.1	15.5	1.1			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

12924 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 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						2	2		
84/ 83				.1	.1		.1	.1		.2				.1				7	7		
82/ 81				.3		1.1	.3	.2	.1	.2	.2	.1	.2					26	26		
80/ 79			.3	.7	1.7	.8	1.1	.4	.1	.1	.6	.2						54	54		
78/ 77			.4	1.6	1.7	1.8	1.7	1.1	.8	1.0		.1	.1					92	92	1	
76/ 75		.2	.8	2.1	2.6	2.0	.6	1.4	.7	.9	.4	.2						107	107	8	1
74/ 73		.4	1.3	4.2	2.8	1.9	.9	1.1	1.2	.2	.1							121	121	25	8
72/ 71	.3	1.1	2.3	2.3	1.1	1.2	1.2	1.4	1.1	.3	.4							117	117	63	18
70/ 69		1.0	2.3	1.6	.8	1.4	1.0	1.6	.7	.3								96	96	74	46
68/ 67	.1	.7	2.6	.9	1.2	.8	1.9	.8	.6	.3	.2							90	90	120	68
66/ 65	.1	.9	1.4	.7	.8	.9	.9	.7	.2	.1								60	60	100	83
64/ 63		.6	.7	.6	.8	.6	.7	.2	.2	.1								39	39	96	71
62/ 61		.9	.2	.2	.7	.1	.1	.2	.3									25	25	76	89
60/ 59		.2	.6	.1	.4	.1	.3	.4	.1									21	21	74	61
58/ 57		.3	.1		.1	.2	.1	.7										14	14	71	53
56/ 55		.3	.1	.2	.1			.1										8	8	69	46
54/ 53		.1			.2		.2											5	5	46	37
52/ 51		.7	.1		.2	.2												11	11	17	40
50/ 49				.1														1	1	22	39
48/ 47				.1														1	1	10	45
46/ 45		.2	.1															3	3	11	50
44/ 43																				12	36
42/ 41																				5	16
40/ 39																					17
38/ 37																					16
36/ 35																					18
34/ 33																					13
32/ 31																					7
30/ 29																					7
28/ 27																					7
26/ 25																					7
24/ 23																					1
TOTAL	.6	7.7	13.4	15.8	14.4	13.1	11.1	10.7	6.1	3.9	2.0	.8	.3	.1				900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3708250	55210	61.3	18.909	900							
Dry Bulb	4577856	63918	71.0	6.536	900			71.2	40.9	5.9		9
Wet Bulb	3533877	56041	62.3	7.022	900			29.1	3.4			9
Dew Point	2904664	50188	55.8	10.856	900		2.9	14.1	.9			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ / 79			.4	.1		.1												6	6		
78/ 77		.1	.2	.3		.1								.1				8	8		
76/ 75		.4	1.1	.8	.3	.1	.2	.1					.1					29	29	6	2
74/ 73		.6	3.6	1.8	.4	.1		.2	.1				.1					62	62	8	7
72/ 71	.8	2.2	3.9	2.6	1.1	.2	.1											98	98	34	19
70/ 69	.2	1.7	5.4	2.8	1.[illegible]	.8	.1	.3										111	111	74	35
68/ 67	.2	2.0	6.4	2.3	1.0	1.2	.7	.3	.1									129	129	76	68
66/ 65	.1	2.2	2.8	1.7	.9	1.4	.4	.3										89	89	95	74
64/ 63		1.2	2.0	1.7	1.9	1.6	.6	.1										81	81	110	86
62/ 61		2.2	1.4	2.0	2.6	.8	.8											88	88	64	70
60/ 59	.1	1.2	1.3	1.9	1.4	.8	.3	.2										66	66	76	76
58/ 57		.9	1.2	1.1	.6	.3												37	37	58	65
56/ 55		.7	.7	.4	.6	.4	.2											27	27	80	45
54/ 53		.3	.3	.1	.4	.9	.2											21	21	82	37
52/ 51		1.1	.2		.6	.4												21	21	39	52
50/ 49	.1	.2		.6	.3	.1	.1											13	13	28	49
48/ 47		.1			.2	.1												4	4	18	59
46/ 45			.4	.2	.2													8	8	11	40
44/ 43																				24	29
42/ 41			.1															1	1	7	16
40/ 39			.1															1	1	5	14
38/ 37																				4	14
36/ 35																				1	16
34/ 33																					10
32/ 31																					9
30/ 29																					9
26/ 25																					5
24/ 23																					3
TOTAL	1.6	17.2	31.8	20.3	13.6	9.6	3.8	1.7	.2				.2	.1				900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5069540	66136	73.5	15.268	900							
Dry Bulb	3866718	58686	65.2	6.670	900			44.3	10.5	.1		9
Wet Bulb	3295713	54025	60.0	7.657	900			19.8	1.4			9
Dew Point	2917436	50398	56.0	10.294	900		2.6	13.1	.9			9

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89								.0		.0		.0	.0		.0			5	5		
88/ 87								.1	.1	.0	.0	.0			.0			19	19		
86/ 85					.0	.0	.2	.2	.0	.0	.1	.0	.0	.1	.0			53	53		
84/ 83				.0	.2	.3	.3	.1	.1	.1	.1	.1	.1	.1				105	105		
82/ 81			.0	.1	.4	.6	.4	.3	.2	.2	.2	.2	.1	.0				190	190		
80/ 79			.1	.3	.8	.6	.8	.6	.2	.4	.3	.2	.0	.0				324	324		
78/ 77		.0	.2	.8	.8	.8	.8	.5	.6	.5	.2	.1	.1	.0				383	383	5	
76/ 75		.3	.8	1.0	1.3	.8	.4	.5	.5	.6	.2	.1	.0					455	455	36	7
74/ 73	.0	.7	1.9	1.5	.9	.7	.5	.5	.6	.2	.2	.0	.0					553	553	196	37
72/ 71	.2	1.8	2.5	1.5	.6	.5	.4	.5	.4	.1	.2	.0						636	636	397	132
70/ 69	.4	1.9	3.3	1.2	.8	.6	.3	.6	.2	.1	.1							683	683	564	392
68/ 67	.2	2.3	3.6	.8	.7	.5	.6	.4	.3	.2	.0							687	687	726	528
66/ 65	.2	2.8	1.8	.9	.5	.5	.4	.3	.2	.0								548	548	737	629
64/ 63	.1	2.3	1.2	.8	.5	.5	.4	.2	.2	.1								434	434	737	576
62/ 61	.1	2.5	1.3	.7	.7	.5	.3	.1	.1									444	444	573	639
60/ 59	.1	2.0	1.4	.7	.6	.3	.2	.3	.0									399	399	597	520
58/ 57	.1	1.7	1.0	.7	.4	.3	.1	.1										316	316	536	455
56/ 55	.1	1.2	.7	.6	.4	.2	.1	.0										240	240	488	438
54/ 53	.0	.8	.8	.4	.3	.2	.1											191	191	405	385
52/ 51	.0	1.2	.6	.2	.3	.2	.0											183	183	295	311
50/ 49	.0	.4	.3	.2	.2	.0	.0											94	94	291	314
48/ 47		.4	.3	.2	.2	.1												74	74	170	342
46/ 45		.3	.4	.2	.1	.0												77	77	129	348
44/ 43		.1	.3	.2	.0	.0												43	43	121	249
42/ 41		.1	.2	.1	.0													28	28	73	173
40/ 39		.0	.1	.1	.0													20	20	49	165
38/ 37		.0	.1	.0														11	11	33	124
36/ 35		.0	.0															4	4	27	117
34/ 33																				12	79
32/ 31																				2	103
30/ 29																					58
28/ 27																					31
26/ 25																					25
24/ 23																					9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904	BERGSTROM AFB TX	69-73,73-80	APR
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-22/ 21																					12
TOTAL	1.6	22.8	22.9	13.2	10.5	8.2	6.4	5.3	3.6	2.4	1.5	.8	.4	.2	.1				7199		7199
																		7199		7199	

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.	38184124	504924	70.1	19.616	7199							
Dry Bulb	32932873	482411	67.0	9.176	7199			409.4	208.7	52.8		720
Wet Bulb	26870315	435897	60.5	8.140	7199		.2	192.4	23.7			720
Dew Point	23168323	401163	55.7	10.632	7199		23.9	109.6	4.4			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
MAY — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 79		.2	.1	.2														5	5		
78/ 77		.6	2.0	.3		.1												29	29	3	2
76/ 75	.1	2.2	2.7	1.6	.1	.1												63	63	16	9
74/ 73	1.3	4.7	4.4	2.3	.2	.1				.1								122	122	61	35
72/ 71	.9	8.1	7.1	1.3	.8	.2			.1									171	171	108	91
70/ 69	.3	5.5	5.6	1.2	.6	.1			.1									125	125	135	97
68/ 67	.2	5.1	5.7	1.4	.1													116	116	142	137
66/ 65	.4	3.2	1.9	1.0														61	61	102	134
64/ 63	.3	3.4	3.[illegible]	.5	.1	.2												77	77	91	75
62/ 61	.1	2.2	2.3	.6														48	48	67	76
60/ 59	.2	2.0	1.5	.8	.5													47	47	65	61
58/ 57		.4	1.1	.9	.2													24	24	43	61
56/ 55		.8	1.0	.2														18	18	24	45
54/ 53		.3	1.3	.1														16	16	31	21
52/ 51		.2	.4															6	6	24	22
50/ 49			.2															2	2	12	17
48/ 47																				6	25
46/ 45																					15
44/ 43																					1
42/ 41																					3
40/ 39																					1
TOTAL	3.9	38.9	41.0	12.4	2.7	.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.	6796256	79056	85.0	9.044	930							
Dry Bulb	4350087	63375	68.1	5.813	930			63.1	21.9	.1		93
Wet Bulb	3992040	60660	65.2	6.177	930			46.5	8.0			9[illegible]
Dew Point	3788376	58990	63.4	7.085	930			37.1	4.6			9[illegible]

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

1[illegible]4 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-8[illegible] (YEARS) MAY (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
7[illegible]/ 77		.8	.8	.6														20	20	2	1
[illegible]6/ 75	.1	1.2	2.7	1.2														48	48	8	8
[illegible]4/ 73	1.3	4.3	4.1			.1												91	91	43	26
[illegible]2/ 71	1.7	6.2	4.8	.4														123	123	109	72
[illegible] / 69	1.3	7.7	4.7	.6	.2			.1	.2									139	139	124	121
[illegible]6/ 67	.1	7.7	3.7	.1	.2	.1												111	111	125	116
[illegible]6/ 65	1.2	5.5	2.3	.5	.1													89	89	104	124
[illegible]4/ 63	1.[illegible]	4.9	2.7	.8	.1													88	88	100	91
[illegible]2/ 61	.2	4.[illegible]	1.8	.3	.1	.1												61	61	71	83
[illegible]/ 59	.1	3.5	1.1	.8	.1													52	52	61	52
[illegible]6/ 57	.1	1.2	1.8	.3														32	32	56	51
[illegible]6/ 55		.9	1.5	.4														26	26	22	53
[illegible]4/ 53		1.[illegible]	.5	.3														17	17	37	22
[illegible]2/ 51		.5	1.4															18	18	24	25
[illegible]/ 49		.2	.8															9	9	24	27
46/ 47		.4																4	4	14	[illegible]
46/ 45		.2																2	2	5	19
[illegible]4/ 43																				1	15
42/ 41																					4
TOTAL	7.1	50.3	34.6	6.5	.9	.3		.1	.2										930		93[illegible]
																		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.	7200641	81469	87.6	8.292	930							
Dry Bulb	4158768	61912	66.6	6.325	930			53.2	15.9			93
Wet Bulb	3877036	59728	64.2	6.650	930			41.1	5.3			93
Dew Point	3715388	58376	62.8	7.419	930			34.4	3.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-8[illegible] YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 81				.1														1	1		
[illegible]/ 79		.2	.1	.5	.4													12	12	1	
78/ 77		.8	1.2	1.5														32	32	3	2
[illegible]/ 75		2.3	3.7	1.9	.2	.1												76	76	9	6
74/ 73	.5	4.7	4.6	.6	.1	.1												100	100	73	33
[illegible]/ 71	1.5	6.7	6.3	.9	.6		.1											150	150	124	63
71/ 69	.9	6.2	4.7	.6	.4	.1	.1	.1										123	123	126	143
[illegible]/ 67	.5	4.8	3.1	1.0	.3	.3												94	94	126	127
66/ 65	.5	5.9	3.2	.5	.4	.2	.1											102	102	94	104
[illegible]/ 63	.4	4.8	1.7	.3	.5	.3												76	76	96	84
[illegible]/ 61	.4	2.2	1.5	.5	.5	.3												51	51	77	72
[illegible]/ 59		1.9	1.0	.6	.6													39	39	45	76
[illegible]/ 57		.9	.9	.4	.2													22	22	45	40
56/ 55		.8	1.0	.4	.1													21	21	26	37
[illegible]/ 53		.4	.9	.4														16	16	35	18
[illegible]/ 51		.2	.4															6	6	20	23
[illegible]/ 49		.2	.4															6	6	13	23
48/ 47		.2	.1															3	3	10	27
46/ 45																				5	14
44/ 43																					13
[illegible]/ 41																					5
TOTAL	4.8	43.2	34.8	10.5	4.6	1.5	.3	.1											930		930
																		930		93[illegible]	

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.	6850770	79306	85.3	9.729	930							
Dry Bulb	4332718	63220	68.0	6.148	930			58.8	22.1	.7		9[illegible]
Wet Bulb	3980723	60547	65.1	6.467	930			46.4	8.6			9[illegible]
Dew Point	3779991	58889	63.3	7.413	930			39.4	4.1			9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

1[illegible]4 — STATION
BERGSTROM AFB TX — STATION NAME
69-72,73-8[illegible] — YEARS
MAY — MONTH

0900-11[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 89					.1		.1	.1										3	3		
88/ 87							.1	.1						.1				3	3		
[illegible]6/ 85				.1	.1	.5	.6	.5			.2	.1						21	21		
[illegible]4/ 83			.1	.5	1.9	1.5	.9	.3	.1	.1		.1						52	52		
[illegible]2/ 81		.1	.2	2.3	3.6	2.0	.9	.5	.5	.1								95	95	1	
[illegible]0/ 79			1.2	1.8	2.6	3.2	.6	.6			.2							96	96	3	
78/ 77		.4	2.3	6.2	4.	1.1	.8	.5	.2	.3	.1							148	148	13	4
[illegible]6/ 75		1.1	3.6	3.7	3.4	.9	1.0	.5	.4	.1								136	137	66	11
74/ 73		1.5	4.3	4.2	1.[illegible]	1.6	.2	1.1	.6									135	135	151	5[illegible]
72/ 71		.6	2.0	1.7	.4	.2	.5	.4	.1	.1								58	58	144	10[illegible]
70/ 69	.2	.6	2.2	1.2	.9	.4	.4	.4	.1									60	60	159	13[illegible]
[illegible]8/ 67		.9	1.2	.4	.5	.6	.5	.5										44	44	102	14[illegible]
[illegible]6/ 65		1.3	1.3	.3	.2	.4	.4	.1										38	38	81	10[illegible]
[illegible]4/ 63		.8	.3	.1	.2	.4												17	17	54	8[illegible]
[illegible]2/ 61		.2	.1	.1	.2	.2												8	8	47	5[illegible]
[illegible]0/ 59		.2		.2	.1													5	5	34	4[illegible]
[illegible]8/ 57		.4	.1		.3													8	8	27	3[illegible]
56/ 55			.2															2	2	25	3[illegible]
[illegible]4/ 53																				15	1[illegible]
[illegible]2/ 51																				0	2[illegible]
50/ 49																				1	1[illegible]
[illegible]8/ 47																					1[illegible]
[illegible]6/ 45																					[illegible]
[illegible]4/ 43																					1[illegible]
[illegible]2/ 41																					[illegible]
[illegible]0/ 39																					
TOTAL	.2	8.2	19.1	22.9	19.6	13.2	7.1	5.9	2.2	.8	.5	.2		.1				929	930	929	9[illegible]

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.	4711636	64828	69.8	14.225	929							
Dry Bulb	5298939	69997	75.3	5.737	930			85.2	69.0	22.0		9
Wet Bulb	4355693	63393	68.2	5.675	929			64.0	23.4	.3		9
Dew Point	3881687	59627	64.2	7.669	929			45.5	6.7			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

1[illegible]4 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
MAY — MONTH

12[illegible]0-14[illegible] — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]4/ 93											.2							2	2		
[illegible]2/ 91							.1	.3	.2	.3								9	9		
[illegible]/ 89						.1	.9	2.2	.6	.1	.3	.1		.5	.2			47	47		
[illegible]8/ 87					.2	1.5	2.7	2.2	1.1	.3	.3	.2	.1					80	80		
[illegible]6/ 85					1.4	3.3	2.4	2.2	1.1	.5	.1							102	102		
[illegible]4/ 83				.4	3.3	2.9	3.7	2.0	1.6		.2	.3						135	135		
[illegible]2/ 81			.2	1.5	3.8	3.7	2.5	1.0	.3	.6	.3	.1						130	130	1	
[illegible]/ 79			.2	2.3	2.6	3.1	1.1	1.5	.9	.8	.8	.1						121	121	9	
78/ 77			1.6	.3	1.6	1.8	.9	.8	.5	1.[illegible]	.1							80	80	55	1
76/ 75		.2	.8	1.6	1.5	1.0	.5	.9	.3	.4	.3							70	70	126	24
74/ 73		.2	1.[illegible]	1.6	.6	.3	.4	.1	.4	.1								45	45	179	63
72/ 71		.1	1.1	1.3	.5	.3	.2	.6	.2									41	41	131	119
70/ 69		.2	.4	.2	.2	.1	.1	.8	.2									21	21	104	101
[illegible]6/ 67	.1	.2	.5		.4		.3		.1									16	16	103	145
[illegible]4/ 65		.4	.8		.3	.2		.1										17	17	58	104
[illegible]4/ 63		.3			.1	.1	.1											6	6	57	75
[illegible]2/ 61		.2	.1															3	3	42	73
[illegible]/ 59		.1			.1													2	2	27	41
58/ 57																				20	38
56/ 55		.3																3	3	17	25
54/ 53																				9	16
[illegible]2/ 51																					22
5[illegible]/ 49																					15
48/ 47																					32
46/ 45																					29
44/ 43																					14
42/ 41																					4
40/ 39																					5
38/ 37																					2
TOTAL	.1	2.4	6.7	9.0	16.8	18.5	15.8	14.5	7.6	4.2	2.7	.9	.1	.5	.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.	3481098	55284	59.4	14.478	930							
Dry Bulb	6025768	74638	80.3	6.193	930			89.9	82.1	58.0	.2	9[illegible]
Wet Bulb	4564272	64944	69.8	5.595	930			70.8	37.0	.1		9[illegible]
Dew Point	3877684	59584	64.1	8.050	930			44.9	8.8			9[illegible]

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

1[illegible]4 STATION | BERGSTROM AFB TX 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
[illegible]6/ 95									.2		.1							3	3		
[illegible]4/ 93								.1	.1	.3	.4							9	9		
[illegible]2/ 91							.1	.3	.9	.6		.1		.2	.4			25	25		
[illegible]/ 89						.3	1.3	3.3	1.7	.6	.5	.3		.2	.1			79	79		
[illegible]8/ 87					.3	1.7	2.2	2.3	2.3	.8	.4	.1	.3					96	96		
[illegible]6/ 85				.1	.8	2.6	3.4	4.0	1.7	.9								125	125		
[illegible]4/ 83				.5	1.8	3.7	3.3	2.2	1.1	.3	.6	.3	.1					130	130		
[illegible]2/ 81				1.1	1.7	2.6	2.2	1.6	1.6	1.0	.5	.5						119	119		
[illegible]/ 79			.8	1.1	1.9	1.6	1.0	1.1	.9	.8	.3	.1						88	88	20	
78/ 77			1.1	1.2	1.2	1.1	.6	.4	.5	.2	.3	.1						63	63	60	5
76/ 75		.4	1.0	1.6	.9	.6	.5	1.0	.1	.9	.1							66	66	133	21
[illegible]4/ 73		.3	.2	1.7	.3	.4	.2	.2	1.1	.1								43	43	177	74
72/ 71			1.1	1.0	.1	.1	.1	.1	.3									26	26	148	86
70/ 69	.1	.3	.6	.1	.3		.2	.1										17	17	87	109
[illegible]8/ 67	.4	.3	.4				.3											14	14	98	139
[illegible]6/ 65	.1	.3	.5		.1	.2		.2	.1									15	15	57	119
[illegible]4/ 63		.2	.2		.2													6	6	53	86
[illegible]2/ 61			.3															3	3	36	60
[illegible]/ 59			.1															1	1	18	37
[illegible]8/ 57			.1															1	1	27	43
56/ 55			.1															1	1	11	24
[illegible]4/ 53																				2	20
[illegible]2/ 51																				3	27
[illegible]/ 49																					16
[illegible]8/ 47																					21
46/ 45																					21
[illegible]4/ 43																					13
42/ 41																					7
[illegible]/ 39																					2
3[illegible]/ 37																					4
TOTAL	.6	1.9	6.6	8.4	9.7	14.9	15.5	16.9	12.6	6.5	3.4	1.6	.4	.4	.5			930	930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3260436	53180	57.2	15.370	930							
Dry Bulb	6229138	75878	81.6	6.422	930			90.3	84.6	64.4	1.2	93
Wet Bulb	4615891	65321	70.2	5.480	930			72.3	39.0	.7		93
Dew Point	3874997	59567	64.1	8.0 6	930			43.4	10.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1?904	BERGSTROM AFB TX	69-70,73-80	MAY
STATION	STATION NAME	YEARS	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
94/ 93									.1									1	1		
92/ 91										.1					.1			2	2		
90/ 89						.1	.2	.5	.3	.1			.1					13	13		
88/ 87					.3	.2	.9	1.3	.3		.2	.1		.1				32	32		
86/ 85				.1	.2	1.1	2.0	.8	1.0	.3	.1		.1	.1				54	54		
84/ 83			.1	.3	2.2	2.0	1.7	1.2	.8	.1	.3				.1			82	82		
82/ 81			.4	1.7	2.6	2.3	3.8	1.2	.5	.1	.2	.1						120	120		
80/ 79			1.1	2.5	3.4	2.6	1.1	1.3	.9	.2								121	121	6	
78/ 77		.6	2.0	2.9	3.1	1.8	1.7	.4	.5	.3	.2							128	128	20	4
76/ 75		.5	1.4	3.0	2.0	1.7	.9	.8	.1	.2	.2							101	101	80	16
74/ 73		.6	1.4	2.4	1.2	1.1	.9	.5	.4	.1								80	80	150	52
72/ 71	.1	.5	2.3	1.3	1.4	.6	.6	.4	.5									73	73	154	80
70/ 69	.1	1.1	1.1	.4	1.1	.5	.2	.4	.2									48	48	133	119
68/ 67	.4	.8	.8	.2		.1	.4											25	25	111	139
66/ 65	.1	.6	.4	.2	.2	.4	.1	.1										21	21	91	123
64/ 63		.5	.2	.1	.1	.3	.1											13	13	55	87
62/ 61		.1	.4	.1	.3													9	9	46	57
60/ 59				.2	.1													3	3	28	58
58/ 57			.1	.2														3	3	20	50
56/ 55																				24	28
54/ 53																				7	25
52/ 51																				4	17
50/ 49																					17
48/ 47																					20
46/ 45																					14
44/ 43																					10
42/ 41																					4
40/ 39																					2
38/ 37																					2
32/ 31																					1
TOTAL	.8	5.5	11.7	15.7	18.3	15.0	14.6	8.9	5.7	1.6	1.3	.2	.2	.2	.2			929	929		929
																				929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4108522	60124	64.7	15.304	929							
Dry Bulb	5596853	71885	77.4	6.095	929			88.1	73.5	36.8	.1	93
Wet Bulb	4414318	63840	68.7	5.423	929			65.5	25.6	.2		92
Dew Point	3837408	59290	63.8	7.589	929		.1	41.0	7.2			92

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

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83					.1													1	1		
82/ 81				.6	.2	.5	.1											14	14		
80/ 79		.4	1.0	1.5	1.7	1.4		.1						.1				58	58	1	
78/ 77		.9	3.5	4.4	.9	1.1	.1	.1										102	102	6	4
76/ 75		1.4	4.3	5.3	3.2	.8	.3	.1			.1							144	144	29	7
74/ 73	.2	3.8	5.1	4.2	1.2	1.2	.3											148	148	103	53
72/ 71		1.8	4.4	3.1	1.6	.8	.2	.1										112	112	133	74
70/ 69	.1	2.5	3.9	2.5	1.4	.4	.3	.2										105	105	145	116
68/ 67	.2	2.2	2.5	1.8	1.1	.3	.3	.1										79	79	133	137
66/ 65	.5	1.4	2.6	1.2	.9	.2												63	63	94	145
64/ 63		1.3	1.1	.8	.3	.2												34	34	89	68
62/ 61	.1	.5	.9	1.3	1.0													32	32	66	70
60/ 59		.3	.1	.9	.3													15	15	40	72
58/ 57		.2	.6	.4	.1													13	13	27	51
56/ 55		.1	.4	.3	.1													9	9	25	34
54/ 53			.1															1	1	25	23
52/ 51																				10	19
50/ 49																				3	23
48/ 47																				1	16
46/ 45																					12
44/ 43																					2
42/ 41																					2
38/ 37																					1
32/ 31																					1
TOTAL	1.2	16.8	30.4	28.0	14.1	6.9	1.7	.8			.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.	5686866	71940	77.4	11.458	930							
Dry Bulb	4796786	66590	71.6	5.568	930			76.3	46.7	4.8		93
Wet Bulb	4177624	62106	66.8	5.696	930			55.0	13.9			93
Dew Point	3844749	59447	63.9	6.945	930		.1	39.1	6.4			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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) MAY (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
96/ 95									.0		.0							3	3		
94/ 93								.0	.0	.0	.1							12	12		
92/ 91							.0	.1	.1	.1		.0		.0	.1			36	36		
90/ 89					.0	.1	.3	.8	.3	.1	.1	.1	.0	.1	.0			142	142		
88/ 87					.1	.4	.7	.7	.5	.1	.1	.1	.1	.0				211	211		
86/ 85				.0	.3	.9	1.1	.9	.5	.2	.1	.0	.0	.0				302	302		
84/ 83			.0	.2	1.2	1.3	1.2	.7	.4	.1	.1	.1	.0		.0			400	400		
82/ 81		.0	.1	.9	1.5	1.4	1.2	.5	.4	.2	.1	.1						479	479	2	
80/ 79		.1	.6	1.2	1.6	1.5	.5	.6	.3	.2	.2	.0		.0				501	501	40	
78/ 77		.5	1.8	2.2	1.3	.9	.5	.3	.2	.2	.1	.0						602	602	162	23
76/ 75	.0	1.2	2.5	2.5	1.4	.6	.4	.4	.1	.2	.1							704	705	467	102
74/ 73	.4	2.5	3.1	2.1	.6	.6	.3	.2	.3	.1								764	764	937	388
72/ 71	.5	3.0	3.6	1.4	.7	.3	.2	.2	.2	.0								754	754	1051	706
70/ 69	.4	3.0	2.9	.9	.6	.2	.2	.3	.1									638	638	1013	941
68/ 67	.3	2.7	2.2	.6	.3	.2	.2	.1	.0									499	499	942	1088
66/ 65	.4	2.3	1.6	.5	.3	.2	.1	.1	.0									406	406	673	962
64/ 63	.2	2.0	1.2	.3	.2	.2	.0											317	317	595	650
62/ 61	.1	1.2	.9	.3	.3	.1												215	215	452	543
60/ 59	.0	1.0	.5	.4	.2													164	164	318	445
58/ 57	.0	.4	.6	.3	.1													103	103	265	367
56/ 55		.3	.5	.2	.0													80	80	174	278
54/ 53		.2	.3	.1														50	50	161	156
52/ 51		.1	.3															30	30	91	179
50/ 49		.1	.2															17	17	53	154
48/ 47		.1	.0															7	7	31	17
46/ 45		.0																2	2	10	145
44/ 43																				1	80
42/ 41																					37
40/ 39																					13
38/ 37																					9
32/ 31																					2
TOTAL	2.3	20.9	23.1	14.2	10.8	8.9	6.9	5.9	3.6	1.6	1.0	.4	.1	.2	.1				7439		7438
																		7438		7438	

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.	42096225	545187	73.3	16.945	7438							
Dry Bulb	40789057	547495	73.6	8.154	7439			604.9	415.8	186.8	1.5	744
Wet Bulb	33977597	510539	67.3	6.286	7438			461.5	160.8	1.3		744
Dew Point	30600280	473770	63.7	7.542	7438		.2	324.9	51.3			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (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	1		
84/ 83			.1		.2	.1												4	4		
82/ 81			2.4	1.2	.6		.2											40	40		
80/ 79		.9	4.0	5.3	.7	.4	.1											103	103	2	
78/ 77		2.2	8.2	4.8	.9	.1												146	146	45	8
76/ 75	.6	5.7	8.8	4.1	.9	.1												181	181	100	74
74/ 73	.4	3.7	6.8	3.4	.3	.4	.1											137	137	195	111
72/ 71		1.9	5.1	1.7	.7	.6												89	89	160	170
70/ 69	.6	3.7	5.6	.8	1.2	.3												109	109	125	148
68/ 67	.3	1.8	1.9	.2	.4	.1												43	43	113	121
66/ 65		.4	.6	.3	.1													13	13	61	107
64/ 63		.4	.2	.2	.1													9	9	43	48
62/ 61		1.2	.3	.7														20	20	20	37
60/ 59		.3	.2															5	5	19	22
58/ 57																				10	18
56/ 55																				7	14
54/ 53																					15
52/ 51																					7
TOTAL	1.9	22.2	44.2	22.8	6.1	2.2	.4		.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.	6214962	74382	82.6	8.667	900							
Dry Bulb	4962599	66705	74.1	4.554	900			85.3	61.2	8.9		90
Wet Bulb	4472598	63314	70.3	4.540	900			74.0	34.2			90
Dew Point	4242370	61614	68.5	5.196	900			63.2	19.3			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

17974 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.2														2	2		
82/ 81			.9	.2	.3													13	13		
80/ 79		.9	3.0	1.1														45	45		
78/ 77		2.9	8.0	1.2	.3		.1											113	113	30	6
76/ 75	.4	7.0	9.0	2.3	.2	.3												174	174	91	59
74/ 73	1.2	8.1	8.3	.6														164	164	168	123
72/ 71	.9	4.2	5.0	.4	.1													96	96	181	173
70/ 69	.7	5.3	5.1	.1	.7	.4												111	111	109	145
68/ 67		4.8	2.4	.8	.7	.1												79	79	111	107
66/ 65	.6	1.7	1.9	.2	.4													43	43	81	99
64/ 63		1.3	.1	.6	.2													20	20	36	62
62/ 61		1.3	.3	.2														17	17	39	27
60/ 59		.3	.8	.1														11	11	17	33
58/ 57	.1	.4	.4	.1														10	10	21	20
56/ 55		.2																2	2	11	15
54/ 53																				5	18
52/ 51																					9
50/ 49																					4
TOTAL	3.9	38.6	45.3	8.2	3.0	.9	.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.	6773916	77776	86.4	7.655	900							
Dry Bulb	4738468	65158	72.4	4.853	900			79.7	51.1	2.9		9
Wet Bulb	4379773	62625	69.6	4.960	900			69.0	28.9			9
Dew Point	4204040	61312	68.1	5.500	900			61.3	18.8			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1?9?4	BERGSTROM AFB TX	69-70,73-80	JUN
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
?6/ 85						.1												1	1		
?4/ 83			.1	.4	1.0	.2												1?	16		
?2/ 81			.4	2.2	1.7	.1												40	40		
?0/ 79		.6	4.8	5.4	.8	.1	.1											106	106	1	
7?/ 77	.3	4.9	6.3	3.6	.7	.3												145	145	36	1?
76/ 75	.9	6.6	8.3	2.4	.4	.2												170	170	144	77
74/ 73	.9	4.8	5.3	1.7	.1	.3	.1											119	119	204	132
72/ 71	.6	4.1	4.1	.9	.2	.2												91	91	161	207
7?/ 69	.3	3.1	4.2	.4	.9	.3												84	84	92	139
68/ 67	.1	2.2	2.9	.3	.9													58	58	88	89
66/ 65	.3	1.9	.3	.4	.1													28	28	65	84
64/ 63		.9	.3	.2	.1													14	14	41	52
62/ 61		1.2	.3	.6														19	19	24	30
6?/ 59		.1	.1	.1														3	3	25	22
58/ 57		.6	.1															6	6	9	20
56/ 55																				8	16
54/ 53																				2	14
52/ 51																					6
50/ 49																					2
TOTAL	3.4	30.9	37.8	18.8	6.9	2.0	.2												900		900
																		900		900	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6406911	75511	83.9	8.915	900							
Dry Bulb	4953523	66617	74.0	5.015	900			83.0	59.7	10.9		9?
Wet Bulb	4499335	63489	70.5	4.788	900			72.6	38.5			9?
Dew Point	4284892	61914	68.8	5.339	900			65.4	21.9			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

12904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 97											.1							1	1		
96/ 95										.1								1	1		
94/ 93									.2									2	2		
92/ 91							.2	1.1	.4	.1								17	17		
90/ 89						.4	1.0	2.1	.7									38	38		
88/ 87					.3	2.4	4.1	2.8	.2		.1							90	90		
86/ 85				.2	2.3	9.7	3.6	.8	.8	.1	.1							158	158		
84/ 83			.1	2.6	6.0	6.2	1.1	1.3	.2									158	158		
82/ 81			1.4	4.4	4.9	3.2	1.3	.7	.6	.1								150	150		
80/ 79		.2	1.9	3.7	2.4	1.9	.8	.1	.2									101	101	21	1
78/ 77		.6	.4	1.6	1.3	1.1	.4	.3	.4	.2								58	58	140	10
76/ 75		.4	1.0	1.8	1.0	.4	.4	.3	.2									51	51	278	70
74/ 73	.1		.9	1.0	.7	.3	.1	.2										30	30	181	121
72/ 71		.4	1.2	.2		.2	.3											22	22	94	217
70/ 69	.4	.3	.3	.2		.1												13	13	80	193
68/ 67	.2				.2													4	4	43	100
66/ 65			.2		.1													3	3	27	65
64/ 63			.1															1	1	13	35
62/ 61		.2																2	2	14	31
60/ 59																				8	16
58/ 57																				1	11
56/ 55																					11
54/ 53																					1
52/ 51																					10
50/ 49																					1
48/ 47																					3
TOTAL	.8	2.2	7.7	15.7	19.3	26.1	13.4	9.8	4.0	.7	.3							900	900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4014212	59220	65.8	11.434	900							
Dry Bulb	6082630	73852	82.1	5.003	900			89.4	85.5	65.8	.4	9
Wet Bulb	4848055	65959	73.3	3.956	900			83.7	62.0	.7		9
Dew Point	4327801	62241	69.2	5.104	900			71.2	20.2			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101													.1					1	1		
100/ 99											.1	.3						4	4		
98/ 97										.2	.6	.4						11	11		
96/ 95								.1	.7	2.1	1.1	.2						38	38		
94/ 93							.3	.7	2.4	2.6	.3	.1						58	58		
92/ 91						.6	1.4	3.8	5.7	1.7	.9							126	126		
90/ 89					.1	2.0	4.3	7.6	5.0	1.7	.2	.2						190	190		
88/ 87					.6	2.2	5.9	5.1	1.4	.7	.1	.4						148	148		
86/ 85				.1	1.2	3.3	3.1	.9	1.1	.8	.4							99	99		
84/ 83			.1	.4	1.0	1.6	1.4	2.1	.7	.3	.2	.2						73	73		
82/ 81				.3	.4	.9	1.9	.7		.4	.4	.3						49	49	15	
80/ 79			.3	.6	1.0	1.0	.4		.3	.1	.1							35	35	77	1
78/ 77		.1		.8	.6	.4			.3									20	20	185	18
76/ 75		.1	.6	.2	.1	.1		.1										11	11	268	65
74/ 73		.3	.2	.1	.1	.2	.1											10	10	111	80
72/ 71		.3	1.0	.2														14	14	98	161
70/ 69	.1	.3	.2															6	6	71	216
68/ 67		.2	.1															3	3	30	130
66/ 65																				17	70
64/ 63		.2	.1															3	3	15	54
62/ 61		.1																1	1	12	44
60/ 59																				1	11
58/ 57																					13
56/ 55																					6
54/ 53																					14
52/ 51																					6
50/ 49																					3
48/ 47																					5
46/ 45																					3
TOTAL	.1	1.8	2.7	2.8	5.1	12.3	19.0	21.0	17.7	10.6	4.6	2.3	.1					900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2828757	49319	54.8	11.845	900							
Dry Bulb	6866894	78448	87.2	5.681	900			89.6	87.3	82.1	11.2	9
Wet Bulb	4985648	66890	74.3	3.979	900			85.5	65.6	[illegible]		90
Dew Point	4243523	61611	68.5	5.361	900			67.1	16.4			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103													.1	.1	.1			3	3		
102/101													.2	.3				5	5		
100/ 99											.3	1.0	.6					17	17		
98/ 97									.1	.4	1.6	.6	.1					25	25		
96/ 95								.4	1.0	1.7	2.0	.4						50	50		
94/ 93							.1	.9	3.6	3.8	2.1	.1						95	95		
92/ 91						.3	1.3	3.7	6.0	5.8	2.2	.1						175	175		
90/ 89					.1	2.2	3.3	6.0	4.8	1.7	.2	.4	.1					170	170		
88/ 87					.4	1.6	3.0	3.1	1.2	.9	.2	.4	.3					101	101		
86/ 85					.2	.7	1.8	2.3	1.3	1.9	.1	.6	.1					81	81		
84/ 83				.2	.7	.8	1.6	1.6	.7	.2	.6	.7						62	62		
82/ 81			.1	.6	.8	1.0	1.3	.4		.6								43	43	21	
80/ 79				.4	1.0	.3	.2			.2								20	20	86	
78/ 77			.3	.7	.1	.1			.1									12	12	161	19
76/ 75		.1	.1	.1	.3		.1											7	7	242	52
74/ 73			.6	.2														7	7	161	71
72/ 71	.3	1.0	.2	.2	.1													17	17	88	129
70/ 69			.4															4	4	65	176
68/ 67	.1		.1	.1														3	3	30	174
66/ 65																				18	100
64/ 63																				18	61
62/ 61		.2																2	2	7	42
60/ 59		.1																1	1	3	25
58/ 57																					17
56/ 55																					6
54/ 53																					6
52/ 51																					7
50/ 49																					13
48/ 47																					3
46/ 45																					4
TOTAL	.4	1.4	1.9	2.6	3.8	7.0	12.8	18.4	18.8	17.1	9.3	4.3	1.6	.4	.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.	2519827	46271	51.4	12.521	900							
Dry Bulb	7096297	79735	88.6	5.987	900			89.7	87.3	83.9	19.5	9
Wet Bulb	4984805	66885	74.3	3.965	900			85.4	67.1	5.2		9
Dew Point	4159118	60978	67.8	5.546	900			62.1	14.2			9

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-80 (YEARS) | JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
102/101													.1					1	1		
100/ 99											.1	.2	.1					4	4		
98/ 97											.7	.2	.1					9	9		
96/ 95								.1		.3	.4	.1						9	9		
94/ 93								.2	1.0	2.0	.6							34	34		
92/ 91							.2	1.7	2.7	1.9	.1	.1						60	60		
90/ 89						.4	1.6	4.0	3.2	.7	.7							95	95		
88/ 87				.1	1.0	2.2	4.0	4.0	1.8	.7	.2							126	126		
86/ 85				.3	1.9	4.6	4.8	2.4	1.0	.4	.3	.1	.1					144	144		
84/ 83			.3	.8	2.7	2.9	2.4	1.7	1.1	.4	.3	.3						117	117		
82/ 81			.7	1.7	1.4	2.4	1.8	1.1	.3	.2	.1							88	88	3	
80/ 79			.4	1.8	2.3	2.6	1.3	.6	.3	.3								87	87	33	2
78/ 77		.1	.9	.8	1.3	.4	.2	.2	.4									40	40	130	18
76/ 75		.6	.3	.9	.7	.3	.2	.3	.2									32	32	222	44
74/ 73	.1	.6	1.3	.2	.2													22	22	193	81
72/ 71		.4	.7	.2		.1												13	13	109	134
70/ 69	.2	.2	.2	.3	.1	.1	.1											12	12	99	176
68/ 67	.1	.2		.1														4	4	54	164
66/ 65																				21	101
64/ 63																				18	52
62/ 61																				13	49
60/ 59		.3																3	3	4	17
58/ 57																				1	24
56/ 55																					8
54/ 53																					5
52/ 51																					11
50/ 49																					5
48/ 47																					8
46/ 45																					1
TOTAL	.4	2.4	4.9	7.2	11.7	16.1	16.7	16.3	12.1	7.0	3.6	1.1	.4					900	900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3276086	52900	58.8	13.619	900							
Dry Bulb	6441337	75957	84.4	5.855	900			89.7	86.8	73.4	5.7	9
Wet Bulb	4828817	65827	73.1	3.968	900			84.3	58.1	1.5		9
Dew Point	4158684	60980	67.8	5.475	900			61.9	14.5			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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	.2								3	3		
90/ 89							.3	.3	.1									6	6		
88/ 87						.4	.8	.3	.1									15	15		
86/ 85					.9	2.3	1.4	.1										43	43		
84/ 83			.4	1.6	3.2	2.7	.9											79	79		
82/ 81		.2	2.1	3.4	5.6	3.0	.9	.1	.1									139	139		
80/ 79		.7	3.9	6.0	4.2	2.4	.2	.3		.1								161	161	8	
78/ 77		1.8	3.1	3.6	3.3	1.4	.6											124	124	73	15
76/ 75		1.9	3.1	3.4	3.3	.8	.6	.1	.1									120	120	158	68
74/ 73		.9	3.4	3.4	.8	.3	.6	.2										87	87	200	109
72/ 71	.3	1.7	2.4	.8	.4	.2	.4											57	57	150	147
70/ 69		1.2	1.7	.2	.6	.2	.3											40	40	124	174
68/ 67		.8	.6		.2	.1												15	15	84	132
66/ 65		.1		.4														5	5	56	100
64/ 63		.1	.1															2	2	16	59
62/ 61		.1		.1														2	2	17	34
60/ 59		.2																2	2	17	11
58/ 57																				3	22
56/ 55																					11
54/ 53																					11
52/ 51																					5
50/ 49																					6
TOTAL	.3	9.7	20.9	23.0	22.8	14.0	6.9	1.6	.6	.3								900	900	900	911

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.	4970856	66110	73.5	11.296	900							
Dry Bulb	5487245	70139	77.9	4.851	900			38.9	17.7	36.8		
Wet Bulb	4632243	64459	71.6	4.168	900			19.7	43.9			
Dew Point	4248198	61660	68.5	5.146	900			64.5	19.2			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAI

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew P
1[illegible] 4/103													.0	.0	.0			3	3		
1 2/101													.1	.0				7	7		
1[illegible]0/ 99											.1	.2	.1					25	25		
[illegible]8/ 97									.0	.1	.4	.2	.0					46	46		
[illegible]6/ 95								.1	.2	.5	.4	.1						98	98		
[illegible]4/ 93							.1	.2	.9	1.0	.4	.0						169	189		
[illegible]2/ 91						.1	.4	1.3	1.9	1.2	.4	.0						381	381		
[illegible] / 89					.0	.6	1.3	2.5	1.7	.5	.1	.1	.0					499	499		
[illegible]8/ 87				.0	.3	1.1	2.2	1.9	.6	.3	.1	.1	.0					480	480		
[illegible]6/ 85				.1	.8	2.6	1.8	.8	.5	.4	.1	.1	.0					527	527		
[illegible]4/ 83			.2	.8	1.8	1.8	.9	.8	.3	.1	.1	.2						511	511		
[illegible]2/ 81		.0	1.0	1.9	2.[illegible]	1.3	.9	.4	.1	.2	.1	.0						562	562	39	
[illegible]0/ 79		.4	2.3	3.0	1.6	1.1	.4	.1	.1	.1	.0							658	658	228	
78/ 77	.	1.6	3.4	2.1	1.1	.5	.2	.1	.2	.[illegible]								658	658	800	1[illegible]
[illegible]6/ 75	.2	2.8	3.9	1.9	.9	.3	.2	.1	.1									746	746	1503	50
[illegible]4/ 73	.3	2.3	3.4	1.3	.3	.2	.1	.1										576	576	1413	82
[illegible]2/ 71	.3	1.8	2.5	.6	.2	.2	.1											399	399	1041	133
[illegible]0/ 69	.3	1.8	2.2	.3	.5	.2	.1											379	379	765	136
[illegible]8/ 67	.1	1.3	1.0	.2	.3	.0												209	209	553	101
[illegible]6/ 65	.1	.5	.4	.2	.1													92	92	340	72
[illegible]4/ 63		.4	.1	.1	.1													49	49	270	42
[illegible]2/ 61		.6	.1	.2														63	63	146	29
[illegible]0/ 59		.2	.1	.0														25	25	94	15
[illegible]8/ 57	.[illegible]	.1	.1	.0														16	16	45	[illegible]
56/ 55		.0																2	2	26	8
[illegible]4/ 53																				7	9
[illegible]2/ 51																					0
[illegible]0/ 49																					3
[illegible]8/ 47																					1
[illegible]6/ 45																					
TOTAL	1.4	13.7	20.7	12.6	9.8	10.1	8.7	8.4	6.7	4.5	2.2	1.0	.3	.1	.0			7200	7200		72[illegible]
																				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.	37005527	501489	69.7	16.982	7200							
Dry Bulb	46628993	576611	80.1	7.917	7200			695.3	596.6	364.7	36.8	7[illegible]
Wet Bulb	37631274	519448	72.1	4.646	7200			634.2	398.3	11.5		7[illegible]
Dew Point	33868626	492310	68.4	5.352	7200			516.7	144.5			7[illegible]

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 SUMM

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | J MO

 2000 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
[illegible]/ 87							.2	.1										3	3	
[illegible]/ 85						.4	.3	.3										10	10	
[illegible]/ 83				.3	.9	2.9	1.1	.4										52	52	
[illegible]/ 81			.8	1.9	5.6	3.3	1.2	.4										123	123	
[illegible]/ 79		1.0	4.0	6.3	5.2	1.4	.5	.1										172	172	1
78/ 77	.2	1.4	7.0	9.0	3.2	1.2	.4											209	209	25
76/ 75		3.4	10.1	6.0	1.5													196	196	94
[illegible]4/ 73		3.0	6.5	3.1		.1												118	118	334
[illegible]2/ 71		2.3	1.7	.8														44	44	259
[illegible]0/ 69			.1		.1													2	2	169
66/ 67				.1														1	1	39
[illegible]6/ 65																				6
64/ 63																				2
[illegible]2/ 61																				1
[illegible]/ 59																				
[illegible]6/ 57																				
TOTAL	.2	11.1	30.1	27.6	16.5	9.4	3.8	1.4										930	930	930

[illegible]	[illegible]	[illegible]	No. Obs.	Mean No. of Hours with Temperature					
				≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
[illegible]2	[illegible].7	9.924	93[illegible]			93.0	88.3	27.4	
[illegible]1	[illegible].4	[illegible].243	93[illegible]			92.1	45.4		
[illegible]	[illegible]	[illegible].51	93[illegible]			80.5	13.1		

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69-70,73-8[illegible] (YEARS) | JUL (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
[illegible]4/ 83					.1	.2												3	3		
[illegible]2/ 81				.2	1.3	.8	.2											23	23		
[illegible]/ 79		.4	1.9	2.7	1.9	.8												72	72		
7[illegible]/ 77	.5	3.0	8.3	7.4	2.3	.9	.3											211	211	2[illegible]	14
[illegible]0/ 75	.3	7.5	13.3	5.6	2.[illegible]	.8												275	275	61	3[illegible]
[illegible]4/ 73	.3	8.7	10.6	3.5	.3	.1												220	220	264	91
[illegible]/ 71		5.4	4.1	1.3	.2													102	102	286	236
[illegible]/ 69		1.0	1.1	.1														20	20	193	257
[illegible]/ 67			.1	.1														2	2	87	166
6/ 65			.1	.1														2	2	13	63
[illegible]4/ 63																				3	2[illegible]
[illegible]2/ 61																				3	17
[illegible]/ 59																					6
[illegible]8/ 57																					3
TOTAL	1.2	26.0	39.6	21.1	8.2	3.4	.5											930	930	930	93[illegible]

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.	640741[illegible]	76780	82.6	8.588	930							
Dry Bulb	5287216	70080	75.4	2.614	930			92.8	80.4	5.4		93
Wet Bulb	4763376	66518	71.5	2.476	930			91.1	34.5			93
Dew Point	4518277	64757	69.6	3.142	930			79.4	13.5			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

13904 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-80 — YEARS
JUL — MONTH

0600-0900 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 87							.1	.1										2	2		
6/ 85					.1	.1	.3											5	5		
[illegible]/ 83			.2	.4	2.5	.6	.2	.3										40	40		
[illegible]/ 81		.3	1.1	3.4	3.[illegible]	1.4	.5	.2										93	93		
[illegible]/ 79		.5	4.7	6.6	2.7	.4												132	132	9	3
7[illegible]/ 77	.6	3.0	8.5	6.2	2.2	.6	.1											198	198	42	23
[illegible]/ 75	.5	5.9	11.7	3.1	1.5	.2	.1											215	215	143	56
4/ 73	.4	6.1	6.6	2.[illegible]		.2												143	143	309	135
[illegible]/ 71	.2	4.4	3.2	.9	.1													82	82	223	274
[illegible]/ 69		.8	1.1															17	17	128	217
[illegible]/ 67			.1	.1														2	2	58	124
6/ 65																				12	5
[illegible]/ 63																				4	2
[illegible]/ 61			.1															1	1	1	5
[illegible]/ 59																				1	3
[illegible]/ 57																					0
TOTAL	1.8	21.1	36.6	28.8	12.0	3.7	1.4	.6										930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6211009	75493	81.2	9.443	930							
Dry Bulb	5486049	71357	76.7	3.437	930			92.9	82.8	20.3		93
Wet Bulb	4889192	67384	72.5	2.710	930			91.2	50.3	.3		93
Dew Point	4621867	65491	70.4	3.275	930			83.0	21.4	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible] 4 — STATION
BERGSTROM AFB TX — STATION NAME
69-70,73-8 — YEARS
JUL — MONTH

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 99												.1						1	1		
[illegible] / 97									.1									1	1		
[illegible] / 95								.1			.2	.4						7	7		
[illegible] / 93								.4	.9	1.1	.9	.3						33	33		
[illegible] / 91							.9	1.3	2.6	1.5	.3	.1						62	62		
[illegible] / 89					.1	.8	1.9	6.5	3.0	.5	.3							122	122		
[illegible] / 87					.4	3.2	6.9	3.8	1.4	.1								147	147		
[illegible] / 85				.3	3.0	10.4	6.9	1.2	.1	.2								266	266		
[illegible] / 83			.1	2.5	4.4	6.0	1.1	.3	.1									135	135		
[illegible] / 81		.1	.5	2.9	5.3	1.3	.4											98	98	4	
[illegible] / 79			1.1	1.4	1.7	1.1	.1											49	49	45	[illegible]
7[illegible] / 77		.1	1.3	1.3	.6													31	31	165	11
[illegible] / 75		.4	1.4	.3	.4	.2												26	26	367	73
[illegible] / 73		.3	.3	.1	.3													9	9	253	149
[illegible] / 71		.1	.2															3	3	62	232
[illegible] / 69																				25	241
[illegible] / 67																				5	115
[illegible] / 65																				4	65
[illegible] / 63																					19
[illegible] / 61																					1
[illegible] / 59																					[illegible]
[illegible] / 57																					[illegible]
TOTAL		1.1	4.9	9.2	15.7	23.0	1[illegible].2	13.5	8.2	3.4	1.7	1.0						930	93[illegible]	93[illegible]	93

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.	3664368	57436	61.8	11.231	930							
Dry Bulb	6802468	79432	85.4	4.417	930			93.0	92.7	84.1	4.2	93
Wet Bulb	5237582	69760	75.0	2.281	930			92.6	83.4	1.9		93
Dew Point	4621691	65493	70.4	3.199	930			82.6	23.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-8[illegible] YEARS | JUL MONTH

PAGE 1 | 12.0-14.0 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 [illegible]/105															.1			1	1		
1 [illegible]/103																.1		1	1		
2 2/101												.1	.2	.3		.2		8	8		
1 [illegible]/ 99										.2	.2	.1	.9	.2	.3			18	18		
[illegible]/ 97									.2	.4	2.3	3.5	2.0	.9	.1			88	88		
[illegible]/ 95								.1	1.4	3.5	5.1	3.2	1.0					133	133		
[illegible]/ 93							.2	1.7	4.1	6.1	3.8	.6						154	154		
[illegible]/ 91							.9	4.5	7.3	4.1	.4	.3						163	163		
[illegible]/ 89						.5	3.8	6.6	4.3	.5	.2							148	148		
[illegible]/ 87						1.2	2.9	3.2	.9	.1	.1							78	78		
[illegible]/ 85					.5	1.6	1.8	1.2	.3									51	51		
[illegible]/ 83				.1	.[illegible]	.5	.6											17	17		
[illegible]/ 81				.4	.6	.8	.1		.1									19	19	16	
[illegible]/ 79			.6	.8	.[illegible]	.2		.1										21	21	69	
78/ 77		.1	.5	.2	.2													10	10	219	[illegible]
[illegible]/ 75		.2	.9	.2	.1		.1											14	14	366	36
74/ 73		.1	.3															4	4	194	116
[illegible]/ 71				.1														1	1	57	131
[illegible]/ 69		.1																1	1	13	219
[illegible]/ 67																				2	2 [illegible]
[illegible]/ 65																				3	1.6
[illegible]/ 63																					46
[illegible]/ 61																					1
[illegible]/ 59																					1 [illegible]
[illegible]/ 57																					[illegible]
56/ 55																					[illegible]
TOTAL		.5	2.4	1.8	2.6	4.8	10.4	17.4	18.6	15.1	12.0	8.0	4.1	1.4	.5	.3		930	930	930	93[illegible]

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.	2373144	45714	49.2	11.650	930							
Dry Bulb	7749724	84756	91.1	5.234	930			93.0	92.8	88.5	40.3	93
Wet Bulb	5320564	70310	75.6	2.315	930			92.7	85.4	3.6		93
Dew Point	4417911	64009	68.8	3.649	930			71.4	15.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-8 YEARS | JUL MONTH

PAGE 1 | 15[illegible]-17[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/105															.1	.1		2	2		
[illegible]/103													.1	.1	.3	.4		9	9		
2/101												.1	1.2	.8	1.2	.3	.1	34	34		
[illegible]/ 99											.4	2.5	4.5	2.4	.6	.1		98	98		
[illegible]/ 97									.1	1.4	2.8	5.7	2.2	1.0	.1			123	123		
[illegible]/ 95									.4	3.7	3.6	4.8	2.5					139	139		
[illegible]/ 93								1.7	4.1	5.6	2.3	.9	.1					136	136		
[illegible]/ 91						.1	.5	2.8	5.2	4.0	.9	.1						126	127		
[illegible]/ 89				.1		.1	.6	3.2	3.7	.9	.2							82	82		
[illegible]/ 87						.4	1.3	1.9	1.0	.1	.1							45	45		
6/ 85					[illegible]	1.3	1.4	.8	.3	.2								39	39		
4/ 83				.1	[illegible]	1.5	.8	.1		.1								32	32	1	
[illegible]/ 81				.5	[illegible]	.8	.1											21	21	5	1
[illegible]/ 79			.1	.2	[illegible]	.4												12	12	72	
[illegible]/ 77			[illegible]	.4	[illegible]													8	8	208	1
[illegible]/ 75		.1	.9	.1														10	10	327	17
[illegible]/ 73		.1	1.1	.1														12	12	211	66
[illegible]/ 71		.1																1	1	82	130
[illegible]/ 69																				20	172
[illegible]/ 67																				3	209
6/ 65																					15[illegible]
4/ 63																					67
[illegible]/ 61																					[illegible]
[illegible]/ 59																					34
[illegible]/ 57																					11
50/ 55																					4
4/ 53																					[illegible]
2/ 51																					1
TOTAL		.3	2.3	1.6	2.7	4.6	4.7	10.5	14.7	15.9	10.2	14.1	10.5	4.2	2.4	1.0	.1	929	930	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2047888	41980	45.2	12.751	929							
Dry Bulb	8034804	86262	92.8	6.013	930			93.0	92.9	89.4	54.1	93
Wet Bulb	5278975	69997	75.3	2.307	929			93.0	82.5	2.3		93
Dew Point	4252861	62747	67.5	3.990	929			59.9	8.7	.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

1[illegible]4 | BERGSTROM AFB TX | 69-79,73-80 | JUL

STATION | STATION NAME | YEARS | MONTH

 18[illegible]-2[illegible]

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/101														.3	.3			6	6		
[illegible]/ 99												.3	.6	.4	.3	.1		17	17		
[illegible]/ 97										.3	1.3	1.4	1.6	1.0	.3			55	55		
[illegible]/ 95									.1	1.4	2.2	3.3	.8	.2				74	74		
[illegible]/ 93								.3	1.5	2.7	3.2	1.8	.5					94	94		
[illegible]/ 91							.2	2.8	3.2	5.7	1.3	.4	.1					128	128		
[illegible]/ 89						.1	1.8	4.0	4.3	2.2	.5							120	120		
[illegible]/ 87						1.1	3.2	3.9	1.7	.6								98	98		
[illegible]/ 85				.2	.2	3.1	3.6	2.7	.3		.1							95	95		
[illegible]/ 83				.8	1.[illegible]	2.2	2.0	.3		.1								64	64		
[illegible]/ 81				.6	1.[illegible]	2.8	.9	.1										59	59		
[illegible]/ 79			.8	1.3	1.2	1.0			.1									40	40	15	
7[illegible]/ 77			.4	1.4	1.1	.1												28	28	178	[illegible]
[illegible]/ 75		.1	2.0	1.1	.1													31	31	252	11
[illegible]/ 73		.5	.9	.2														15	15	298	77
[illegible]/ 71		.2	.1															3	3	166	151
[illegible]/ 69																				[illegible]	176
[illegible]/ 67																				3	213
[illegible]/ 65																				3	14[illegible]
[illegible]/ 63																					7[illegible]
[illegible]/ 61																					[illegible]
[illegible]/ 59																					[illegible]
[illegible]/ 57																					[illegible]
56/ 55																					1
[illegible]/ 53																					
TOTAL		.9	4.2	5.6	6.0	10.4	11.3	14.1	11.3	13.1	8.6	7.3	3.7	1.9	1.0	.1			927		9[illegible]7
																		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.	2735513	48523	52.3	14.535	927							
Dry Bulb	7259272	81828	88.3	6.249	927			93.0	92.7	83.4	24.7	9[illegible]
Wet Bulb	5100557	68729	74.1	2.300	927			92.7	70.5	.4		9[illegible]
Dew Point	4256849	62713	67.7	3.918	927			61.3	9.1			9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible] 4 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-8[illegible] YEARS | JUL MONTH

21 0-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 93									.1		.1							2	2		
/ 91								.1	.9	.5	.1							15	15		
/ 89						.2	.5	1.8	1.5	.5	.5	.1						49	49		
6/ 87						.5	2.2	4.4	1.8	.8	.2							92	92		
6/ 85					1.0	4.0	4.9	2.6	1.2	.3								129	129		
4/ 83				1.1	3.7	4.1	2.4	1.4	.1									118	118		
/ 81			.9	3.2	4.9	4.1	1.4	.1	.1									136	136		
/ 79			1.5	5.	7.2	2.2	.1											148	148	5	
7 / 77			3.9	3.3	4.5	.4	.1											113	113	57	[illegible]
6/ 75		.8	2.2	2.7	.9	.1	.1											62	62	172	31
4/ 73		1.3	3.[illegible]	.8	.1													48	48	337	99
/ 71		.5	1.0	.1														15	15	21[illegible]	155
/ 69																				170	235
/ 67																				22	227
6/ 65																				4	103
4/ 63																					35
/ 61																					23
/ 59																					9
/ 57																					8
TOTAL		2.6	12.3	16.2	22.2	15.6	11.7	10.5	5.7	2.2	1.0	.1							927		927
																		927		927	

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.	4204277	61367	66.2	12.375	927			93.0	91.5	62.7	.2	93
Dry Bulb	6215022	75784	81.8	4.593	927			92.6	57.3	.1		9[illegible]
Wet Bulb	4948649	67695	73.0	2.361	927			75.1	13.2			93
Dew Point	4415408	63904	68.9	3.302	927							

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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69-70,73-80 YEARS | JUL 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
5/105															.0	.0		3	3		
4/103													.0	.0	.0	.1		10	10		
2/101												.0	.2	.2	.2	.1	.0	48	48		
0/ 99										.0	.1	.4	.8	.4	.2	.0		134	134		
0/ 97									.1	.3	.8	1.3	.7	.3	.1			267	267		
0/ 95								.0	.2	1.1	1.4	1.5	.5	.0				353	353		
4/ 93							.0	.5	1.3	1.9	1.3	.5	.1					419	419		
/ 91						.0	.3	1.4	2.4	2.0	.4	.1	.0					494	495		
/ 89				.0	.0	.2	1.1	2.8	2.1	.6	.2	.0						521	521		
9/ 87					.1	.8	2.1	2.2	.8	.2	.1							465	465		
6/ 85				.1	.5	2.6	2.4	1.1	.3	.1	.0							535	535		
4/ 83			.0	.7	1.8	2.3	1.0	.4	.0	.0								461	461	1	
3/ 81		.1	.4	1.7	2.9	1.9	.6	.1	.0									572	572	25	1
/ 79		.2	1.7	3.1	2.6	.9	.1	.0	.0									646	646	216	5
7/ 77	.2	1.0	3.8	3.7	1.4	.4	.1											808	808	874	66
5/ 75	.1	2.3	5.3	2.4	.8	.2	.0											829	829	1782	267
4/ 73	.1	2.5	3.7	1.2	.1	.1												569	569	2190	825
/ 71	.0	1.6	1.3	.4	.0													251	251	1347	1523
/ 69		.2	.3	.0	.0													40	40	718	1773
0/ 67			.0	.0														5	5	220	1453
0/ 65			.0	.0														2	2	45	822
0/ 63																				9	326
2/ 61			.0															1	1	5	18
0/ 59																				1	106
0/ 57																					51
0/ 55																					16
0/ 53																					4
0/ 51																					1
TOTAL	.4	8.0	16.5	13.3	10.7	9.4	7.8	8.5	7.3	6.2	4.2	3.8	2.3	.9	.5	.2	.0	7433	7434	7433	7433

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.	33204958	478616	64.4	17.920	7433							
Dry Bulb	52448132	621690	83.6	7.845	7434			743.7	714.1	461.1	123.5	744
Wet Bulb	40389773	547525	73.7	2.801	7433			738.0	509.3	8.6		744
Dew Point	35614778	513816	69.1	3.605	7433			593.3	118.5	.2		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13974 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 89								.2											2	2		
[illegible] / 87								.3	.2										5	5		
96 / 85					.1	.1	.3												5	5		
[illegible] / 83				.2	1.2	.4	.2	.2											21	21		
[illegible] / 81			.5	1.8	3.8	1.4	.3												73	73		
[illegible] / 79		.4	2.6	11.2	5.7	.8													192	192		
78 / 77		3.4	9.4	9.1	2.9	.5	.1												237	237	22	2
76 / 75	.2	5.5	7.6	4.5	1.6	.2	.1												184	184	115	41
74 / 73	.3	5.9	4.7	3.0	.3														133	133	354	136
72 / 71	.3	3.4	1.6	1.0	.1		.1												61	61	237	292
[illegible] / 69		.5	.3	.2	.1														11	11	128	205
[illegible] / 67		.1	.1	.2	.1														5	5	57	142
[illegible] / 65				.1															1	1	7	68
[illegible] / 63																					6	27
[illegible] / 61																					2	9
[illegible] / 59																					2	4
56 / 55																						3
4 / 53																						1
TOTAL	.9	19.4	26.9	31.4	15.9	3.4	1.2	.8	.2										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.	5963830	73942	79.5	9.559	930							
Dry Bulb	5519156	71580	77.0	3.249	930			92.9	85.2	19.3		93
Wet Bulb	4861868	67202	72.3	2.507	930			91.3	49.1			93
Dew Point	4570550	65132	70.0	3.124	930			81.8	17.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17904	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

 2300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82/ 81			.1	.5	1.2	.1	.1											19	19		
80/ 79		.5	1.5	4.7	.9	.5												76	76		
78/ 77		4.5	7.5	4.6	1.2	.1												167	167	12	1
76/ 75	1.2	8.9	12.8	6.5	.9	.1												282	282	133	56
74/ 73	.4	9.4	7.2	3.9	.5	.1												200	200	265	115
72/ 71	1.5	5.8	5.2	.8	.4													127	127	268	279
70/ 69	.6	2.2	1.6	.2														43	43	172	222
68/ 67	.2	.6	.1		.1													10	10	76	142
66/ 65	.1		.3	.2														6	6	26	72
64/ 63																				2	28
62/ 61																				4	7
60/ 59																				2	6
58/ 55																					7
TOTAL	4.1	31.9	36.3	21.4	5.2	1.0	.1												930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6743041	78831	84.8	8.101	930							
Dry Bulb	5227516	69674	74.9	2.871	930			92.4	74.4	5.3		93
Wet Bulb	4778560	66618	71.6	2.658	930			89.6	38.0			93
Dew Point	4566450	65102	70.0	3.142	930			81.2	16.9			93

USAFETAC FORM AM 3 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]4 — STATION
BERGSTROM AFB TX — STATION NAME
69,72-80 — YEARS
AUG — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible]6/ 85					.1	.1	.1												3	3		
[illegible]4/ 83			.1	.3	1.1	.2													16	16		
[illegible]2/ 81		.1	.8	2.6	1.6	.5													52	52		
[illegible]0/ 79		1.2	4.7	6.3	1.[illegible]														123	123	6	1
[illegible]8/ 77	.2	4.6	7.5	4.2	.9	.2													164	164	33	15
[illegible]6/ 75	.8	8.4	9.7	3.7	.9														217	217	156	74
[illegible]4/ 73	1.6	8.3	7.3	2.6	.4	.1													189	189	272	172
[illegible]2/ 71	1.7	4.6	4.4	.8	.3														110	110	234	264
[illegible]0/ 69	.8	1.6	1.4	.2															37	37	134	196
[illegible]8/ 67	.2	.6	.4	.1															13	13	61	118
[illegible]6/ 65		.3	.1	.1															5	5	22	57
[illegible]4/ 63			.1																1	1	6	16
[illegible]2/ 61																					2	7
[illegible]0/ 59																					2	6
[illegible]8/ 57																						1
56/ 55																						1
TOTAL	5.3	29.8	36.6	20.9	6.2	1.2	.1												93[illegible]	930	93[illegible]	93[illegible]

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.	6751806	78850	84.8	8.461	930							9[illegible]
Dry Bulb	5324571	70297	75.6	3.433	930			92.4	76.4	13.3		9[illegible]
Wet Bulb	4860935	67183	72.2	2.870	930			89.8	46.9	.1		9[illegible]
Dew Point	4651647	65705	70.7	3.207	930			84.0	26.2			9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible] | BERGSTROM AFB TX | 69,72-80 | AUG

STATION | STATION NAME | YEARS | MONTH

 [illegible]-11[illegible]

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Poin
[illegible]/ 97											.1	.1						2	2		
[illegible]/ 95										.1	.4							5	5		
[illegible]/ 93							.1	.2	.3	.6	.1							13	13		
[illegible]/ 91							.1	1.1	2.4	.8								40	40		
[illegible]/ 89					.?	1.1	2.5	5.7	1.3	.2								103	103		
8/ 87				.1	1.1	3.0	8.1	4.8	1.0									168	168		
6/ 85				.3	2.3	11.2	3.8	.3	.2	.1								169	169		
[illegible]/ 83		.1	.5	2.6	8.3	4.7	1.3	.6										166	166	1	
[illegible]/ 81		.2	1.4	4.1	4.4	1.3	.6											112	112	8	2
[illegible]/ 79		.5	3.3	1.9	1.[illegible]	.8	.1											71	71	47	6
7[illegible]/ 77		.8	2.0	1.0	.2	.3												40	40	190	31
[illegible]/ 75		.5	.5	.9	.1													19	19	424	75
[illegible]/ 73	.1	.8	.5	.2	.1													16	16	174	206
[illegible]/ 71		.4	.2															6	6	53	252
[illegible]/ 69																				29	215
[illegible]/ 67																				3	83
[illegible]/ 65																				1	34
4/ 63																					12
[illegible]/ 61																					6
[illegible]/ 59																					1
TOTAL	.1	3.3	8.6	11.1	17.4	22.4	16.6	12.8	5.2	1.8	.6	.1						930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4074910	60602	65.2	11.640	930							
Dry Bulb	6679056	78710	84.6	4.338	930			93.0	92.4	80.7	2.0	93
Wet Bulb	5282428	70060	75.3	2.219	930			92.9	84.4	2.2		93
Dew Point	4736613	66311	71.3	3.024	930			57.7	32.0	.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 SUMMA

13 - 4 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | AUG MONTH

 1200-1 HOURS (L. S

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
[illegible] 2/101													.2	.1				3	3	
[illegible] 0/ 99											.1	.3	1.1	.2				16	16	
[illegible] 8/ 97										.4	1.6	2.6	.2	.1				46	46	
6/ 95								.1	.2	3.8	4.3	2.3	.3	.1				103	103	
[illegible] 4/ 93							.2	1.3	6.2	7.5	2.3	.3	.1					167	167	
[illegible] 2/ 91						.3	1.3	5.1	8.8	5.2	1.0							211	211	
[illegible] / 89					.1	.6	3.3	7.8	4.6	1.1	.6	.3						173	173	
[illegible] 8/ 87					.1	1.3	5.1	2.2	.6	.3	.2							91	91	
[illegible] 6/ 85				.1	.4	2.3	1.3	.8	.3	.2								50	50	
4/ 83				.4	.6	.2	.2	.3										17	17	
[illegible] / 81			.1	.8	.2	.2	.1											13	13	13
[illegible] / 79			.9	.2	.4		.1											15	15	57
78/ 77		.5	.4	.5	.1													15	15	271
[illegible] 6/ 75			.6	.1														7	7	397
[illegible] 4/ 73		.4	.4															8	8	139
[illegible] 2/ 71		.2	.3															5	5	45
[illegible] / 69																				22
[illegible] 6/ 67																				5
[illegible] 6/ 65																				
[illegible] 4/ 63																				
[illegible] 2/ 61																				
[illegible] / 59																				
[illegible] 6/ 57																				
TOTAL		1.2	2.8	2.2	2.0	4.9	11.6	17.5	20.9	18.5	10.1	5.8	1.9	.5					93	
																		930		930

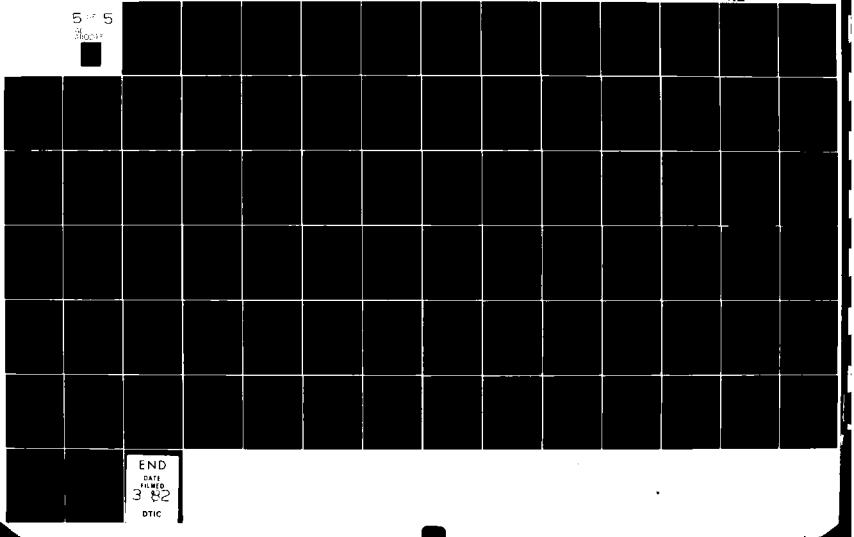
Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tot
Rel. Hum.	2526421	47247	50.8	11.652	930			93.[illegible]	92.5	88.9	[illegible]	
Dry Bulb	7656222	84260	90.6	4.876	930			93.0	85.8	2.6		
Wet Bulb	5344759	70473	75.8	2.200	930			77.2	14.9			
Dew Point	4487753	64525	69.4	3.425	930							

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

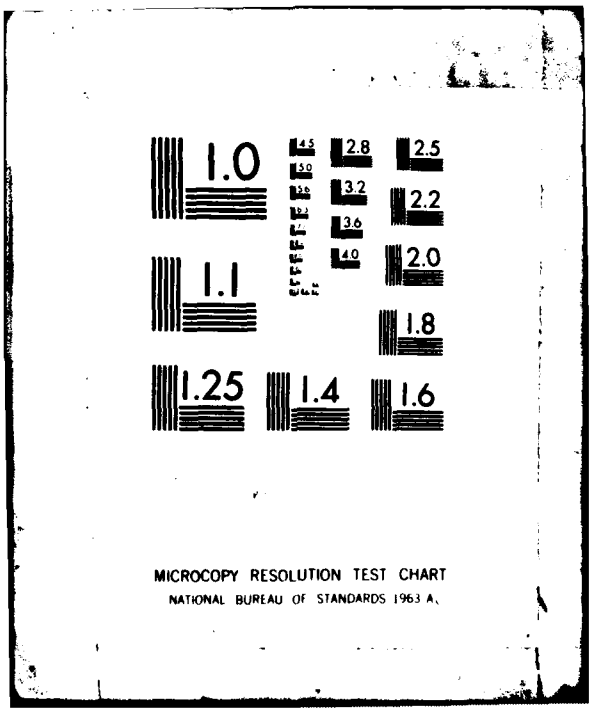
AD-A110 243 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
BERGSTROM AFB, AUSTIN, TEXAS REVISED UNIFORM SUMMARY OF SURFACE--ETC(U)
AUG 81

UNCLASSIFIED USAFETAC/DS-81/088 SBI-AD-E850 126 NL

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12

17904	BERGSTROM AFB TX	69,72-80	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 [illegible] 6/105															.1			1	1		
1 4/103														.1	.2			3	3		
1 2/101												.1		.5	.1			7	7		
1 0/ 99											.4	1.6	1.8	1.0	.2			47	47		
98/ 97										.2	1.8	5.8	2.5	.6				102	102		
96/ 95								.4	.2	4.7	7.8	4.2	.5					167	167		
94/ 93								.8	4.5	6.7	4.7	1.6	.1					171	171		
92/ 91							.6	3.0	5.8	3.2	1.7	.1	.1					136	136		
90/ 89						.3	1.4	3.5	3.8	1.1	.2	1.0						105	105		
88/ 87						1.1	1.8	2.3	.3	.3	.3							57	57		
86/ 85				.1	.4	1.6	.4	.3	.2									29	29		
84/ 83				.5	1.2	.6	.3											25	25		
82/ 81			.5	1.6	.5	.5	.2											32	32	8	
80/ 79			.6	.4	.4	.3												17	17	42	
78/ 77		.1	.8	.3	.4													15	15	229	11
76/ 75		.1	.3	.3														7	7	390	28
74/ 73		.3	.3	.1														7	7	171	68
72/ 71		.1	.1															2	2	57	136
70/ 69																				23	192
68/ 67																				10	220
66/ 65																					147
64/ 63																					66
62/ 61																					32
60/ 59																					12
58/ 57																					9
56/ 55																					9
TOTAL		.6	2.7	3.4	3.0	4.5	4.8	10.3	14.8	16.2	17.1	14.4	5.1	2.3	.6			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.	2241559	44021	47.3	13.035	930							
Dry Bulb	7869051	85391	91.8	5.548	930			93.0	92.8	89.3	49.8	93
Wet Bulb	5290759	70115	75.4	2.229	930			93.0	84.0	1.8		93
Dew Point	4332136	63374	68.1	3.822	930			65.5	10.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | AUG 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
104/103															.1			1	1		
102/101													.1	.1				2	2		
100/ 99												.2	.4	.3				9	9		
98/ 97										.1	.5	.9	.9	.1	.1			24	24		
96/ 95									.1	1.0	1.6	1.6	.3	.1				44	44		
94/ 93								.3	.6	3.9	2.6	.9						77	77		
92/ 91						.2	.3	1.4	2.9	4.9	1.0	.2	.2					104	104		
90/ 89						.1	1.5	4.8	4.6	.9	.5	.2						118	118		
88/ 87					.3	1.0	4.6	5.9	2.4	.4	.1	.1						138	138		
86/ 85					.5	4.8	2.9	2.5	.6	.4	.1							111	111		
84/ 83			.1	1.1	3.1	3.8	1.6	1.3	.2									104	104		
82/ 81		.1	.5	1.3	2.4	1.0	.8	.3	.2									61	61	4	
80/ 79		.3	1.5	1.8	1.8	.4	.1	.1										57	57	17	
78/ 77			1.2	2.2	.6	.4												41	41	115	11
76/ 75		.2	.9	1.0	.2		.1											22	22	334	29
74/ 73		.4	.3	.2														9	9	283	75
72/ 71	.1	.6	.1															8	8	112	158
70/ 69																				46	220
68/ 67																				15	189
66/ 65																				4	123
64/ 63																					70
62/ 61																					30
60/ 59																					7
58/ 57																					10
56/ 55																					6
54/ 53																					2
TOTAL	.1	1.7	4.6	7.5	9.0	11.7	11.9	16.7	11.7	11.6	6.5	4.1	1.9	.6	.2			930	930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3098632	52012	55.9	14.292	930							
Dry Bulb	7061328	80862	86.9	5.731	930			93.0	92.2	82.6	15.7	93
Wet Bulb	5137608	69088	74.3	2.363	930			92.6	75.3	.7		93
Dew Point	4378389	63713	68.5	3.812	930			68.2	11.5			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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95												.1						1	1		
94/ 93											.1							1	1		
92/ 91									.1	.2								3	3		
90/ 89							.2	.5	.4	.4								15	15		
88/ 87						.2	1.0	1.7	1.1		.1							38	38		
86/ 85					.2	4.0	3.5	1.3	.6									90	90		
84/ 83				.9	5.4	6.3	3.4	.5										154	154		
82/ 81		.1	.6	3.2	7.4	4.0	1.4	.2										158	158		
80/ 79		.4	3.1	5.7	4.4	3.2	.8	.1										165	165	2	
78/ 77		1.5	4.8	5.4	2.5	.9	.1	.1										142	142	33	6
76/ 75		2.8	3.3	2.4	1.7	.3	.1											99	99	218	26
74/ 73		2.2	1.4	.8	.3	.1	.1											45	45	342	108
72/ 71	.1	1.0	.3		.1	.1												15	15	211	256
70/ 69		.2	.1															3	3	83	230
68/ 67		.1																1	1	28	151
66/ 65																				8	87
64/ 63																				3	38
62/ 61																				2	17
60/ 59																					4
58/ 57																					4
56/ 55																					2
54/ 53																					1
TOTAL	.1	8.3	13.8	18.3	22.0	19.1	10.6	4.5	2.3	.6	.2	.1						930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4718177	65299	70.2	11.977	930							
Dry Bulb	6034493	74819	80.5	4.053	930			93.0	91.1	54.9	.2	93
Wet Bulb	4961273	67891	73.0	2.356	930			91.7	59.5			93
Dew Point	4504482	64652	69.5	3.279	930			77.7	14.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 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														.0	.0			4	4		
102/101												.0	.0	.1	.0			12	12		
100/ 99											.1	.3	.4	.2	.0			72	72		
98/ 97										.1	.5	1.2	.4	.1	.0			174	174		
96/ 95								.1	.1	1.2	1.8	1.0	.1	.0				320	320		
94/ 93							.0	.3	1.5	2.3	1.2	.3	.0					429	429		
92/ 91						.1	.3	1.3	2.5	1.8	.5	.0	.0					484	484		
90/ 89					.1	.3	1.1	2.8	1.8	.5	.2	.2						516	516		
88/ 87				.0	.2	.8	2.6	2.2	.7	.1	.1	.0						497	497		
86/ 85				.1	.5	3.0	1.5	.6	.3	.1	.0							457	457		
84/ 83		.0	.1	.8	2.6	2.0	.9	.4	.0									503	503	1	
82/ 81		.1	.6	2.0	2.7	1.1	.4	.1	.0									520	520	33	2
80/ 79		.4	2.3	4.0	1.9	.8	.1	.0										716	716	171	10
78/ 77	.0	1.9	4.2	3.4	1.1	.3	.0	.0										821	821	905	88
76/ 75	.3	3.3	4.5	2.4	.7	.1	.0											837	837	2139	369
74/ 73	.3	3.5	2.8	1.3	.2	.0	.0											607	607	1981	972
72/ 71	.5	2.0	1.5	.3	.1	.0	.0											334	334	1217	1847
70/ 69	.2	.6	.4	.1	.0													94	94	637	1714
68/ 67	.1	.2	.1	.0	.0													29	29	255	1231
66/ 65	.0	.0	.1	.1														12	12	68	682
64/ 63			.0															1	1	17	289
62/ 61																				10	121
60/ 59																				6	57
58/ 57																					30
56/ 55																					24
54/ 53																					4
TOTAL	1.3	12.0	16.5	14.5	10.1	8.5	7.1	7.8	6.9	6.1	4.3	3.1	1.1	.4	.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.	36118376	500804	67.3	17.992	7440							
Dry Bulb	51371393	615593	82.7	7.661	7440			742.7	697.0	434.3	101.2	744
Wet Bulb	40518190	548630	73.7	2.884	7440			733.9	523.0	7.7		744
Dew Point	36228020	518514	69.7	3.504	7440			623.3	144.1	.4		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (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							.2											2	2		
84/ 83							.1											1	1		
82/ 81			.3	.4		.2		.1										10	10		
80/ 79		.2	2.2	2.4	1.1	.8												61	61		
78/ 77		2.2	7.3	3.8	1.2	.6	.1	.1										138	138	6	
76/ 75		5.8	9.0	3.6	1.2	.2	.1											179	179	58	22
74/ 73	.1	7.2	6.8	3.3	1.3													169	169	191	105
72/ 71		3.7	3.7	2.6	.6	.2		.1										97	97	184	163
70/ 69	.1	2.1	3.0	1.4	.4	.3		.1										68	68	132	154
68/ 67		1.3	2.2	.4	.6	.2	.1											44	44	85	115
66/ 65		1.1	1.9	.9														35	35	65	77
64/ 63		1.0	1.6	.9	.4													35	35	49	59
62/ 61		.2	.4	.8	.9													21	21	32	57
60/ 59		.2	1.2	1.0	.3	.1												26	26	28	37
58/ 57			.3	.3	.2													8	8	15	24
56/ 55			.1	.1														2	2	24	19
54/ 53			.3	.1														4	4	17	13
52/ 51																				7	18
50/ 49																				7	6
48/ 47																					19
46/ 45																					8
44/ 43																					4
TOTAL	.2	25.1	40.4	22.1	8.3	2.7	.7	.4										900	900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6014734	73070	81.2	9.566	900							
Dry Bulb	4767725	65325	72.6	5.400	900			76.9	56.0	3.8		9
Wet Bulb	4267214	61756	68.6	5.743	900			65.6	25.5			9
Dew Point	4010275	59769	66.4	6.755	900			55.9	12.7			9

FORM AU-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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
82/ 81			.1																1	1		
80/ 79		.2	1.0	.7	.1	.2													20	20		
78/ 77		1.1	4.9	1.7	.4	.1													74	74	4	
76/ 75	.6	8.8	5.4	1.2	.2	.1													147	147	45	22
74/ 73	.4	10.0	7.3	2.3	1.1														191	191	164	96
72/ 71	.1	7.9	5.2	2.7	.8														150	150	149	156
70/ 69	.7	4.0	3.6	1.8	.6														95	95	156	143
68/ 67	.1	2.0	1.2	.3		.1													34	34	90	113
66/ 65		1.9	2.4	.9	.3	.3													53	53	74	81
64/ 63		1.7	1.9	.3	.2														37	37	52	51
62/ 61		1.3	1.2	.4	.6														32	32	41	67
60/ 59	.1	.8	.6	.7															19	19	33	35
58/ 57			1.4	1.0	.3														25	25	27	37
56/ 55		.1	.8	.4															12	12	15	21
54/ 53			.3	.2															5	5	19	10
52/ 51			.2																2	2	16	18
50/ 49			.3																3	3	10	16
48/ 47																					5	13
46/ 45																						13
44/ 43																						8
TOTAL	2.0	39.8	38.0	14.7	4.7	.9													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.	6510369	76141	84.6	8.745	900							
Dry Bulb	4539786	63712	70.8	5.733	900			71.2	43.3	.7		90
Wet Bulb	4159117	60925	67.7	6.225	900			60.8	21.3			90
Dew Point	3955560	59322	65.9	7.110	900			53.0	11.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (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					
82/ 81				.2	.1	.2	.1												6	6		
80/ 79		.1	1.2	1.9		.2													31	31		
78/ 77	.1	2.1	6.1	2.1	.4	.2													100	100	4	1
76/ 75	.3	7.9	5.9	2.2	.3														150	150	57	27
74/ 73	.9	8.9	5.3	1.8	.2	.1													155	155	183	102
72/ 71		6.0	5.6	2.6	.3														130	130	139	169
70/ 69	.4	4.1	4.6	1.6	.6	.1													102	102	143	129
68/ 67	.1	2.7	2.0	.8	.3	.2													55	55	84	109
66/ 65	.2	1.3	2.0	.8		.2													41	41	85	82
64/ 63		1.8	.9	1.2	.7	.3													44	44	43	55
62/ 61		.6	1.2	.6	.4														25	25	42	57
60/ 59	.2	1.0	.9	.4	.1														24	24	26	34
58/ 57		.2	.8	.3	.1														13	13	34	27
56/ 55			.9	.3	.1														12	12	23	34
54/ 53		.2	.3	.2															7	7	12	11
52/ 51			.3																3	3	10	15
50/ 49			.2																2	2	10	21
48/ 47																					5	13
46/ 45																						5
44/ 43																						8
42/ 41																						1
TOTAL	2.3	36.9	38.2	17.0	3.8	1.7	.1												900	900		900
																			900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	6461551	75837	84.3	8.904	900							
Dry Bulb	4582197	64005	71.1	5.813	900			72.9	44.2	1.7		9
Wet Bulb	4186568	61130	67.9	6.193	900			61.0	24.4			9
Dew Point	3978156	59496	66.1	7.081	900			53.7	13.0			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904	BERGSTROM AFB TX	69,72-80	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93											.1							1	1		
92/ 91							.1	.2	.1	.3	.1							8	8		
90/ 89						.6	.4	2.3	.6	.1	.1							37	37		
88/ 87				.1	.1	1.6	4.2	1.1	.3		.1							68	68		
86/ 85					1.4	6.2	2.8	.7	.1									101	101		
84/ 83			.2	1.9	5.2	2.4	1.1	.7		.1								105	105		
82/ 81			.8	4.6	5.1	1.1	1.3	.3	.1									120	120	1	
80/ 79			2.1	5.6	2.2	1.3	.8	.6	.1									114	114	11	2
78/ 77		.3	2.0	2.1	1.0	.8	.7	.1	.2		.1							66	66	80	8
76/ 75	.2	1.3	2.3	1.2	2.2	1.0	.6	.4	.2	.2								88	88	242	42
74/ 73	.1	.9	2.0	1.6	.8	.7	.4	.8	.1									66	66	202	140
72/ 71		.9	1.2	1.2	.1	.7	.2		.1									40	40	77	205
70/ 69	.2	.4	1.0	.2	.7	.7	.9	.1										38	38	76	157
68/ 67		.4	.8	.3	.4	.3	.2											23	23	66	67
66/ 65		.3		.6	.4	.1	.1											14	14	40	72
64/ 63		.2	.1	.2		.1												6	6	27	53
62/ 61				.1		.1												2	2	10	31
60/ 59			.2		.1													3	3	34	23
58/ 57																				16	21
56/ 55																				5	17
54/ 53																				3	17
52/ 51																				1	18
50/ 49																					1
48/ 47																					7
46/ 45																					3
44/ 43																					4
42/ 41																					3
TOTAL	.6	4.9	12.8	19.7	19.9	17.7	13.9	7.3	2.0	.8	.6								900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4318446	61276	68.1	12.766	900							
Dry Bulb	5728934	71588	79.5	6.210	900			87.5	77.4	51.0	.1	90
Wet Bulb	4642426	64460	71.6	5.342	900			75.5	53.6	.8		90
Dew Point	4162725	60911	67.7	6.698	900			62.1	19.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (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												.2						2	2		
96/ 95								.1	.2	1.2	.7	.8	.3	.1				31	31		
94/ 93								1.0	1.9	3.2	1.1	.2	.1					68	68		
92/ 91							.9	2.8	5.3	4.0	.9	.1	.1					127	127		
90/ 89						.6	2.7	6.1	3.8	1.7	.4							137	137		
88/ 87					.2	1.4	5.2	4.6	1.4	.9	.4							128	128		
86/ 85					.6	2.3	2.6	2.3	1.9	.7	.2	.1						96	96		
84/ 83				.4	1.3	1.3	1.1	1.6	.8	.6	.3	.2						69	69		
82/ 81			.1	.8	.6	.7	1.1	.7	1.0	.2	.3	.2						51	51	1	
80/ 79			.2	1.1	1.1	.6	.6	.4	.6	.3	.3	.1						48	48	40	
78/ 77		.2	.7	.9	.6	.4	.3	.2	.2	.4	.1							37	37	130	1
76/ 75		.2	1.3	.6	.4		.3	.6	.7	.1								38	38	261	38
74/ 73		.2	.3	.3	.2	.2	.2	.1	.3	.1								19	19	157	75
72/ 71	.2	.9	.6	.3	.2	.1	.1		.1									23	23	95	140
70/ 69		.2	.6	.1	.2	.2		.1										13	13	71	177
68/ 67			.4		.1	.1	.1											7	7	38	147
66/ 65		.1		.4														5	5	32	95
64/ 63		.1																1	1	20	42
62/ 61																				23	53
60/ 59																				25	27
58/ 57																				4	19
56/ 55																				3	27
54/ 53																					13
52/ 51																					11
50/ 49																					6
48/ 47																					1
46/ 45																					5
44/ 43																					9
42/ 41																					2
40/ 39																					1
TOTAL	.2	2.0	4.2	5.0	5.6	8.0	15.2	20.6	18.2	13.4	4.9	2.0	.6	.1				900	900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2816069	48847	54.3	13.545	900							
Dry Bulb	6641692	77084	85.6	6.631	900			89.4	85.1	72.7	10.1	9
Wet Bulb	4790834	65518	72.8	4.864	900			79.3	58.9	1.5		9
Dew Point	4027288	59908	66.6	6.632	900			57.8	11.4			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

13904 — STATION
BERGSTROM AFB TX — STATION NAME
69,72-80 — YEARS
SEP — 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
100/ 99													.1					1	1		
98/ 97									.1		.4	.9	.4					17	17		
96/ 95									.7	1.3	2.2	1.1	.6	.2	.1	.1		57	57		
94/ 93								.3	2.3	4.6	4.0	.8	.2			.1		111	111		
92/ 91							.6	2.8	4.2	5.9	1.9	.2						140	140		
90/ 89						.2	1.6	2.4	3.6	2.2	1.2	.3						104	104		
88/ 87					.1	.9	2.6	2.1	2.3	1.2	1.3	.4	.1					100	100		
86/ 85					.2	2.6	1.4	1.4	1.6	.8	.7	.6	.4					87	87		
84/ 83				.7	.9	.8	.6	1.1	.8	.4	.2	.1						50	50		
82/ 81				.4	1.7	1.1	.6	.2	.6	.9	.6	.3						57	57	2	
80/ 79			.6	.8	.9	.2			.2	.3	.2	.4						33	33	22	
78/ 77		.1	.9	.9	1.6	.1		.3	.3	.8								45	45	108	3
76/ 75		.4	.9	.8	.4					.2								25	25	234	18
74/ 73		.6	1.0	.3	.2	.1	.9			.3								31	31	197	51
72/ 71	.1	.2	.7	.6	.2	.2	.1		.1	.1								21	21	92	143
70/ 69		.7	.8															13	13	96	113
68/ 67			.2		.1													3	3	45	159
66/ 65			.1	.3														4	4	26	142
64/ 63																				26	61
62/ 61				.1														1	1	29	55
60/ 59																				16	33
58/ 57																				4	19
56/ 55																				3	31
54/ 53																					17
52/ 51																					9
50/ 49																					8
48/ 47																					13
46/ 45																					13
44/ 43																					7
42/ 41																					4
40/ 39																					1
TOTAL	.1	2.0	5.1	4.9	6.3	6.2	8.2	10.8	16.8	19.1	12.8	5.2	1.9	.2	.1	.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.	2584763	46265	51.4	15.155	900			89.5	85.8	74.3	18.6	90
Dry Bulb	6788465	77911	86.6	6.987	900			79.6	56.3	1.2		90
Wet Bulb	4746929	65227	72.5	4.674	900			48.7	7.2			90
Dew Point	3904579	58963	65.5	5.807	900							

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

1 [illegible] 4 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]6/ 95										.1		.2	.1					4	4		
[illegible]4/ 93								.2	.4	.1	.8	.3						17	17		
[illegible]2/ 91							.1	.3	1.4	2.0	.3	.1		.1				40	40		
[illegible]0/ 89							.4	2.0	2.1	1.3	.3	.1						57	57		
[illegible]8/ 87					.1	.6	2.9	2.9	1.1	.7	.1	.1						76	76		
[illegible]6/ 85					.1	3.9	2.3	2.2	1.0	.7	.3	.1						96	96		
[illegible]4/ 83				.4	2.8	3.3	2.7	2.6	.7	.3	.1							116	116		
[illegible]2/ 81			.1	1.3	2.6	2.0	2.0	1.3	.6	.6	.2							96	96		
[illegible]/ 79			.6	2.4	3.0	1.4	.3	.7	.1	.2	.1	.1						81	81	4	
78/ 77		.1	1.9	2.2	2.1	.9	.9	.8	.2	.4	.1							87	87	39	
76/ 75		1.1	2.1	1.9	1.6	.8	.3	.4	.3	.1								78	78	164	4
[illegible]4/ 73		.4	1.4	1.1	.3	.1	.6	.4	.4									44	44	219	59
[illegible]2/ 71		1.3	1.2	1.0	.1		.8	.4	.1									45	45	149	152
[illegible]0/ 69	.1	1.1	.8	.6	.3	.2	.4	.1	.1									34	34	101	144
[illegible]8/ 67		.3		.1	.3	.1	.3											11	11	72	138
[illegible]6/ 65		.2	.1	.3	.3	.1	.4											14	14	49	118
64/ 63			.1	.1														2	2	27	74
62/ 61			.2															2	2	20	56
[illegible]0/ 59																				32	29
[illegible]8/ 57																				16	19
56/ 55																				4	22
[illegible]4/ 53																				4	28
[illegible]2/ 51																					13
[illegible]0/ 49																					15
48/ 47																					13
46/ 45																					8
44/ 43																					5
42/ 41																					3
TOTAL	.1	4.7	8.6	11.6	13.7	13.4	14.6	14.4	8.7	6.6	2.4	1.1	.1	.1				900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3553611	54899	61.0	15.095	900			88.2	79.2	55.4	2.1	9[illegible]
Dry Bulb	5949035	72931	81.0	6.596	900			74.8	42.6	.1		9[illegible]
Wet Bulb	4538438	63758	70.8	4.911	900			49.7	6.3			9[illegible]
Dew Point	3904973	58979	65.5	6.666	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 SUMMAR

1 7 7 4 — STATION
BERGSTROM AFB TX — STATION NAME
69,72-80 — YEARS
SEP — MONTH

21 0-23 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 89									.1									1	1		
88/ 87						.1	.1	.3	.1									6	6		
86/ 85					.1	.4	.6	.4	.2									16	16		
84/ 83				.2	2.1	1.1	.4	.4		.1								40	40		
82/ 81			.6	2.2	4.0	2.0	1.4	.1	.1									94	94		
80/ 79		.1	2.7	5.4	3.9	2.4	.6	.2	.1									139	139		
78/ 77		.3	4.6	4.7	2.4	1.2	.3	.3										125	125	15	
76/ 75		2.3	6.2	3.4	2.6	.4	.1											136	136	95	14
74/ 73		2.3	2.3	3.3	2.[illegible]	.7	.2	.1										99	99	224	[illegible]
72/ 71	.3	.9	3.0	1.9	1.[illegible]	1.1	.6	.2										81	81	153	161
70/ 69	.2	1.9	1.7	1.4	.7	.6	.1											59	59	116	154
68/ 67		.7	1.1	.6	.3	.3	.3											30	30	95	126
66/ 65			1.0	.3	.7	.4	.1											23	23	64	82
64/ 63		.3	.1	.9	.8	.7												25	25	40	82
62/ 61		.1		.8	.8	.2												17	17	29	51
60/ 59			.1	.1														2	2	21	34
58/ 57			.3	.1														4	4	22	17
56/ 55			.2															2	2	17	24
54/ 53			.1															1	1	14	17
52/ 51																				4	18
50/ 49																				1	19
48/ 47																					11
46/ 45																					[illegible]
44/ 43																					[illegible]
TOTAL	.6	9.0	24.0	25.4	21.3	11.8	4.9	2.2	.7	.1								900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4985495	66177	73.5	11.529	900							
Dry Bulb	5143040	67842	75.4	5.690	900			82.6	65.6	22.4		[illegible]
Wet Bulb	4353499	62403	69.3	5.448	900			68.8	32.4			[illegible]
Dew Point	3968480	59464	66.1	6.639	900			53.5	9.4			[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99													.0					1	1		
98/ 97									.0		.1	.1	.1					19	19		
96/ 95								.0	.1	.3	.4	.3	.1	.0	.0	.0		92	92		
94/ 93								.2	.6	1.0	.8	.2	.0			.0		197	197		
92/ 91							.2	.8	1.4	1.5	.4	.1	.0	.0				315	315		
90/ 89						.2	.6	1.6	1.3	.7	.3	.1						336	336		
88/ 87				.0	.1	.6	1.9	1.4	.7	.3	.3	.1	.0					378	378		
86/ 85					.3	1.9	1.2	.9	.6	.3	.2	.1	.1					398	398		
84/ 83			.0	.5	1.5	1.1	.8	.8	.3	.2	.1	.0						381	381		
82/ 81			.3	1.3	1.8	.9	.8	.3	.3	.2	.1	.1						435	435	4	
80/ 79		.1	1.3	2.5	1.5	.9	.3	.2	.1	.1	.1	.1						527	527	77	2
78/ 77	.0	.8	3.5	2.3	1.2	.5	.3	.2	.1	.2	.0							672	672	386	13
76/ 75	.1	3.5	4.2	1.9	1.1	.3	.2	.2	.2	.1								841	841	1146	187
74/ 73	.2	3.8	3.3	1.8	.8	.2	.3	.2	.1	.1								774	774	1537	708
72/ 71	.1	2.7	2.6	1.6	.4	.3	.2	.1	.1	.0								587	587	1038	1289
70/ 69	.2	1.8	2.0	.9	.4	.3	.2	.1	.0									422	422	891	1171
68/ 67	.0	.9	1.0	.3	.3	.2	.1											207	207	575	974
66/ 65	.0	.6	.9	.6	.2	.2	.1											189	189	435	749
64/ 63		.6	.6	.5	.3	.1												150	150	284	477
62/ 61		.3	.4	.3	.3	.0												100	100	235	427
60/ 59	.0	.3	.4	.3	.1	.0												74	74	215	252
58/ 57		.0	.4	.2	.1													50	50	138	183
56/ 55		.0	.3	.1	.0													28	28	94	195
54/ 53		.0	.1	.1														17	17	69	126
52/ 51			.1															5	5	38	120
50/ 49			.1															5	5	28	101
48/ 47																				10	101
46/ 45																					63
44/ 43																					47
42/ 41																					13
40/ 39																					2
TOTAL	.8	15.5	21.4	15.0	10.4	7.8	7.2	7.0	5.8	5.0	2.6	1.0	.3	.1	.0	.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.	37245038	502512	69.8	17.374	7200							
Dry Bulb	44140874	560398	77.8	8.527	7200			658.2	536.6	282.0	30.9	72
Wet Bulb	35685025	505177	70.2	5.775	7200			565.4	315.0	3.6		72
Dew Point	31912036	476812	66.2	6.829	7200			434.4	91.0			72

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

13974 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 81				.1														1	1		
[illegible] 79			.9	.5														13	13		
78/ 77		.2	.8	.4														13	13		
76/ 75		.6	2.0	1.2	.2			.1										39	39	22	2
74/ 73		1.0	2.9	1.6	.3	.1	.2											57	57	14	25
72/ 71		2.7	3.1	.6	.4	.2	.1	.4										71	71	43	14
70/ 69		1.2	3.3	1.2	.5			.2										60	60	62	54
68/ 67		3.3	4.1	2.2	.9	.1	.1											99	99	58	49
66/ 65	.1	2.9	3.4	2.0	.8	.1												87	87	78	75
64/ 63		2.6	2.6	1.1	1.2	.6	.2	.1										78	78	79	60
62/ 61	.5	1.7	2.2	1.7	.6	.2	.2	.1										68	68	92	75
60/ 59		1.4	4.0	1.1	.6	.8												73	73	52	64
58/ 57		1.6	2.2	1.5	.2	.2	.1											54	54	72	59
56/ 55		.8	3.3	1.2	.1	.2												52	52	72	48
54/ 53		.3	2.4	1.3	.8	.1												45	45	52	65
52/ 51		1.1	2.6	.6	.4													44	44	59	52
50/ 49		1.0	1.1	.4														23	23	49	44
48/ 47		.5	1.0	.3														17	17	52	74
46/ 45		.1	.5	.4														10	10	20	45
44/ 43		.3	.5	.1														9	9	21	25
42/ 41		.2	.9															10	10	9	21
40/ 39	.1		.1															2	2	13	23
38/ 37	.1																	1	1	6	22
36/ 35	.1	.3																4	4	2	19
34/ 33																				3	9
32/ 31																					6
TOTAL	1.0	23.9	43.8	19.7	7.1	2.7	1.0	1.0										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.	5848348	72992	78.5	11.341	930							
Dry Bulb	3750137	58513	62.9	8.597	930			35.3	12.3	.9		93
Wet Bulb	3302642	54820	58.9	8.755	930			19.9	3.6			93
Dew Point	3002085	52011	55.9	10.023	930		.6	14.4	2.7			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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81			.3															3	3		
80/ 79			.5	.4														9	9		
78/ 77			.5	.1														6	6	3	
76/ 75		1.0	1.7	.4	.1													30	30	13	3
74/ 73		1.7	2.5	.8	.1													47	47	22	18
72/ 71		2.8	2.3	.5	.1	.6												59	59	32	28
70/ 69	.2	2.4	1.5	.3	.2	.1		.1										45	45	67	51
68/ 67	.2	3.5	2.4	.5	.2		.2											66	66	48	48
66/ 65	.1	5.3	2.0	1.1	.2	.2	.2											85	85	60	61
64/ 63	.1	5.1	2.8	.8	.6	.3	.1											91	91	72	63
62/ 61	.3	3.5	2.4	.8	.5													70	70	76	65
60/ 59		2.3	2.6	1.0	.1	.1	.1											57	57	71	53
58/ 57		1.8	2.9	.5	.3	.5	.2											59	59	57	61
56/ 55		3.2	2.5	.9	.3	.5												69	69	61	63
54/ 53		1.5	3.8	.4	.5	.1												59	59	70	51
52/ 51		1.1	3.5	.5	.3	.1												52	52	47	56
50/ 49		.8	2.0	.8	.3													36	36	54	36
48/ 47		1.1	1.9	.3	.1													32	32	49	53
46/ 45		.5	1.1															15	15	50	57
44/ 43	.2	.5	.9															15	15	28	39
42/ 41		.1	.5	.1														7	7	19	2.
40/ 39		.4	.4															8	8	9	34
38/ 37		.2	.2															4	4	11	25
36/ 35	.3	.2																5	5	7	15
34/ 33		.1																1	1	3	19
32/ 31																				1	8
30/ 29																					3
TOTAL	1.5	39.1	41.3	10.2	4.2	2.7	.9	.1											930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6338931	76071	81.8	11.202	930							
Dry Bulb	3529533	56665	60.9	9.100	930			26.5	9.5	.7		93
Wet Bulb	3177805	53663	57.7	9.357	930		.1	18.5	3.8			93
Dew Point	2935385	51317	55.2	10.567	930		1.1	14.8	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

1394	BERGSTROM AFB TX	69,72-80	OCT
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
81/ 79		.1	.6	.1														8	8		
78/ 77			1.1	.2														12	12	1	
76/ 75		.9	1.5	.5														27	27	7	2
74/ 73		2.0	2.2	1.1														49	49	29	11
72/ 71	.1	2.5	3.3	.2				.1										55	55	37	43
70/ 69	.6	3.7	1.9		.1	.4	.1											64	64	69	44
68/ 67	.3	3.1	4.0	.3	.3	.1	.2											78	78	61	70
66/ 65	.6	2.9	2.0	1.1	.2	.1	.5	.1										71	71	58	62
64/ 63	.6	3.2	1.8	1.1	.4	.5	.1											73	73	74	61
62/ 61	.3	3.4	2.2	1.2	.4	.2												72	72	57	56
60/ 59		3.5	2.0	1.0	.6	.2												69	69	65	47
58/ 57		2.0	2.7	.6	.3	.3	.1											57	57	67	48
56/ 55	.1	2.8	2.5	.8	.4	.3	.1											65	65	60	70
54/ 53		1.4	2.0	1.0	.5	.3												49	49	72	46
52/ 51		1.6	3.2	1.0	.1													55	55	46	55
50/ 49		1.6	1.7	.8	.2													40	40	47	54
48/ 47		1.3	1.3	.6	.1													31	31	61	41
46/ 45	.1	.9	.6	.2														17	17	46	59
44/ 43	.1	.3	.5	.1														10	10	24	39
42/ 41		.4	.4															8	8	14	27
40/ 39		.6	.3															9	9	14	25
38/ 37		.4	.1															5	5	10	24
36/ 35	.2	.2	.1															5	5	6	24
34/ 33		.1																1	1	5	8
32/ 31																					12
30/ 29																					2
TOTAL	3.2	39.1	38.0	11.8	3.9	2.6	1.2	.2										930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6390984	76312	82.1	11.790	930							
Dry Bulb	3544614	56784	61.1	9.133	930			29.3	9.6	.2		93
Wet Bulb	3195627	53811	57.9	9.398	930			20.4	3.7			93
Dew Point	2955874	51484	55.4	10.670	930		1.4	17.0	1.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 89								.1		.1	.1							3	3		
88/ 87						.2	.3	.2										7	7		
86/ 85						.4	.3	.3	.2									12	12		
84/ 83				.2	1.2	1.2	.9	.6	.1									39	39		
82/ 81				.6	1.3	1.8	1.9	.2	.4	.1	.1	.1						62	62		
80/ 79		.1	.3	1.2	2.7	1.7	.1	.2	.4	.3	.1							67	67		
78/ 77		.3	1.0	2.4	1.3	1.6	1.3	1.0	.5	.2	.1	.1						91	91	8	1
76/ 75			1.3	2.4	2.0	.9	.3	.6	.4		.2							76	76	34	7
74/ 73	.1	.1	1.4	1.3	1.8	1.2	1.1	.8	.3	.2	.1							78	78	67	15
72/ 71	.1	1.0	1.8	1.5	1.1	1.3	1.0	.4	.3									79	79	99	53
70/ 69		1.3	2.0	1.1	.9	1.0	1.1	.4	.1									73	73	98	64
68/ 67		1.6	1.4	.8	.9	1.0	1.7	.5	.4	.1								78	78	75	95
66/ 65	.1	1.0	.3	1.2	1.3	.6	.5	.6	.3									56	56	86	85
64/ 63		.3	.9	1.0	.8	.9	.9	.3	.1									47	47	62	82
62/ 61		.3	.4	.6	.6	.9	.4	.2										33	33	57	44
60/ 59		.3	.5	.2	1.0	.9	.3											30	30	67	48
58/ 57		.4	.2	.3	1.0	.3	.4											25	25	54	48
56/ 55		.4	.3	.4	.2		.1											14	14	48	47
54/ 53		.6	.6	.4	.4	.1												21	21	45	43
52/ 51		1.2	.3	.1	.4													19	19	39	41
50/ 49		.2		.3	.1													6	6	41	52
48/ 47		.6	.2	.1														9	9	22	42
46/ 45		.5																5	5	16	38
44/ 43																				10	40
42/ 41																				2	24
40/ 39																					19
38/ 37																					15
36/ 35																					11
34/ 33																					11
32/ 31																					5
TOTAL	.3	10.4	13.1	16.1	18.9	15.9	12.7	6.7	3.8	1.1	.8	.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.	4220164	60802	65.4	16.240	930							
Dry Bulb	4727474	65784	70.7	8.938	930			66.5	43.5	15.6		93
Wet Bulb	3757819	58609	63.0	8.317	930			38.1	10.9			93
Dew Point	3204219	53721	57.8	10.429	930		.5	23.5	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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
96/ 95													.1					1	1			
94/ 93									.1	.2	.1	.2	.1					7	7			
92/ 91								.8	.4	.8	.1	.2						21	21			
90/ 89								1.1	1.4	.6	.1							30	30			
88/ 87							.9	2.0	2.6	1.2	.2	.4	.3					71	71			
86/ 85					.1	.6	2.4	3.6	1.9	.5	.6	.8	.1					99	99			
84/ 83				.1	.5	2.3	2.5	2.3	1.6	1.0	.9	.6	.1					110	110			
82/ 81			.1	.2	.6	1.6	1.3	.6	1.8	1.6	1.3	.6	.2					94	94			
80/ 79			.1	.6	1.1	1.5	1.2	1.1	1.5	.9	.8		.2					83	83			
78/ 77			.1	.5	.2	1.1	.6	1.1	1.2	.6	1.0	.1	.2					63	63	18		
76/ 75			.5	.4	.9	1.1	.5	1.1	.6	1.3	.2	.2						64	64	43	2	
74/ 73		.2	.4	.6	.5	.4	.3	.6	1.2	1.2	.3							55	55	120	10	
72/ 71		.1	.5	.8		.5	.3	.6	1.4	.5	.4							49	49	113	32	
70/ 69		.4	.9	.1	.1	.2	.4	.5	.8	.3	.1							36	36	79	63	
68/ 67		.2	.2	.1	.5	.2	.3	.5	.4	.2								26	26	93	79	
66/ 65	.2	.1	.2	.2	.4	.5	.4	.2	.1	.2								25	25	76	90	
64/ 63	.1	.1	.3			.3	.4	.1	.2									15	15	72	91	
62/ 61		.1	.3	.2	.3	.5		.2	.2									18	18	55	68	
60/ 59		.2	.5	.1	.4	.3	.2											17	17	46	48	
58/ 57		.1	.3	.3	.1	.1	.1	.1										11	11	56	42	
56/ 55		.2					.1											3	3	41	44	
54/ 53		.3	.3	.2	.1													9	9	44	4[illegible]	
52/ 51		.8	.1															8	8	25	45	
50/ 49		.2																2	2	23	42	
48/ 47		.8																7	7	8	49	
46/ 45		.3	.2															5	5	13	44	
44/ 43																				4	40	
42/ 41																					3[illegible]	
40/ 39																					20	
38/ 37																					15	
36/ 35																					7	
34/ 33																					11	
32/ 31																					11	
30/ 29																					6	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904	BERGSTROM AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	4.2	5.3	4.6	6.0	11.4	12.1	16.6	17.5	11.2	6.1	3.2	1.4					929	929	929	929

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2704332	47636	51.3	16.794	929							
Dry Bulb	5673048	72064	77.6	9.453	929			81.0	69.9	48.4	.8	93
Wet Bulb	3982848	60392	65.0	7.831	929			46.7	18.1			93
Dew Point	3104450	52800	56.8	10.563	929		1.7	18.6	1.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.2			.2	.1				5	5		
94/ 93										.2		.3	.3	.1				9	9		
92/ 91								.1	.4	1.3	.9	.1	.1		.1			28	28		
90/ 89								.2	1.6	2.0	.6	.4	.2	.1				49	49		
88/ 87							1.3	1.8	2.5	1.9	.8	.4	.4	.2				87	87		
86/ 85						.5	1.8	3.1	2.2	2.2	1.2	.9	.1					111	111		
84/ 83					.2	1.4	.9	2.7	1.9	1.3	2.2	1.0	.3					110	110		
82/ 81					.4	.9	1.6	1.1	.8	1.9	2.0	1.0	.1	.2				93	93		
80/ 79			.2	.1	.4	1.2	.5	1.1	1.1	.5	1.7	.4	.2	.2				72	72		
78/ 77			.2		.3	1.0	1.2	1.3	1.0	.3	.6	.1	.1					57	57	4	
76/ 75			.3	.4	1.0	1.0	.2	.5	1.2	1.8	.8	.1	.1					69	69	42	1
74/ 73		.1	.2	.5	.4	.4	.4	.1	.6	.4	.2	.5						38	38	96	2
72/ 71		.4	.5	.4	.1	.6	.1	.2	1.1	.8	.3	.3						46	46	118	25
70/ 69	.1	.5	.8	.1	.5	.2	.6	.5	.9	.3								43	43	94	44
68/ 67		.2			.4		.2	.2	.4	.2								16	16	101	58
66/ 65							.4	.1	.2									7	7	79	90
64/ 63		.8	.2	.5		.6	.3	.1	.3									27	27	91	89
62/ 61			.8	.4	.3	.2	.1	.3										20	20	78	77
60/ 59			.3	.1	.1													5	5	40	70
58/ 57			.2	.3	.2		.1											8	8	54	39
56/ 55			.3	.4			.3											10	10	42	46
54/ 53		.2	.2	.1														5	5	34	48
52/ 51		.5	.1	.1														7	7	30	46
50/ 49		.1	.2															3	3	19	48
48/ 47			.2															2	2	7	55
46/ 45		.3																3	3	6	45
44/ 43																				5	36
42/ 41																					35
40/ 39																					22
38/ 37																					7
36/ 35																					16
34/ 33																					5
32/ 31																					15
30/ 29																					10

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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (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
73/ 27																					1
TOTAL	.1	3.2	4.8	3.7	4.5	8.1	10.2	13.5	16.1	15.5	11.3	5.6	2.3	1.0	.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.	2369489	44273	47.6	16.789	930							
Dry Bulb	5867416	73368	78.9	9.244	930			83.3	72.8	53.2	1.4	93
Wet Bulb	3971622	60390	64.9	7.349	930			45.5	14.2			93
Dew Point	2994823	51897	55.8	10.313	930		2.6	13.0	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) | BERGSTROM AFB TX (STATION NAME) | 69,72-80 (YEARS) | OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1			.1							2	2		
90/ 89							.1			.1	.1	.1						4	4		
88/ 87							.1	.2	.1	.2	.1							7	7		
86/ 85							.5	1.0	.9	.4		.1						27	27		
84/ 83					.1	.6	.4	.9	1.0	.2	.1							31	31		
82/ 81					1.0	1.4	1.9	.8	.5	.1								53	53		
80/ 79			.3	1.3	.4	3.2	1.3	1.0	1.3	.4	.1							87	87		
78/ 77			.4	1.4	2.2	3.0	1.5	.9	1.0	.5	.1	.1						103	103	2	
76/ 75		.1	.1	1.4	1.7	2.2	1.0	1.7	.8	.6								89	89	8	
74/ 73			.4	1.4	.6	1.4	1.1	1.0	.6	.3								64	64	54	5
72/ 71		.8	.9	1.8	1.8	1.3	1.4	1.1	.9	.3	.3							98	98	47	23
70/ 69		.5	1.7	1.0	.5	1.6	1.4	1.2	.6		.1							81	81	120	34
68/ 67		.5	.4	.5	1.6	.8	1.4	.6	.3	.4								62	62	101	48
66/ 65		.4	.3	.4	1.0	1.4	.3	.1	.5									42	42	98	85
64/ 63		1.3	.4	.9	.9	.8	.9	.2	.1									50	50	68	81
62/ 61		.5	.3	.5	.2	.5	.6	.3										29	29	82	88
60/ 59			.5	.2	.3	.8	.2	.2										21	21	69	75
58/ 57		.2	.4	.4	.5	.4	.2											21	21	73	53
56/ 55		.2	.2	.5	.1	.3												13	13	49	38
54/ 53		.4	.8	.2	.3	.1												17	17	35	64
52/ 51		.5	.3	.2	.3													13	13	41	57
50/ 49		.4	.3															7	7	42	60
48/ 47		.1		.3														4	4	17	51
46/ 45		.1																1	1	14	47
44/ 43		.3																3	3	5	25
42/ 41			.1															1	1	4	24
40/ 39																					22
38/ 37																				1	11
36/ 35																					16
34/ 33																					13
32/ 31																					8
30/ 29																					1
28/ 27																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17904	BERGSTROM AFB TX	69,72-80	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		6.6	8.1	12.6	13.7	19.8	14.4	11.2	8.6	3.8	1.1	.3						930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3502008	55110	59.3	15.949	930							
Dry Bulb	4857695	66729	71.8	8.667	930			70.8	46.7	16.5		9
Wet Bulb	3666522	57972	62.3	7.540	930			33.2	6.4			9
Dew Point	2988491	51943	55.9	9.696	930		1.0	11.0	.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

13974 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
86/ 85					.1			.1	.1										3	3		
84/ 83				.1															1	1		
82/ 81				.4	.2														6	6		
80/ 79			.5	.9	.4	.1				.1									19	19		
78/ 77		.1	1.0	2.2	1.2	.3	.2	.1											47	47	2	
76/ 75		.3	1.4	2.8	2.0	.4	.2	.1	.1										69	69	12	
74/ 73		.2	1.6	4.3	1.2	1.1	.3	.2											83	83	30	18
72/ 71		.4	2.7	2.2	2.4	.9	.1	.3											83	83	42	22
70/ 69		1.4	2.3	2.7	1.9	.8	.2	.1	.1										88	88	80	42
68/ 67		1.1	2.2	2.2	1.8	1.1	1.0		.1										87	87	74	55
66/ 65	.2	.9	1.3	2.5	1.9	1.1	.5		.1										79	79	84	79
64/ 63	.1	2.0	.6	2.5	1.7	.6	.6	.1											78	78	91	62
62/ 61	.1	1.0	1.1	2.3	1.6	.3	.1	.1											61	61	78	82
60/ 59		.2	1.4	2.0	.6	.5	.3												48	48	62	70
58/ 57		.4	1.2	1.0	.9	.2	.4												38	38	76	50
56/ 55		.9	.8	1.5	1.1	.4													43	43	72	60
54/ 53		.2	1.1	1.3	.2	.2													28	28	55	66
52/ 51		.4	.4	.8	.2														17	17	39	53
50/ 49		1.1	.4	.8															21	21	40	47
48/ 47		.5	.2	.4															11	11	38	67
46/ 45			.3	.1															4	4	20	33
44/ 43		.4	.5																9	9	18	33
42/ 41		.1	.3																4	4	8	23
40/ 39	.1	.1																	2	2	7	21
38/ 37		.1																	1	1	1	20
36/ 35																					1	12
34/ 33																						15
TOTAL	.5	11.9	21.3	32.7	19.6	8.1	4.1	1.2	.5	.1										930		930
																			930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4918751	66587	71.6	12.757	930							
Dry Bulb	4110522	61328	65.9	8.448	930			48.6	22.8	1.5		93
Wet Bulb	3441486	56054	60.3	8.231	930			24.0	4.4			93
Dew Point	3019553	52225	56.2	9.667	930			13.7	1.8			93

FORM AE 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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 95										.0			.0	.0				6	6		
94/ 93									.0	.1	.0	.1	.1	.0				16	16		
92/ 91								.1	.1	.3	.1	.0	.0		.0			51	51		
90/ 89							.0	.2	.4	.4	.1	.1	.0	.0				86	86		
88/ 87						.0	.3	.5	.6	.4	.1	.1	.1	.0				172	172		
86/ 85					.0	.2	.6	1.0	.7	.4	.2	.2	.0					252	252		
84/ 83				.1	.3	.7	.6	.8	.6	.3	.4	.2	.1					291	291		
82/ 81			.1	.2	.4	.7	.8	.3	.4	.5	.4	.2	.0	.0				312	312		
80/ 79		.0	.4	.6	.6	1.0	.4	.4	.5	.3	.3	.1	.1	.0				358	358		
78/ 77		.1	.6	.9	.6	.9	.6	.5	.5	.2	.2	.1	.0					392	392	38	1
76/ 75		.4	1.1	1.2	1.0	.7	.3	.5	.4	.5	.1	.0	.0					463	463	181	17
74/ 73	.0	.7	1.5	1.5	.6	.6	.4	.3	.3	.3	.1	.1						471	471	432	104
72/ 71	.0	1.3	1.9	1.0	.7	.7	.4	.4	.5	.2	.1	.0						540	540	531	240
70/ 69	.1	1.4	1.8	.8	.6	.5	.5	.4	.3	.1	.0							490	490	669	396
68/ 67	.1	1.7	1.8	.8	.8	.4	.6	.2	.2	.1								512	512	611	502
66/ 65	.2	1.7	1.2	1.1	.7	.5	.4	.1	.2	.0								452	452	619	627
64/ 63	.1	1.9	1.2	1.0	.7	.6	.4	.1	.1									459	459	599	589
62/ 61	.2	1.3	1.2	1.0	.6	.4	.2	.2	.0									371	371	575	555
60/ 59		1.0	1.5	.7	.5	.4	.1	.0										320	320	472	475
58/ 57		.8	1.3	.6	.4	.3	.2	.0										273	273	509	480
56/ 55	.0	1.1	1.2	.7	.3	.2	.1											269	269	445	416
54/ 53		.6	1.4	.6	.4	.1												233	233	407	423
52/ 51		.9	1.3	.4	.2	.0												215	215	326	405
50/ 49		.7	.7	.4	.1													138	138	315	383
48/ 47		.6	.6	.3	.0													113	113	254	432
46/ 45	.0	.3	.3	.1														60	60	185	366
44/ 43	.0	.2	.3	.0														46	46	115	277
42/ 41		.1	.3	.0														30	30	56	204
40/ 39	.0	.1	.1															21	21	43	186
38/ 37	.0	.1	.0															11	11	29	139
36/ 35	.1	.1	.0															14	14	16	120
34/ 33		.0																2	2	11	91
32/ 31																				1	65
30/ 29																					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												

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

13934 STATION | BERGSTROM AFB TX STATION NAME | 69,72-85 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
Col 27 TOTAL	.9	1.3	22.0	13.9	9.7	8.9	7.1	6.3	5.8	4.0	2.4	1.2	.5	.1	.0			7439	7439		7439

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.	36293007	499783	67.2	19.107	7439							
Dry Bulb	36060439	511235	68.7	11.161	7439			441.3	287.0	136.9	2.2	744
Wet Bulb	28496371	455711	61.3	8.828	7439		.1	246.2	65.1			744
Dew Point	24204880	417398	56.1	10.273	7439		8.9	126.0	12.2			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
78/ 77			.1	.1	.1														3	3		
76/ 75			.7	.2	.2														10	10		
74/ 73		1.2	.7	.1															18	18	6	
72/ 71		.7	1.1	.7															22	22	20	10
70/ 69	.2	1.4	2.2	.1		.2	.2												40	40	15	22
68/ 67	.3	1.7	.6	.1	.2														26	26	42	22
66/ 65	.2	2.3	1.1	.3	.1	.1													38	38	27	37
64/ 63	.6	1.7	1.3	.2	.1	.1													36	36	35	35
62/ 61	.2	1.6	1.3	1.0	.3	.2													42	42	30	21
60/ 59	.6	2.8	1.6	.1		.2													47	47	40	33
58/ 57	.3	3.3	1.9	.3	.4	.3													60	60	47	31
56/ 55		3.2	2.1	1.1	.8	.1													66	66	54	50
54/ 53		2.6	1.1	1.6	.8		.1												55	55	54	51
52/ 51	.7	.9	3.0	.6	.3	.6													54	54	51	58
50/ 49	.4	3.1	2.6	1.4	.2	.6	.1												76	76	42	36
48/ 47		1.8	1.3	1.0	.4		.2												43	43	77	39
46/ 45	.2	2.1	1.8	1.8	.4														57	57	61	53
44/ 43	.2	2.7	1.6	.6	.6	.1													51	51	45	56
42/ 41		2.9	1.8	.8	.1	.1													51	51	54	48
40/ 39		.9	1.0	.3	.2														22	22	60	49
38/ 37		1.4	.4	.2															19	19	37	45
36/ 35	.1	.7	.7	.1															14	14	27	33
34/ 33	.1	1.9	.9	.3															29	29	24	51
32/ 31		.4	.3	.2															9	9	22	20
30/ 29		.2	.1	.1															4	4	12	27
28/ 27		.2	.1	.2															5	5	7	27
26/ 25																					5	13
24/ 23		.2																	2	2	1	10
22/ 21		.1																	1	1	5	4
20/ 19																						3
18/ 17																						6
16/ 15																						7
14/ 13																						1
10/ 9																						3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.2	42.0	31.3	13.7	5.4	2.7	.7												900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5825035	71375	79.3	13.531	900							
Dry Bulb	2646544	47798	53.1	10.963	900		2.1	11.9	3.1			90
Wet Bulb	2352934	44908	49.9	11.168	900		5.2	8.3	.6			90
Dew Point	2103306	41922	46.6	12.942	900		12.3	5.4				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

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
78/ 77			.1	.1															2	2		
76/ 75			.3	.3															6	6		
74/ 73		1.0		.4															13	13	3	
72/ 71		.4	.9	.3															15	15	16	7
70/ 69		2.0	1.3	.1															31	31	7	12
68/ 67	.3	2.1	.9	.2	.1														33	33	44	28
66/ 65	.7	1.3	.8	.2	.1														28	28	31	41
64/ 63	.3	1.8	.9	.6	.1	.1													34	34	26	28
62/ 61	.6	1.4	.9	.7	.3			.1											36	36	24	16
60/ 59	.4	3.7	.3	.4	.1	.1		.1											47	47	32	26
58/ 57	.3	2.2	.7	.7	.2	.2			.1										40	40	51	38
56/ 55		3.9	2.0	.4	.4														61	61	35	38
54/ 53	.2	4.0	1.2	.8	.4														60	60	54	45
52/ 51	.6	3.0	2.0	1.2	.2		.1												64	64	67	55
50/ 49	.8	2.1	1.9	.9	.1	.2													54	54	43	53
48/ 47		2.4	1.7	.3	.3	.2													45	45	63	48
46/ 45	.2	3.3	1.9	1.1	.7		.1												66	66	58	37
44/ 43	.1	2.1	2.2	.8	.4	.4													55	55	44	47
42/ 41		3.1	2.9	.4	.2	.1													61	61	50	37
40/ 39	.3	2.3	1.3	.2	.1														39	39	72	58
38/ 37	.2	2.0	1.6	.2	.2														38	38	53	52
36/ 35		.9	.3	.1															12	12	31	35
34/ 33	.2	1.6	.2																18	18	32	53
32/ 31		1.6	.8	.2															23	23	18	34
30/ 29		.4	.2																6	6	22	17
28/ 27		.2	.3																5	5	9	30
26/ 25		.1	.1																2	2	6	21
24/ 23			.2																2	2	3	13
22/ 21		.3	.1																4	4		5
20/ 19																					6	2
18/ 17																						6
16/ 15																						11
14/ 13																						4
12/ 11																						1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (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
10/ 9																					2
TOTAL	5.3	49.4	28.1	10.9	4.2	1.4	.2	.2	.1										900		900
																		900		900	

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.	6101520	73120	81.2	13.379	900							
Dry Bulb	2478904	46158	51.3	11.142	900		4.2	10.0	2.1			9
Wet Bulb	2232974	43654	48.5	11.338	900		6.4	7.0	.3			9
Dew Point	2014553	40917	45.5	13.102	900		14.6	4.7				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

[illegible] STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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	.1	.1													5	5		
74/ 73		.3	.2	.1														6	6		
72/ 71	.1	.3	.9	.2														14	14	11	5
70/ 69		2.2	.6															25	25	6	7
68/ 67	.4	2.2	.8	.2	.1													34	34	45	28
66/ 65	.2	2.4	1.0	.1	.1													35	35	22	33
64/ 63	.8	2.0	.4	.6	.2													36	36	38	33
62/ 61		1.6	1.1	1.0	.1													34	34	24	23
60/ 59	.6	2.9	1.0	.3														43	43	31	24
58/ 57	.1	2.1	.7	.3	.2			.1										32	32	43	33
56/ 55	.3	2.8	1.9	1.1	.6		.1	.2										63	63	47	40
54/ 53	.8	3.4	1.2	1.0	.2			.2										62	62	37	47
52/ 51	.7	3.1	2.6	1.1	.2													69	69	61	53
50/ 49	.7	2.6	1.7	.9														52	52	57	46
48/ 47	.1	2.8	1.2	1.2	.1	.2												51	51	63	41
46/ 45	.1	2.8	1.2	.7	.4	.2												49	49	50	36
44/ 43	.1	2.6	3.7	.7	.3	.1												67	67	48	51
42/ 41	.1	2.7	2.0	.4	.3	.3												53	53	54	53
40/ 39	.6	2.1	2.7	.2														50	50	65	53
38/ 37	.2	1.7	.6	.4	.2													28	28	49	49
36/ 35	.1	2.0	.4	.2	.1													26	26	41	36
34/ 33	.1	1.2	.4	.1														17	17	34	40
32/ 31	.1	1.9	.7															24	24	21	49
30/ 29		.8	.4															11	11	27	22
28/ 27		.2	.1															3	3	11	21
26/ 25		.3	.1															4	4	3	22
24/ 23		.2	.1															3	3	4	12
22/ 21		.1																1	1	4	13
20/ 19		.3																3	3	1	4
18/ 17																				3	10
16/ 15																					10
14/ 13																					4
12/ 11																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	6.2	49.7	28.0	11.1	3.4	.9	.1	.6										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.	6145720	73374	81.5	13.498	900							
Dry Bulb	2416491	45555	50.6	11.094	900		4.9	8.4	1.1			90
Wet Bulb	2181521	43121	47.9	11.335	900		7.4	6.2				90
Dew Point	1969107	40409	44.9	13.122	900		16.9	4.0				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
92/ 81				.1	.1														2	2		
80/ 79				.3	.6	.3	.1		.1			.1							14	14		
78/ 77				.6	.6	.3	.2	.2	.1										18	18		
76/ 75		.3	.8	.4	.9	.4	.1	.3			.3								33	33	1	
74/ 73		.1	.6	1.4	.4	.4	.1	.2	.1		.1								32	32	13	2
72/ 71		.9	.7	.7	1.0		.4	.1	.3										37	37	18	12
70/ 69	.2	.7	1.0	1.0	.9	.9	.3	.1	.1										47	47	34	22
68/ 67	.3	.6	1.6	.8	1.5	.4	.3	.6	.1										51	51	31	17
66/ 65	.2	1.1	1.2	1.3	.7	.3	.4	.3	.2	.1									54	54	42	41
64/ 63		1.3	1.1	1.1	.3	.7	.7	.2		.1									50	50	47	36
62/ 61		1.1	.8	.9	1.6	.3	.8	.3		.1									53	53	46	26
60/ 59		.8	1.9	1.6	.9	.9	.4	.3	.1										62	62	47	39
58/ 57	.1	1.1	1.7	.4	.8	1.1	.4	.1	.3										55	55	47	47
56/ 55	.3	.7	1.2	1.1	.8	.7	.7	.3											52	52	55	32
54/ 53	.1	.9	1.3	1.6	1.4	.7	.6	.3	.2										64	64	68	48
52/ 51	.2	1.3	1.1	1.2	1.0	.7	.2												52	52	44	48
50/ 49	.6	1.4	1.7	1.0	.9	.6	.4	.2											61	61	73	42
48/ 47	.1	1.1	.2	1.3	.9	.2	.2												37	37	59	59
46/ 45		.8	.8	1.7	.3	.1	.4												37	37	56	40
44/ 43		.9	1.0	.3	.6	.6													30	30	44	43
42/ 41		.8	.7	.3		.1													17	17	57	48
40/ 39			1.1		.3	.1													14	14	36	51
38/ 37		.2	.4	.2	.3	.1													12	12	25	33
36/ 35			.1	.1															2	2	24	37
34/ 33		.6		.2															7	7	7	38
32/ 31		.1	.1																2	2	15	29
30/ 29				.2															2	2	4	31
28/ 27			.1																1	1	2	11
26/ 25			.2																2	2	2	9
24/ 23																					3	11
22/ 21																						7
20/ 19																						11
18/ 17																						12
16/ 15																						9

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (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
14/ 13																					5
12/ 11																					2
10/ 9																					2
TOTAL	2.2	16.8	21.3	20.0	16.2	10.0	7.0	3.8	1.8	.3	.4	.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.	4352075	60345	67.1	18.448	900							
Dry Bulb	3186649	52665	58.5	10.800	900		.7	23.4	9.9	.7		9
Wet Bulb	2580860	47248	52.5	10.571	900		2.6	9.7	1.4			9
Dew Point	2121474	41948	46.6	13.602	900		13.9	5.3	.2			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13914 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87							.1	.1										2	2		
86/ 85						.1	.7	.4		.1	.1		.1					14	14		
84/ 83					.2	.3	.4	.9	.2	.1	.1	.3	.1					26	26		
82/ 81				.2	.2	.3	1.4	1.1	.9		.3	.1	.1					43	43		
80/ 79				.4	.5	2.0	.8	1.1	.8	.2	.4	.2	.4					63	63		
78/ 77				.4	.6	1.4	1.3	.9	.1	.4	.1	.1						49	49		
76/ 75		.1	.2	.4	1.0	1.0	1.0	.3	.4	.1	.4	.1						47	47	10	
74/ 73		.3		.3	.4	1.4	.6	.8	.7	.3	.2							46	46	18	5
72/ 71		.2	.3	.8	.8	.6	1.6	.9	.9	.3		.2						59	59	37	7
70/ 69	.1		.8	.4	.6	.9	.2	1.1	.4	.8	.2	.1						51	51	46	25
68/ 67		.2	.1	.3	.9	.8	.8	1.1	.7	.2	.1							47	47	61	14
66/ 65		.2	.1	.6	.2	.6	.4	.7	.9	.3								36	36	51	51
64/ 63		.1	.4	.9	.9	.9	1.3	.7	.7	.6	.4							62	62	48	36
62/ 61	.1	.2	.2	.6	.8	1.4	.7	1.1	.1	.4								50	50	35	32
60/ 59	.1	.1	1.1	1.2	.1	.3	.6	1.0	.6	.4								50	50	62	41
58/ 57		.1	.6	.2	.2	.6	1.2	1.0	.6	.1								41	41	46	38
56/ 55	.2	.1	.2	.3	.6	1.4	.8	.4	.2	.1								40	40	66	49
54/ 53	.2	.9	.6	.4	.6	.4	.1	.8	.1									39	39	61	46
52/ 51	.2	.7	.9	.2	.6	.1		.7										30	30	54	27
50/ 49	.1	.7	.1	.6	.3		.3	.3										22	22	44	62
48/ 47		1.1	.1	.7	.6		.2											24	24	56	30
46/ 45		.3	.2	.8	.1	.1	.1											15	15	59	34
44/ 43		.8	.3	.7		.4	.1											21	21	45	58
42/ 41			.6	.6		.1												11	11	29	38
40/ 39				.2		.1												3	3	25	34
38/ 37		.1																1	1	22	41
36/ 35		.2																2	2	8	46
34/ 33		.3																3	3	8	29
32/ 31			.2															2	2	5	38
30/ 29			.1															1	1	1	26
28/ 27																				2	16
26/ 25																				1	13
24/ 23																					6
22/ 21																					12

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1?904	BERGSTROM AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	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				
20/ 19																					14
18/ 17																					11
16/ 15																					9
14/ 13																					4
12/ 11																					3
10/ 9																					5
TOTAL	1.1	6.9	7.2	11.3	10.4	15.4	14.8	15.3	8.2	4.7	2.6	1.2	.8					900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2913048	48152	53.5	19.356	900							
Dry Bulb	3990851	58989	65.5	11.769	900		.3	44.7	29.0	11.8		9
Wet Bulb	2872338	49968	55.5	10.447	900		.9	17.2	2.8			9
Dew Point	2124640	41832	46.5	14.161	900		15.7	5.1	.5			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12[illegible]4 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (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
88/ 87							.1	.1	.2	.3		.2						9	9		
86/ 85							.6	.2	.6	.4			.2					18	18		
84/ 83						.7	.6	.4	.8	.2	.2	.1	.3	.1				31	31		
82/ 81				.4	.3	.7	1.4	.4	1.3	.4	.2	.3	.3					54	54		
80/ 79				.1	.6	1.4	1.6	1.3	.9		.3	.1	.3					60	60		
78/ 77				.3	.9	1.4	1.2	.9	.3	.2	.3	.2						53	53		
76/ 75			.2	.2	1.1	.6	1.0	.8	1.1	.2	.2	.1						50	50	6	
74/ 73				.6	.6	.4	.7	.8	1.0	.9	.1	.1						46	46	20	3
72/ 71				.7	.6	1.3	1.6	.3	.9	1.2	.2	.2						63	63	35	3
70/ 69			.1	.9	.6	.9	1.1	.8	.9	.8	.1	.3						58	58	49	18
68/ 67		.1	.1		.9	.1	.9	.7	1.1	.4	.1							40	40	55	25
66/ 65		.3		.2	.1	.2	.9	.8	1.0	.6								37	37	61	28
64/ 63			.4	.6	1.2	.2	1.6	.7	.8	.3	.4							56	56	43	37
62/ 61		.9	.8	.4	.3	.6	.9	.7	1.1	.6								56	56	42	37
60/ 59		.1	.4	.9	.3	.2	.4	.7	.3	.1								32	32	71	50
58/ 57			.1	.4	.6	.6	1.4	.3	.7	.1								38	38	49	39
56/ 55	.3	.2		.2	.3	.4	1.0	.4	.8									34	34	63	64
54/ 53	.1	1.2	.3	.7	.8	.2	.2	.4	.2									38	38	61	40
52/ 51	.1	.2	.3	.3	.4	.3	.2	.6	.1									24	24	51	31
50/ 49	.4	1.0	.1	.4	.4		.1	.4										27	27	46	48
48/ 47		.3		1.0	.4	.1		.2										19	19	56	28
46/ 45	.1	.7	.6	.3		.2												17	17	55	48
44/ 43		.8	.3	.6			.2											17	17	36	38
42/ 41			.4	.2			.1											7	7	35	52
40/ 39		.2	.3	.2														7	7	18	41
38/ 37			.3															3	3	23	38
36/ 35																				13	45
34/ 33		.3		.1	.2													6	6	3	30
32/ 31																				6	42
30/ 29																					18
28/ 27																				3	15
26/ 25																					10
24/ 23																					14
22/ 21																					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) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 YEARS | NOV MONTH

PAGE 7 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
20/ 19																					6
18/ 17																					10
16/ 15																					7
14/ 13																					3
12/ 11																					8
10/ 9																					6
8/ 7																					2
TOTAL	1.1	6.4	5.0	9.9	10.7	10.7	17.8	12.0	14.1	6.9	2.3	1.8	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.	2700115	46087	51.2	19.450	900							
Dry Bulb	4114010	59894	66.5	11.938	900			48.2	32.1	14.2		90
Wet Bulb	2890157	50159	55.7	10.263	900		.9	16.5	2.6			90
Dew Point	2090990	41482	46.1	14.112	900		15.7	4.9	.3			90

FORM AWS 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

13904	BERGSTROM AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	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
87/ 81					.1													1	1		
83/ 79				.1	.3	.1			.1									6	6		
78/ 77			.3	.8	.3	.2	.3	.3	.2									23	23		
76/ 75		.3	.2	1.6	1.3	.4	.6	.1		.1								42	42	1	
74/ 73			.6	1.2	1.0	.8	.6		.2		.1							40	40	10	4
72/ 71		.2	.6	.9	1.1	.9	.2		.3	.1								39	39	14	3
70/ 69	.3	.4	.9	2.0	1.2	.7	.3	.3	.6	.1								62	62	33	17
68/ 67		.8	1.0	1.1	1.6	.6	.4	.2				.1						52	52	34	26
66/ 65		.4	.6	1.9	1.1	.6	1.0	.1	.1									52	52	36	32
64/ 63		.1	.6	1.8	1.0	.8	1.1	.3		.2								53	53	64	23
62/ 61		1.7	1.4	.4	1.2	1.1	.9	.3										64	64	38	34
60/ 59	.3		2.0	.9	1.4	1.4	.3	.2	.1	.1								62	62	62	50
58/ 57		.3	.6	1.7	.6	1.4	.6	.2										48	48	51	45
56/ 55	.3	.2	.8	1.7	1.8	.6	.4	.2	.1									55	55	49	58
54/ 53		1.0	.7	1.2	.9	.9	.3	.3										48	48	55	51
52/ 51	.3	.8	.7	1.2	1.1	.3	.6											45	45	72	33
50/ 49	.3	1.1	1.4	.8	1.2	.7	.6											55	55	65	31
48/ 47		.7	.6	1.4	1.0	.8	.2	.1										43	43	55	53
46/ 45	.1	.2	1.1	.6	.4	.3	.2											27	27	57	53
44/ 43		1.1	.9	.7	.1	.4	.2											31	31	37	47
42/ 41		.2	.3	.1	.1	.2												9	9	51	50
40/ 39		.3	.7	.2	.2	.2												15	15	33	44
38/ 37		.4	.3	.3	.1													11	11	28	44
36/ 35		.2	.2	.2														6	6	15	41
34/ 33		.3		.1														4	4	15	27
32/ 31				.1	.3													4	4	11	33
30/ 29																				4	15
28/ 27																				2	18
26/ 25																					10
24/ 23																				1	20
22/ 21																					6
20/ 19																					8
18/ 17																					9
16/ 15																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13964 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (YEARS) NOV (MONTH)

PAGE 7 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
94/ 13																					2
1_/ 11																					4
10/ 9																					3
8/ 7																					2
TOTAL	1.8	11.0	16.4	23.1	19.7	13.5	8.9	2.9	1.8	.7	.1	.1						897	897	897	897

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.	3972964	57664	64.3	17.230	897							
Dry Bulb	3275761	53363	59.5	10.626	897		.4	26.6	11.2	.2		9
Wet Bulb	2602024	47418	52.9	10.317	897		2.0	9.2	1.1			9
Dew Point	2098767	41725	46.5	13.274	897		13.4	5.0	.4			9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 4 — STATION
BERGSTROM AFB TX — STATION NAME
69,72-80 — YEARS
NOV — MONTH

[illegible]-23[illegible] — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.3	.3													6	6		
76/ 75		.2	.8	.3	.1													13	13	1	
74/ 73		.3	.8	1.1	.1													21	21	8	2
72/ 71		1.1	1.3	.6	.1	.1												29	29	11	7
70/ 69		.6	2.3	.8	.3	.3	.1											40	40	29	19
68/ 67		1.1	1.7	1.1	.2		.2											39	39	32	19
66/ 65	.2	.6	1.7	2.2	.2	.1	.1											46	46	26	41
64/ 63	.1	1.1	1.0	.9	.2	.1	.1	.1										33	33	36	25
62/ 61		2.2	1.7	1.3	.2	.2	.1	.1										53	53	38	29
60/ 59	.3	2.1	2.7	.9	1.3	.6	.1											72	72	54	34
58/ 57	.2	1.7	2.0	1.3	.9	.4	.1											60	60	55	43
56/ 55	.1	1.1	1.9	2.2	.7	.4	.2											60	60	54	53
54/ 53		1.3	1.2	1.8	.4	.1		.1										45	45	39	58
52/ 51	.7	1.1	2.3	1.3	.6	.1		.1										58	58	65	42
50/ 49	.3	1.3	3.0	.9	.3	.3	.1											57	57	57	33
48/ 47		2.2	1.2	.8	1.3													50	50	62	43
46/ 45		1.8	1.8	1.1	.3													49	49	64	62
44/ 43	.1	1.3	1.9	1.7	.6	.6												55	55	42	59
42/ 41		1.0	1.3	.8	.4													32	32	53	45
40/ 39		.9	.6	.4	.1													18	18	42	39
38/ 37		.7	.8	.6	.1													19	19	46	42
36/ 35		.8	.2	.6	.1													15	15	18	42
34/ 33		.9	.2	.3														13	13	24	29
32/ 31		.1	.1	.6	.1													8	8	18	32
30/ 29			.2	.2														4	4	7	28
28/ 27																				7	17
26/ 25		.1																1	1	3	16
24/ 23		.1																1	1	5	3
22/ 21																					9
20/ 19																					10
18/ 17																					11
16/ 15																					3
14/ 13																					2
10/ 9																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE AWS 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904	BERGSTROM AFB TX	69,72-80	NOV
STATION	STATION NAME	YEARS	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
0/ 7																						1
TOTAL	2.1	25.9	32.8	24.2	9.9	3.5	1.2	.4											897			897
																			897		897	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5179707	66971	74.7	14.157	897							
Dry Bulb	2810268	49276	54.9	10.739	897		1.4	14.8	4.0			9
Wet Bulb	2422125	45583	50.8	10.863	897		4.0	8.1	.9			9
Dew Point	2103546	41858	46.7	12.950	897		13.2	4.7	.2			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

1394 (STATION) BERGSTROM AFB TX (STATION NAME) 69,72-80 (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	.0	.0	.0		.0						11	11		
86/ 85						.0	.2	.1	.1	.1	.0		.0					32	32		
84/ 83					.0	.1	.1	.2	.1	.0	.0	.1	.1	.0				57	57		
82/ 81				.1	.1	.1	.4	.2	.3	.1	.1	.1	.1					100	100		
80/ 79				.1	.3	.5	.3	.3	.2	.0	.1	.1	.1					143	143		
78/ 77			.1	.3	.3	.4	.4	.3	.1	.1	.1	.0						154	154		
76/ 75		.1	.4	.5	.6	.3	.3	.2	.2	.1	.1	.0						206	206	19	
74/ 73		.4	.3	.7	.3	.4	.2	.2	.3	.2	.1	.0						222	222	78	16
72/ 71	.0	.5	.7	.6	.4	.4	.5	.2	.3	.2	.0	.1						278	278	162	54
70/ 69	.1	.9	1.2	.7	.4	.5	.3	.3	.3	.2	.0	.1						354	354	219	142
68/ 67	.2	1.1	.8	.5	.6	.2	.3	.3	.2	.1	.0	.0						322	322	344	179
66/ 65	.2	1.1	.8	.9	.3	.2	.4	.2	.3	.1								326	326	300	304
64/ 63	.2	1.0	.8	.8	.5	.4	.6	.3	.2	.2	.1							360	360	339	253
62/ 61	.1	1.3	1.0	.8	.6	.5	.4	.3	.2	.1								388	388	277	217
60/ 59	.3	1.6	1.4	.8	.5	.5	.2	.3	.1	.1								415	415	399	297
58/ 57	.1	1.4	1.0	.7	.5	.6	.5	.2	.2	.0								374	374	389	309
56/ 55	.2	1.5	1.3	1.0	.7	.5	.4	.2	.1	.0								431	431	423	384
54/ 53	.2	1.9	1.0	1.1	.7	.3	.2	.3	.1									411	411	429	386
52/ 51	.4	1.4	1.6	.9	.6	.3	.1	.2	.0									396	396	465	347
50/ 49	.5	1.7	1.6	.9	.4	.3	.2	.1										404	404	427	351
48/ 47	.0	1.6	.8	1.0	.6	.2	.1	.0										312	312	491	341
46/ 45	.1	1.5	1.2	1.0	.4	.1	.1											317	317	460	360
44/ 43	.1	1.5	1.5	.7	.3	.3	.1											327	327	341	399
42/ 41	.0	1.3	1.3	.5	.2	.1	.0											241	241	380	373
40/ 39	.1	.8	1.0	.2	.1	.1												168	168	351	369
38/ 37	.1	.8	.6	.3	.1	.0												131	131	283	344
36/ 35	.0	.6	.3	.2	.0													77	77	177	315
34/ 33	.1	.9	.2	.2	.0													97	97	147	297
32/ 31	.0	.5	.3	.1	.1													72	72	116	275
30/ 29		.2	.1	.1														28	28	77	184
28/ 27		.1	.1	.0														14	14	43	155
26/ 25		.1	.1															9	9	20	114
24/ 23		.1	.0															8	8	19	89
22/ 21		.1	.0															6	6	9	72

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

[illegible] STATION | BERGSTROM AFB TX STATION NAME | 69,72-80 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
[illegible]/ 19		.0																3	3	7	58
18/ 17																				3	77
16/ 15																					82
14/ 13																					25
12/ 11																					20
10/ 9																					23
8/ 7																					5
TOTAL	3.0	26.0	21.3	15.5	10.0	7.3	6.3	4.4	3.3	1.6	.7	.4	.3	.0					7194		7194
																		7194		7194	

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.	37190184	497088	69.1	19.879	7194							
Dry Bulb	24919478	413698	57.5	12.530	7194		14.0	188.1	92.6	26.9		720
Wet Bulb	20134953	372059	51.7	11.141	7194		29.4	82.3	9.7			720
Dew Point	16626383	332093	46.2	13.424	7194		115.8	39.1	1.6			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13924	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.2															2	2		
74/ 73			.1															1	1		
72/ 71			.1															1	1	3	
70/ 69		.4	.6															10	10	3	6
68/ 67	.2	1.0	.6															17	17	9	5
66/ 65	.3	1.3	1.1															25	25	23	13
64/ 63	.1	1.0	.2						.1	.1								14	14	17	17
62/ 61	.1	1.3	.2							.1								16	16	15	16
60/ 59	.3	2.0	.9				.5	.1	.1									37	37	19	25
58/ 57	.1	2.3	1.6		.1	.1												39	39	24	15
56/ 55	.2	2.0	.9	.2	.4	.3	.2											40	40	34	31
54/ 53	.8	2.2	.5	1.0	.8	.1	.1											50	50	44	28
52/ 51	.4	2.3	1.4	.5	.9	.3												54	54	27	41
50/ 49	.2	1.5	1.4	1.1	1.1	.5												54	54	31	26
48/ 47		1.9	2.2	1.3	1.2	.1												62	62	48	21
46/ 45		1.7	2.5	2.3	.4	.1												65	66	49	28
44/ 43	.3	2.4	4.2	1.8	.8													88	90	66	37
42/ 41	.1	2.5	2.7	2.2	.3	.1												73	73	88	34
40/ 39	.3	1.9	3.3	.8	.6													65	65	92	53
38/ 37		2.3	2.2	1.2	.3													55	55	64	58
36/ 35	.2	1.7	2.3	1.0	.1													49	49	72	71
34/ 33	.4	1.1	1.9	1.3	.1													45	45	58	75
32/ 31	.2	1.7	.8	.8	.1													33	33	49	78
30/ 29		.5	.9	.1	.1													15	15	40	44
28/ 27			.5	.1														6	6	24	58
26/ 25		.8	.1															8	8	13	41
24/ 23			.1															1	1	12	18
22/ 21		.2																2	2	3	26
20/ 19																					21
18/ 17																					14
16/ 15																					15
14/ 13																					10
12/ 11																					1
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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 68-69,72-79 YEARS | DEC 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
5/																					1
4/	3																				1
TOTAL	4.4	36.0	33.5	15.5	7.3	1.7	.9	.1	.2	.2								927	930	927	927

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.	5449115	69547	75.0	15.809	927							
Dry Bulb	2095523	43147	46.4	10.045	930		6.5	3.1	.3			93
Wet Bulb	1810523	39819	43.0	10.398	927		14.1	1.5				93
Dew Point	1519426	35624	38.4	12.745	927		32.8	1.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 68-69,72-79 YEARS | DEC MONTH

 2300-0500 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
74/ 73			.3															3	3		
72/ 71																				3	
70/ 69		.6	.1															7	7	3	6
68/ 67	.3	1.4	.9															24	24	6	5
66/ 65		1.3	.6															18	18	24	9
64/ 63	.4	1.0	.1															14	14	21	23
62/ 61		1.4	.2															15	15	11	19
60/ 59	.8	1.9	.4	.1														30	30	27	24
58/ 57	.2	2.3	.4		.1	.1												29	29	31	18
56/ 55	.2	1.0	.8			.1												19	19	9	26
54/ 53	.6	1.9	.8	.4		.3												38	38	28	16
52/ 51	.4	1.4	1.3	.3	.4	.4	.1											41	41	23	22
50/ 49	1.0	1.6	1.4	1.5	.3	.5												59	59	36	36
48/ 47	.1	3.0	1.0	1.3	.5													55	55	35	26
46/ 45	.1	2.7	2.4	1.3	.9													68	70	46	27
44/ 43	.2	2.0	3.1	1.4	.9													71	72	55	33
42/ 41	.4	2.3	4.0	1.5														76	76	69	32
40/ 39	.5	3.1	2.0	1.2	.1													65	65	86	52
38/ 37	.3	3.6	2.7	.9	.2													71	71	82	52
36/ 35	.5	2.2	2.9	.9														60	60	71	71
34/ 33	.3	3.1	1.9	.6														56	56	61	75
32/ 31	.1	2.3	1.7	1.1														48	48	62	68
30/ 29	.2	1.3	1.2															25	25	52	62
28/ 27	.2	1.1	.4	.4														20	20	34	59
26/ 25		.6	.2	.1														9	9	25	52
24/ 23		.1																1	1	12	32
22/ 21		.2																2	2	4	18
20/ 19		.3																3	3	6	19
18/ 17																					15
16/ 15																					12
14/ 13																					15
12/ 11																					3
2/ 1																					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	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 68-69,72-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 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	7.1	43.8	31.0	13.1	3.5	1.5	.1											927	930	927	927

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.	5814662	72184	77.9	14.467	927							
Dry Bulb	1943924	41388	44.5	10.48	930		10.8	3.4	.3			93
Wet Bulb	1717258	38610	41.7	10.856	927		19.6	1.2				93
Dew Point	1472685	34941	37.7	12.966	927		35.6	1.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 [illegible] 4 STATION | BERGSTROM AFB TX STATION NAME | 68-69,72-79 YEARS | DEC 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
74/ 73			.1															1	1		
72/ 71		.1																1	1	1	
70/ 69		.2	.2															4	4	3	1
68/ 67	.3	1.2	.9															22	22	6	8
66/ 65		1.4	.9															21	21	17	9
64/ 63	.3	.2																5	5	25	19
62/ 61	.3	1.3	.2					.1										18	18	8	23
60/ 59	.1	3.6	.1															35	35	24	12
58/ 57	.9	1.1						.1										19	19	35	37
56/ 55	.4	.6	.5															15	15	12	16
54/ 53	1.1	2.6	.6	.3			.1											44	44	20	17
52/ 51	.8	1.6	1.0	.4	.2	.1		.1										39	39	35	17
50/ 49	1.0	1.5	2.0	.5	.5	.2												54	54	30	39
48/ 47	.1	2.2	1.1	.5	.1	.5												42	44	31	20
46/ 45	.1	3.2	3.0	1.8	.6	.1												83	84	44	25
44/ 43	.2	3.0	1.9	1.5	.3													65	65	52	43
42/ 41	.4	3.7	2.8	1.6	.3													82	82	82	30
40/ 39	.8	2.4	2.7	.9														62	62	77	51
38/ 37	.2	3.2	2.1	.9														59	59	84	51
36/ 35	1.0	2.9	2.7	.4														65	65	67	73
34/ 33	.1	3.8	1.6	1.3														63	63	67	64
32/ 31		2.8	1.5	.8														47	47	63	77
30/ 29		2.2	.9	.4														32	32	42	59
28/ 27	.4	1.6	1.2	.2														32	32	44	60
26/ 25		.6	.2	.1														9	9	29	41
24/ 23				.2														2	2	16	34
22/ 21		.3																3	3	5	29
20/ 19	.1	.2																3	3	7	22
18/ 17																				1	15
16/ 15																					8
14/ 13																					14
12/ 11																					6
10/ 9																					2
8/ 1																					2

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

FORM 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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-1																						1
TOTAL	8.6	47.6	28.3	12.0	2.2	1.0	.1	.3												930		927
																			927		927	

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.	5990004	73308	79.1	14.427	927							
Dry Bulb	1881336	40674	43.7	10.501	930		12.8	2.8	.1			93
Wet Bulb	1673102	38076	41.1	10.857	927		20.8	1.0				93
Dew Point	1448154	34614	37.3	12.966	927	.1	37.1	.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13934 STATION | BERGSTROM AFB TX STATION NAME | 68-69,72-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 75				.1	.1													2	2		
74/ 73			.2	.1														3	3		
72/ 71		.3	.6	.4	.1	.1		.1			.1							17	17	1	
70/ 69		.3	1.2	.1	.1					.1								17	17	7	2
68/ 67		.3	1.6	.1	.5	.1	.2	.1		.1								29	29	12	9
66/ 65		.5	.6	.2		.3	.1	.1	.1	.1								20	20	21	10
64/ 63	.1	.8	.6	.3	.2	.3	.3	.3	.2									30	30	24	21
62/ 61	.4	1.5	.9	.8	.3	.4	.5	.1	.3									49	49	21	27
60/ 59	.1	2.7	.4	.4	.1	.5	.4	.2	.3									49	49	37	26
58/ 57	.5	.9	1.3	.4	.8	.8	.2	.2	.1									48	48	34	34
56/ 55	.5	1.4	1.4	.5	1.1	1.0	.5	.2	.1									63	63	30	21
54/ 53	.1	1.8	1.0	1.5	1.5	1.5	.8											76	76	38	29
52/ 51	.4	1.0	1.0	1.0	1.4	1.1	.5	.1										60	60	52	32
50/ 49	.4	1.0	1.3	2.3	2.2	1.1	.5											81	81	58	35
48/ 47	.4	1.2	1.5	1.6	2.0	.5		.2										70	70	53	33
46/ 45		1.8	1.7	2.2	1.1	.4	.1											68	68	70	27
44/ 43	.1	2.6	1.1	1.1	.6	.4	.1											56	56	98	44
42/ 41	.1	2.0	1.3	1.1	.9	.3												53	53	94	49
40/ 39	.3	2.0	1.2	.9	1.1	.3												53	53	82	59
38/ 37	.1	.6	.6	.6	.5													24	24	54	63
36/ 35	.1	.3	.8	.8	.2													20	20	39	70
34/ 33		.3	.3	.5	.6													17	17	26	62
32/ 31		1.0		.4														13	13	28	56
30/ 29		.2	.3	.2														7	7	24	45
28/ 27		.1		.2														3	3	10	36
26/ 25				.2														2	2	12	28
24/ 23																				2	22
22/ 21																				1	19
20/ 19																				2	16
18/ 17																					18
16/ 15																					5
14/ 13																					7
12/ 11																					17
10/ 9																					3

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

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

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 63-69,72-79 YEARS | DEC MONTH

PAGE [illegible] | 0[illegible]-11[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 1																					3
TOTAL	3.9	24.7	21.0	18.1	15.4	9.2	4.4	1.7	1.2	.3	.1								930		93[illegible]
																		930		93[illegible]	

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.	4650610	63094	67.8	19.960	930							
Dry Bulb	2500190	47356	50.9	9.777	930		2.5	6.8	.5			93
Wet Bulb	2042773	42607	45.8	9.885	930		7.9	2.0				93
Dew Point	1618781	36801	39.6	13.227	930		27.7	1.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 — STATION
BERGSTROM AFB TX — STATION NAME
68-69,72-7[illegible] — YEARS
DEC — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]8/ 87															.1			1	1		
[illegible]4/ 83									.1	.1								2	2		
[illegible]2/ 81												.2						2	2		
9[illegible]/ 79					.[illegible]		.1	.2			.1	.1						7	7		
78/ 77				.1	.2	.2	.3	.1	.1									10	10		
76/ 75				.1		.8	.5	.3		.2	.1							19	19		
[illegible]4/ 73				.5	.[illegible]	.8	.8	.1	.6		.1							35	35		
[illegible]2/ 71		.2	.3	1.0	1.2	1.0	.3	.1	1.0	.3	.1							51	51	3	
[illegible]/ 69		.3	.6	.5	.5	.6	.2	.8	.6	.3	.6							49	49	[illegible]	1
6[illegible]/ 67	.1	.1	1.1	.1	1.5	.8	.3	1.0	1.5	.8	.5							72	72	18	12
66/ 65		.3	.8	.6	.8	.4	.8	.5	1.1	.6	.1							56	56	41	[illegible]
[illegible]4/ 63	.2	.6	.2	.9	.3	.8	.9	.8	.8	.3	.2							55	55	40	18
62/ 61		1.2	.1	.6	.4	.8	.9	1.2	.9	.3								59	59	42	41
60/ 59	.4	.5	.4	.6	.8	1.2	1.2	1.8	.2	.2	.1							70	70	53	33
[illegible]6/ 57		.3	.3	.3	.6	1.5	1.8	1.6	.4	.2								67	67	39	26
56/ 55		.5	.4	.5	.4	1.7	2.2	.4	.4									62	62	45	46
54/ 53	.1	.9	.6	.5	1.[illegible]	.8	1.8	.1	.2									56	56	54	37
52/ 51	.4	1.0	.5		1.2	1.0	1.4	.1	.3									55	55	74	31
50/ 49		.6	1.5	.1	.5	1.[illegible]	.4	.1										40	40	65	34
48/ 47		.4	.4	.2	.1	.9	1.1											29	29	77	15
46/ 45		.3	.3	.5	.4	.3	.6											24	24	86	34
44/ 43		1.3	.4	.3	.3	.5	.4											31	31	72	48
42/ 41		1.3	.6	.2	.6	.3	.1											30	30	54	54
40/ 39		.6		.1	.3	.8												17	17	47	42
38/ 37		.8			.3	.1												11	11	33	6[illegible]
36/ 35		.2		.1	.3													6	6	25	51
34/ 33		.3	.4	.1														8	8	16	5[illegible]
32/ 31		.3		.1	.1													5	5	17	46
30/ 29					.1													1	1	12	54
28/ 27																				4	42
26/ 25																				1	34
24/ 23																				1	1[illegible]
[illegible]2/ 21																				1	26
2[illegible]/ 19																					17

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

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

PAGE [illegible] | 12[illegible]-14[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 17																					1[illegible]
[illegible]/ 15																					[illegible]
[illegible]/ 13																					14
1[illegible]/ 11																					1[illegible]
[illegible]/ 9																					[illegible]
[illegible]/ 7																					[illegible]
[illegible]/ 5																					1
[illegible]/ 1																					[illegible]
TOTAL	1.3	12.3	9.2	8.4	13.2	16.0	16.1	9.2	8.3	3.4	2.0	.3			.1			930	930	9[illegible]	9[illegible]

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.	3141566	50078	53.8	21.886	930							[illegible]
Dry Bulb	3303579	54557	58.7	10.534	930		.6	24.8	7.6	1.0		[illegible]
Wet Bulb	2384775	46229	49.7	9.666	930		3.6	2.9				[illegible]
Dew Point	1664597	37161	40.0	13.909	930		29.2	1.3				[illegible]

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

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

 1500-17[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 87																.2		2	2		
4/ 83									.1	.1				.1				3	3		
[illegible]/ 81								.2	.1				.1					4	4		
[illegible]/ 79				.1	.1	.2		.1	.3	.1		.2	.1					12	12		
[illegible]/ 77				.1	.1	.3	.3	.8	.1	.2	.2							20	20		
[illegible]/ 75				.2	.3	.6	.9	.5	.1	.3	.2	.3						33	33		
[illegible]/ 73				.2	.4	.6	1.8	.1	.4	.2		.1						37	37	3	
[illegible]/ 71			.5	.4	.9	.6	1.9	.3	1.1	.5	.8	.4						70	70		
[illegible]/ 69			.1	.6	.4	1.2	.6	.9	1.0	.8	.2							54	54	11	3
[illegible]/ 67	.1		1.4	.1	.5	.3	.3	.9	1.4	.6	.8	.1						61	61	17	4
[illegible]/ 65	.2	.3	.4	.9	.2	.2	.6	.8	1.4	1.0	.4							60	60	25	13
[illegible]/ 63		.5	.1	.1	.4	.3	.8	1.6	1.4	.6	.1							56	56	58	7
[illegible]/ 61	.3	.8	.2	.6	.4	.9	1.5	1.7	.8	.5								72	72	51	35
[illegible]/ 59		.3	.3	.6	.6	.9	1.1	1.3	1.3	.4	.1							65	65	46	28
[illegible]/ 57	.1	.1	.2	.4	.4	1.0	1.3	2.3	.6	.3								63	63	37	26
[illegible]/ 55		.8	.1	.3	.5	1.3	1.5	.9	.3	.1								54	54	48	41
[illegible]/ 53		1.7	.8	.6	.3	1.1	1.4	.9	.1									64	64	55	44
[illegible]/ 51		.4	.9	.2	.4	.4	.8	.3	.3									35	35	79	41
[illegible]/ 49		.1	.5	.2	.6	.3	.3	.4										24	24	84	24
[illegible]/ 47		.4	.5	.1		.9	.8	.3										28	28	79	27
[illegible]/ 45		.4	.9	.9	.2	.5	.2											29	29	76	3
[illegible]/ 43		.6	.2		.2	.4	.1											15	15	66	33
[illegible]/ 41		1.3	.2		.4	.6	.2											26	26	54	51
[illegible]/ 39	.1	1.1	.2		.3	.4												20	20	45	57
[illegible]/ 37		.1				.2												3	3	29	49
[illegible]/ 35	.2	.5	.3		.1	.1												12	12	19	51
34/ 33	.1	.5			.2													8	8	22	57
32/ 31																				18	66
[illegible]/ 29																				3	37
[illegible]/ 27																				5	44
[illegible]/ 25																					35
[illegible]/ 23																					[illegible]
[illegible]/ 21																					22
[illegible]/ 19																					24

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 68-69,72-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
18/ 17																					18
16/ 15																					6
14/ 13																					18
12/ 11																					11
10/ 9																					4
8/ 7																					7
6/ 3																					1
TOTAL	1.2	10.1	8.0	6.9	8.4	13.5	16.5	14.2	10.9	5.9	2.8	1.2	.2	.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.	2771877	46431	49.9	22.101	930							
Dry Bulb	3491742	56114	60.3	10.680	930			29.6	11.1	1.4		93
Wet Bulb	2422234	46666	50.2	9.315	930		2.6	3.1	.3			93
Dew Point	1604187	36425	39.2	13.824	930		30.9	.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1														1	1		
76/ 75			.2															2	2		
74/ 73				.2		.1	.2											5	5		
72/ 71			.3	.3	.3	.4			.1	.1								15	15	3	
70/ 69		.5	.4	.5	.2	.3				.1								20	20	1	3
68/ 67	.2	.5	1.0	1.1	.6	.6	.1	.1	.2									42	42	13	6
66/ 65		.4	1.5	.6	.5	.1	.4	.2	.2	.1								39	39	12	11
64/ 63	.3	.5	.6	.9	.6	.6	.4	.1		.2								41	41	37	12
62/ 61	.1	1.1	.8	1.1	.4	.6	.6	.4	.4	.1								53	53	30	27
60/ 59		.9	2.0	1.0	1.0	.5	.9	.5		.1								64	64	33	21
58/ 57	.3	.9	1.1	.9	.5	.8	1.4		.2									56	56	38	35
56/ 55	.1	.4	.4	1.2	1.9	2.0	1.7	.2	.1									76	76	51	29
54/ 53	.2	1.5	1.2	1.5	1.6	1.3	1.[illegible]	.1	.1									79	79	41	38
52/ 51		.8	.9	1.3	1.8	2.2	.8	.3										74	74	47	34
50/ 49		.9	1.4	1.1	1.8	1.4	.6	.1										67	67	54	36
48/ 47		.4	1.0	1.6	2.5	1.1	.5	.1										67	67	83	26
46/ 45		.5	.8	1.6	1.5	1.2	.1											53	53	77	37
44/ 43	.2	.4	1.5	1.1	1.9	.4	.2											54	54	73	39
42/ 41		1.2	.2	1.1	.6	.5	.1											35	35	80	34
40/ 39		1.0	.9	.4	1.1	.1												32	32	74	64
38/ 37		.3	.2	.2	1.2													18	18	51	53
36/ 35	.3		.2	.4	.9													17	17	51	54
34/ 33	.3	.8	.1	.6	.1													18	18	25	03
32/ 31		.2																2	2	31	7[illegible]
30/ 29																				12	43
28/ 27																				13	46
26/ 25																					39
24/ 23																					18
22/ 21																					16
20/ 19																					18
18/ 17																					22
16/ 15																					2[illegible]
14/ 13																					8
12/ 11																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 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
1/ 9																					6
8/ 7																					1
6/ 5																					1
4/ 3																					1
TOTAL	2.2	13.1	16.7	18.8	21.3	14.4	9.1	2.3	1.4	.8								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.	3855649	57127	61.4	19.313	930							
Dry Bulb	2717570	49526	53.3	9.287	930		.2	8.5	.8			93
Wet Bulb	2117526	43496	46.8	9.465	930		5.6	1.7				93
Dew Point	1584570	36394	39.1	13.138	930		31.0	.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible]4 STATION | BERGSTROM AFB TX STATION NAME | 68-69,72-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]6/ 75			.3															3	3		
[illegible]4/ 71			.2	.2														4	4	3	
[illegible]2/ 69		.2	1.1	.1														13	13		3
[illegible]6/ 67	.2	1.1	.8	.1														20	20	16	6
[illegible]0/ 65	.1	1.7	.6	.1		.1												25	25	19	13
[illegible]4/ 63		1.0	.8	.1				.1		.2								20	20	19	16
[illegible]2/ 61	.1	1.2	.4	.4		.3	.1	.1	.1	.1								27	27	19	19
[illegible]0/ 59	.3	1.9	1.6	.2	.1	.2	.4											45	45	25	29
[illegible]8/ 57	.2	2.4	2.5	.5	.4	.5	.4	.1										66	66	27	23
56/ 55	.1	1.5	1.7	.5	.5	.4	.1											46	46	42	38
[illegible]4/ 53	.4	1.0	1.1	1.3	.5	1.0	.3											52	52	51	3
[illegible]2/ 51	.3	1.4	1.7	1.2	1.3	1.1	.1	.1										67	67	29	41
50/ 49	.2	1.1	1.8	2.2	1.0	.8	.3											68	68	39	32
48/ 47		1.4	2.0	2.5	1.4	.1												69	69	57	22
46/ 45		1.9	2.0	2.2	1.2	.1												69	69	61	35
[illegible]4/ 43	.4	.9	3.4	2.4	.8	.9												81	81	87	56
[illegible]2/ 41		1.9	1.8	2.6	1.2	.2												72	74	77	38
[illegible]0/ 39	.1	1.2	2.7	1.1	1.0													56	56	84	53
[illegible]8/ 37		.6	1.5	1.2	.9													39	39	64	65
[illegible]6/ 35	.2	.8	.8	1.3	.2													30	30	62	63
34/ 33	.6	.4	1.0	1.0	.1													29	29	58	55
[illegible]2/ 31	.2	.4	.3	.8	.1													17	17	29	51
[illegible]/ 29			.4	.1														5	5	31	6.
28/ 27			.4															4	4	14	47
[illegible]6/ 25		.1																1	1	12	32
[illegible]4/ 23																				3	19
[illegible]2/ 21																					25
[illegible]0/ 19																					18
18/ 17																					2[illegible]
16/ 15																					15
[illegible]4/ 13																					6
12/ 11																					4
[illegible]/ 9																					2

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

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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.7	24.1	31.1	22.0	10.7	5.7	1.8	.4	.1	.3								928	930	928	928

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4904132	65586	70.7	17.031	928							
Dry Bulb	2307610	45470	48.9	9.535	930		2.7	4.0	.3			93
Wet Bulb	1936232	41364	44.6	9.989	928		8.9	1.9				93
Dew Point	1573601	36319	39.1	12.813	928		30.0	.9				93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 4 (STATION) BERGSTROM AFB TX (STATION NAME) 68-69,72-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]8/ 87															.1	.0		3	3		
[illegible]4/ 83									.0	.0				.0				5	5		
[illegible]2/ 81								.0	.0			.0	.0					6	6		
[illegible]0/ 79				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					19	19		
78/ 77				.0	.0	.1	.1	.1	.0	.0	.0							31	31		
[illegible]6/ 75			.1	.1	.1	.2	.2	.1	.0	.1	.0	.0						61	61		
[illegible]4/ 73			.1	.1	.2	.2	.3	.0	.1	.0	.0	.0						85	85	3	
[illegible]2/ 71		.1	.3	.3	.3	.3	.3	.1	.3	.1	.1	.1						159	159	17	
[illegible]0/ 69		.3	.6	.2	.2	.3	.1	.2	.2	.2	.1							174	174	36	25
[illegible]8/ 67	.2	.7	1.0	.2	.4	.2	.1	.3	.4	.2	.2	.0						287	287	97	55
[illegible]6/ 65	.1	.9	.8	.3	.2	.1	.2	.2	.3	.2	.1							264	264	182	83
[illegible]4/ 63	.2	.7	.3	.3	.2	.3	.3	.4	.3	.2	.0							235	235	241	131
[illegible]2/ 61	.2	1.2	.4	.4	.2	.4	.5	.5	.3	.1								309	309	197	207
[illegible]0/ 59	.3	1.7	.8	.4	.3	.4	.6	.5	.2	.1	.0							395	395	264	198
58/ 57	.3	1.3	.9	.3	.4	.6	.6	.5	.2	.1								387	387	265	214
56/ 55	.2	1.0	.8	.4	.6	.9	.8	.2	.1	.0								375	375	271	242
54/ 53	.4	1.7	.8	.9	.7	.8	.7	.1	.1									459	459	331	239
[illegible]2/ 51	.3	1.2	1.1	.6	1.	.8	.5	.1	.1									425	425	371	259
50/ 49	.3	1.0	1.4	1.1	1.0	.7	.3	.1										447	447	397	262
48/ 47	.1	1.4	1.2	1.1	1.0	.5	.3	.1										422	424	463	190
46/ 45	.0	1.6	1.7	1.6	.8	.3	.1											459	463	509	243
44/ 43	.2	1.7	2.0	1.2	.7	.3	.1											461	464	569	313
42/ 41	.1	2.0	1.7	1.3	.6	.3	.1											447	449	598	322
[illegible]/ 39	.3	1.7	1.6	.7	.6	.2												370	370	587	431
38/ 37	.1	1.4	1.2	.6	.4	.0												280	280	461	451
36/ 35	.3	1.1	1.2	.6	.2	.0												259	259	406	524
34/ 33	.2	1.3	.9	.7	.1													244	244	335	561
32/ 31	.1	1.1	.5	.5	.0													165	165	297	502
30/ 29	.0	.5	.5	.1	.0													85	85	216	404
28/ 27	.1	.3	.3	.1														65	65	148	394
26/ 25		.3	.1	.1														29	29	92	342
24/ 23		.0	.0	.0														4	4	46	181
22/ 21		.1																7	7	14	183
20/ 19	.0	.1																6	6	15	155

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 68-69,72-79 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																				1	132
16/ 15																					85
14/ 13																					92
12/ 11																					59
10/ 9																					23
8/ 7																					14
6/ 5																					7
4/ 3																					3
2/ 1																					9
0/ -1																					1
TOTAL	4.0	26.5	22.3	14.3	10.2	7.9	6.1	3.5	2.8	1.4	.6	.2	.0	.0	.0	.0		7429	7440	7429	7429

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.	36577615	497355	66.9	21.016	7429							
Dry Bulb	20241474	378232	50.8	11.670	7440		36.1	83.0	21.0	2.4		744
Wet Bulb	16104423	336867	45.3	10.566	7429		83.0	15.3	.3			744
Dew Point	12486001	288279	38.8	13.227	7429	.1	254.3	8.0				744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13904 STATION | BERGSTROM AFB TX STATION NAME | 68-70,72-80 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105															.0	.0		4	4		
104/103													.0	.0	.0	.0		17	17		
102/101												.0	.0	.0	.0	.0	.0	67	67		
100/ 99										.0	.0	.1	.1	.0	.0	.0		232	232		
98/ 97									.0	.0	.1	.2	.1	.0	.0			506	506		
96/ 95								.0	.1	.3	.3	.2	.1	.0	.0	.0		872	872		
94/ 93							.0	.1	.4	.5	.3	.1	.0	.0		.0		1262	1262		
92/ 91						.0	.1	.4	.7	.6	.1	.0	.0	.0	.0			1764	1765		
90/ 89				.0	.0	.1	.4	.9	.6	.2	.1	.0	.0	.0	.0	.0		2118	2118		
88/ 87				.0	.1	.3	.8	.8	.3	.1	.1	.0	.0	.0	.0	.0		2259	2259		
86/ 85				.0	.2	.9	.8	.5	.2	.1	.1	.0	.0	.0	.0	.0		2606	2606		
84/ 83		.0	.0	.2	.8	.8	.5	.4	.2	.1	.1	.1	.0	.0	.0			2792	2792	2	
82/ 81		.0	.2	.7	1.0	.7	.5	.2	.2	.1	.1	.1	.0	.0	.0			3317	3317	103	3
80/ 79		.1	.7	1.3	.9	.6	.3	.2	.2	.1	.1	.1	.0	.0	.0			4090	4090	732	21
78/ 77	.0	.5	1.5	1.3	.7	.5	.3	.2	.2	.1	.1	.0	.0	.0				4807	4807	3170	295
76/ 75	.1	1.2	1.9	1.2	.7	.4	.2	.2	.1	.2	.1	.0	.0	.0				5505	5506	7277	1478
74/ 73	.1	1.4	1.7	1.0	.4	.3	.2	.2	.2	.1	.1	.0	.0					5080	5080	8790	3878
72/ 71	.1	1.3	1.6	.7	.4	.3	.3	.2	.2	.1	.1	.0	.0					4614	4614	6880	7137
70/ 69	.1	1.1	1.5	.5	.4	.3	.2	.2	.2	.1	.0	.0						4070	4070	5623	8018
68/ 67	.1	1.1	1.2	.4	.4	.2	.3	.2	.2	.1	.1	.0						3659	3659	4924	7276
66/ 65	.1	1.1	.9	.5	.3	.2	.2	.2	.1	.1	.0	.0						3276	3276	4212	6138
64/ 63	.1	1.1	.6	.4	.3	.3	.2	.2	.1	.1	.0							2978	2978	3862	4341
62/ 61	.1	1.1	.6	.4	.3	.2	.2	.2	.1	.1	.0							2877	2877	3339	3934
60/ 59	.1	1.0	.7	.4	.3	.3	.2	.2	.1	.0	.0							2874	2874	3351	3383
58/ 57	.1	.8	.6	.4	.3	.3	.2	.2	.1	.0								2490	2490	3146	2941
56/ 55	.1	.7	.6	.4	.3	.3	.2	.1	.0	.0								2413	2413	2942	2866
54/ 53	.1	.7	.6	.4	.3	.3	.2	.1	.0									2369	2369	2793	2544
52/ 51	.2	.7	.7	.3	.4	.2	.1	.0	.0									2373	2373	2764	2455
50/ 49	.2	.6	.7	.4	.3	.2	.1	.0										2220	2220	2810	2455
48/ 47	.1	.7	.5	.4	.3	.1	.1	.0										2054	2056	2787	2468
46/ 45	.2	.7	.6	.5	.2	.1	.0	.0										2041	2040	2701	2549
44/ 43	.1	.7	.6	.3	.2	.1	.0											1827	1831	2488	2360
42/ 41	.1	.7	.5	.4	.2	.1	.0											1640	1643	2203	2206
40/ 39	.1	.5	.5	.2	.2	.0	.0											1443	1443	2136	2313

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

FORM 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

13904	BERGSTROM AFB TX	68-70,72-80	ALL
STATION	STATION NAME	YEARS	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
38/ 37	.2	.6	.4	.2	.1	.0	.0											1316	1316	1835	2312
36/ 35	.2	.5	.3	.2	.1	.0												1062	1062	1649	2344
34/ 33	.1	.4	.3	.2	.0	.0												907	907	1370	2097
32/ 31	.1	.4	.2	.1	.0	.0												805	805	1144	2083
30/ 29	.0	.2	.2	.0	.0													397	397	886	1633
28/ 27	.0	.2	.1	.0	.0													312	312	574	1363
26/ 25	.0	.1	.0	.0														136	136	421	1156
24/ 23	.0	.0	.0	.0														60	60	203	684
22/ 21	.0	.0	.0	.0														55	55	98	753
20/ 19	.0	.0	.0	.0														36	37	55	672
18/ 17		.0																11	11	32	514
16/ 15		.0																3	3	13	386
14/ 13																				1	296
12/ 11																					180
10/ 9																					95
8/ 7																					45
6/ 5																					15
4/ 3																					13
2/ 1																					13
0/ -1																					3
-2/ -3																					2
-4/ -5																					6
-6/ -7																					1
-8/ -9																					1
TOTAL	3.0	20.5	20.6	13.8	10.0	8.1	6.7	5.8	4.5	3.2	1.9	1.2	.5	.2	.1	.0	.0	87616	87633	87616	87616

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.	446766561	6018045	68.7	19.527	87616							
Dry Bulb	414599185	5857967	66.8	16.206	87633		181.4	4964.7	3730.5	1989.0	296.1	8760
Wet Bulb	331723917	5251809	59.9	13.898	87616		342.4	3770.9	2007.9	32.7		8760
Dew Point	286189436	4814096	54.9	15.729	87616	1.3	990.6	2811.3	567.6	.6		8760

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L. S. T.)

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

Element (X)	$\Sigma_{\chi'}$	Σ_{χ}	$\bar{X}$	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

[illegible] AL CLIMATOLOGY BRANCH
[illegible] SAFETAC
[illegible] WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible] 4	[illegible]PCSTHOU AFB TX	69-73,73-[illegible]	JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	[illegible]-02	100.0	100.0	99.8	98.2	92.9	84.7	73.1	[illegible]4.	28.7	79.[illegible]	92[illegible]
	[illegible]-05	100.0	100.0	99.7	98.2	94.5	87.[illegible]	76.8	[illegible]4.7	31.4	[illegible]0.6	93
	[illegible]-08	100.0	100.0	100.0	98.5	94.1	87.2	77.9	[illegible].0	33.2	81.1	93[illegible]
	[illegible]-11	100.0	99.9	98.4	92.2	81.1	7[illegible].6	58.7	4[illegible].2	20.8	72.7	93[illegible]
	[illegible]-14	100.0	98.6	90.3	74.4	61.6	49.4	35.6	2[illegible].2	11.6	6[illegible].3	9[illegible]
	[illegible]-17	1[illegible].0	97.[illegible]	86.6	69.1	56.5	42.7	31.1	21.4	10.3	67.[illegible]	93
	[illegible]-2	1[illegible].0	99.9	96.2	87.6	76.1	61.6	46.0	32.0	14.8	67.[illegible]	93[illegible]
	[illegible]-23	100.0	100.[illegible]	99.6	95.8	89.4	77.6	64.4	45.8	21.2	75.4	9[illegible]
TOTALS		1[illegible].0	99.4	96.3	89.3	80.8	70.1	58.[illegible]	42.8	21.8	71.7	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

[redacted]

AL CLIMATOLOGY BRANCH
ETAC
ATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	BERGSTROM AFB TX	69-7[illegible],73-[illegible]	FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.7	97.3	92.7	83.[illegible]	7[illegible].1	5[illegible].7	25.1	77.7	[illegible]45
	03-05	100.0	100.0	99.5	97.9	93.1	86.2	77.5	61.2	29.9	8[illegible].6	845
	06-08	100.0	100.0	99.6	97.5	9[illegible].3	8[illegible].8	76.5	64.2	34.0	81.8	845
	09-11	100.0	99.[illegible]	95.9	89.1	8[illegible].5	68.7	54.[illegible]	39.8	20.0	70.6	846
	12-14	100.0	95.7	84.[illegible]	71.7	57.7	4[illegible].9	29.3	16.7	11.3	56.7	846
	15-17	99.9	93.3	7[illegible].1	64.2	46.5	32.5	24.2	13.5	9.2	51.7	846
	18-20	1[illegible].0	97.6	9[illegible].9	79.9	63.6	48.9	33.8	20.3	10.5	65.4	846
	21-23	1[illegible].0	99.6	98.3	94.9	85.6	71.6	54.8	36.8	17.0	71.7	846
TOTALS		1[illegible].0	96.2	93.2	86.6	76.9	65.1	52.7	36.1	19.6	66.9	6768

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

[illegible] LEMOORE NAS CA | 65-73,77-[illegible] | [illegible]
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	[illegible]-02	1[illegible].0	1[illegible].0	99.6	97.6	92.8	81.4	63.2	47.1	17.[illegible]	75.1	[illegible]
	03-05	100.0	100.0	99.6	98.5	94.3	86.9	74.3	57.[illegible]	27.3	79.1	[illegible]
	06-08	100.0	100.0	99.5	98.7	94.2	85.7	74.7	57.[illegible]	23.3	79.3	[illegible]
	09-11	100.0	99.0	91.6	86.0	72.8	61.3	47.5	[illegible].[illegible]	11.3	66.1	[illegible]
	12-14	1[illegible].[illegible]	95.9	82.2	67.2	55.[illegible]	37.7	25.9	13.4	3.3	53.1	[illegible]
	15-17	1[illegible].[illegible]	93.2	75.9	59.7	4[illegible].[illegible]	29.8	19.1	11.4	[illegible].2	47.[illegible]	[illegible]
	18-20	100.0	97.7	88.9	[illegible].3	57.[illegible]	43.5	28.1	15.4	[illegible].9	56.4	[illegible]
	21-23	100.0	99.9	98.8	93.8	81.4	66.7	50.6	31.8	6.8	68.8	93
TOTALS		1[illegible].0	98.[illegible]	92.5	[illegible].4	72.[illegible]	61.6	48.7	[illegible].[illegible]	11.[illegible]	66.[illegible]	[illegible]437

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13904	BERGSTROM AFB TX	59-73,73-82	APR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.9	99.6	98.6	95.6	89.9	79.9	60.6	16.7	8 .2	9?6
	03-05	100.0	100.0	100.0	99.2	97.3	92.7	86.6	65.1	27.3	83.3	900
	06-08	100.0	100.0	100.0	99.4	97.4	91.4	83.6	62.4	25.1	82.7	900
	09-11	100.0	99.8	97.8	92.2	79.7	68.3	53.4	32.9	7.0	68.6	900
	12-14	100.0	98.3	92.8	76.1	64.1	44.7	26.7	14.7	3.1	57.5	900
	15-17	100.0	97.8	87.1	73.0	55.9	37.9	21.1	10.2	2.9	53.9	899
	18-20	100.0	99.7	94.3	82.8	68.9	53.2	37.2	18.2	3.4	61.3	900
	21-23	100.0	99.7	99.7	97.2	90.2	77.7	62.6	41.1	8.7	73.5	900
TOTALS		100.0	99.5	96.4	89.4	81.1	69.5	56.4	39.1	12.1	71.1	7199

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13964	BERGSTROM AFB TX	69-70,73-80	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.9	99.7	99.7	98.6	93.[illegible]	72.9	26.5	85.[illegible]	93[illegible]
	03-05	100.0	100.0	100.0	99.7	99.7	99.1	96.3	83.4	35.2	87.6	93[illegible]
	06-08	100.0	100.0	100.0	100.0	99.7	96.9	91.4	77.2	27.5	85.3	930
	09-11	100.0	100.0	99.1	96.8	88.5	75.7	55.[illegible]	28.4	3.6	69.8	929
	12-14	100.0	99.8	97.1	89.2	74.4	46.8	21.4	8.3	1.1	59.4	93[illegible]
	15-17	100.0	99.6	96.8	86.7	65.4	38.2	20.2	7.8	1.8	57.0	93[illegible]
	18-20	100.0	99.7	98.6	94.4	81.6	59.6	36.3	17.0	3.8	64.7	929
	21-23	100.0	99.9	99.8	99.5	98.1	92.0	75.4	44.3	10.6	77.4	930
TOTALS		100.0	99.9	99.9	95.8	88.4	75.9	61.1	42.0	13.8	73.3	7438

USAFETAC FORM JUL 64 0-87-5 (OL A)

...L...AL CLIMATOLOGY BRANCH
...SAFETAC
AI... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

139 4	BERGSTROM AFB TX	69-70,73-[illegible]	JUN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.9	98.0	92.3	65.9	14.4	82.6	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	95.6	85.1	24.8	86.4	900
	06-08	100.0	100.0	100.0	100.0	100.0	98.4	92.2	70.3	19.3	83.9	900
	09-11	100.0	100.0	100.0	98.9	91.6	67.0	33.1	10.3	2.4	65.8	900
	12-14	100.0	100.0	98.9	90.8	61.9	25.3	9.4	4.4	1.0	54.9	900
	15-17	100.0	100.0	97.9	83.2	45.9	19.4	8.0	3.7	1.4	51.4	900
	18-20	100.0	100.0	99.2	93.2	70.4	39.9	20.0	7.6	1.9	56.8	900
	21-23	100.0	100.0	100.0	99.8	97.3	86.8	61.3	30.1	5.7	73.5	900
TOTALS		100.0	100.0	99.5	95.7	83.4	66.7	51.5	34.7	8.9	69.7	7200

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible] 4	BERGSTROM AFB TX	69-70,73-80	JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.4	92.0	75.4	41.2	4.2	76.7	930
	03-05	100.0	100.0	100.0	100.0	100.0	97.7	91.1	66.1	13.3	82.6	931
	06-08	100.0	100.0	100.0	100.0	99.6	96.7	87.7	59.2	12.9	81.2	930
	9-11	100.0	100.0	100.0	97.6	84.4	53.0	20.2	6.0	.5	61.8	931
	12-14	100.0	100.0	97.3	76.8	39.2	13.2	5.2	2.9	.1	49.2	93
	15-17	100.0	99.9	91.7	65.6	26.	11.1	4.7	2.6	.1	45.2	929
	18-20	100.0	100.0	95.9	77.8	49.7	26.2	12.8	5.1	.2	52.3	927
	21-23	100.0	100.0	100.0	96.1	68.6	65.7	40.1	14.9	.3	66.2	927
TOTALS		100.0	100.0	98.1	88.9	73.4	57.0	42.2	24.2	4.0	64.4	7433

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

1974 | STATION | FEROSTROM AFB TX | STATION NAME | 69,72-80 | PERIOD | AUG | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.7	96.3	84.9	47.1	11.6	79.5	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	95.7	71.6	22.8	84.8	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	94.6	71.0	24.1	84.8	930
	09-11	100.0	100.0	100.0	99.5	91.2	62.3	29.1	12.2	2.5	65.2	930
	12-14	100.0	100.0	99.6	85.1	40.8	14.9	7.4	4.3	.6	50.8	930
	15-17	100.0	100.0	96.9	64.8	28.3	14.9	8.1	3.3	.3	47.3	930
	18-20	100.0	100.0	98.9	87.3	60.2	33.3	16.9	6.5	1.2	55.9	930
	21-23	100.0	100.0	100.0	99.5	95.2	77.1	48.1	22.2	3.4	70.2	930
TOTALS		100.0	100.0	99.4	92.0	76.9	62.3	48.1	29.7	8.3	67.3	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)

[redacted]

[redacted] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13904	BERGSTROM AFB TX	69,72-83	SEP
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.4	96.1	86.3	61.2	12.7	81.2	900
	03-05	100.0	100.0	100.0	100.0	99.9	99.0	91.7	73.9	23.0	84.6	900
	06-08	100.0	100.0	100.0	100.0	100.0	98.0	92.2	71.0	22.6	84.3	900
	09-11	100.0	100.0	99.9	98.4	92.1	70.0	44.0	17.3	3.2	68.1	900
	12-14	100.0	100.0	98.1	88.1	55.1	25.4	13.0	6.2	1.0	54.3	900
	15-17	100.0	99.8	96.3	77.2	40.9	24.6	13.2	6.9	1.0	51.4	900
	18-20	100.0	100.0	99.0	92.6	72.1	47.4	28.0	12.7	2.7	61.0	900
	21-23	100.0	100.0	100.0	99.8	96.4	85.4	63.4	31.1	5.3	73.5	900
TOTALS		100.0	100.0	99.2	94.5	82.0	68.2	54.0	35.0	8.9	69.8	7210

USAFETAC FORM AFL 64 0-87-5 (OL A)

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...TAL CLIMATOLOGY BRANCH
...ETAC
AF... WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
...4	BERGSTROM AFB TX	69,72-80	OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.7	96.8	92.2	81.0	40.2	10.5	78.5	93[illegible]
	03-05	100.0	100.0	100.0	99.6	98.2	94.1	87.1	59.8	20.6	81.8	930
	06-08	100.0	100.0	100.0	99.8	97.2	93.5	85.2	61.9	22.8	82.1	930
	09-11	100.0	100.0	98.8	92.5	80.5	60.0	38.4	20.0	6.7	65.4	930
	12-14	100.0	99.4	93.3	71.8	46.1	23.9	14.3	6.0	1.5	51.3	929
	15-17	100.0	98.4	84.2	61.4	36.1	19.2	11.3	6.1	1.3	47.6	930
	18-20	100.0	100.0	97.8	88.0	67.4	42.8	24.8	11.7	2.8	57.3	930
	21-23	100.0	100.0	100.0	98.9	93.9	81.7	54.6	24.8	7.0	71.6	931
TOTALS		100.0	99.7	96.4	89.0	77.0	63.4	49.6	29.8	9.2	67.2	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1?? 4	BERGSTROM AFB TX	69,72-8?	NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.7	99.0	95.3	89.6	77.6	55.1	17.8	79.3	900
	03-05	100.0	100.0	99.6	98.6	96.4	92.7	81.7	60.9	26.4	81.2	900
	06-08	100.0	100.0	99.4	98.1	97.0	92.8	80.3	61.6	28.7	81.5	900
	09-11	100.0	99.7	96.7	90.7	78.7	65.4	45.7	26.[illegible]	8.2	67.1	900
	12-14	100.0	97.9	86.3	71.6	54.0	34.2	18.6	10.7	3.3	53.5	900
	15-17	100.0	96.7	83.8	67.8	48.8	29.2	16.3	9.1	3.3	51.2	900
	18-20	100.0	99.8	97.7	89.7	77.5	59.2	37.9	18.1	5.8	64.3	897
	21-23	100.0	100.0	99.7	97.9	93.3	82.6	66.2	38.6	13.4	74.7	897
TOTALS		100.0	99.3	95.4	89.2	80.1	68.2	53.0	35.0	13.1	69.1	7194

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13724	BERGSTROM AFB TX	68-69,72-79	DEC
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.6	98.3	91.6	79.4	64.4	41.9	17.7	75.0	927
	03-05	100.0	100.0	100.0	99.5	95.3	86.1	71.3	49.3	21.8	77.9	927
	06-08	100.0	100.0	99.9	98.6	96.8	86.8	75.1	53.6	23.2	79.1	927
	09-11	100.0	99.9	97.4	90.1	75.4	62.6	48.9	33.4	14.8	67.8	930
	12-14	100.0	97.8	86.3	63.4	49.2	35.6	25.2	15.9	7.7	53.8	930
	15-17	100.0	95.5	78.8	56.6	41.3	29.7	21.8	14.3	5.3	49.9	93.
	18-20	100.0	99.6	96.5	84.7	66.3	49.4	34.0	19.7	7.8	61.4	930
	21-23	100.0	100.0	99.1	96.2	85.3	70.0	53.0	33.3	12.4	70.7	926
TOTALS		100.0	99.1	94.7	85.9	75.2	62.5	49.2	32.7	13.8	67.0	7429

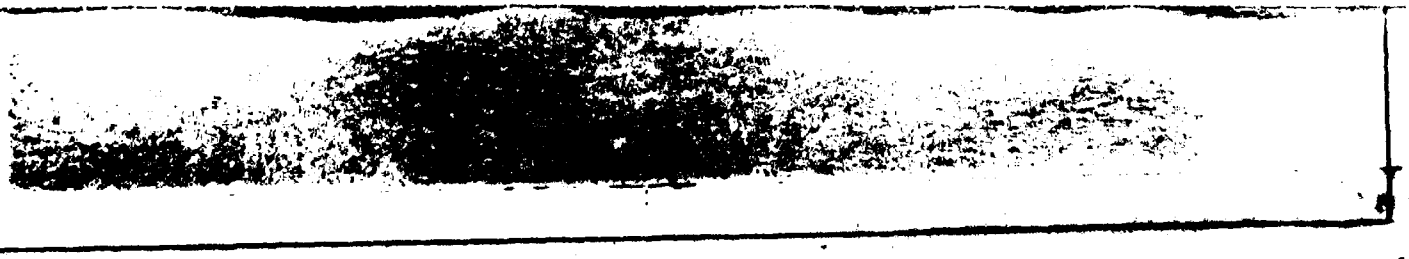
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
1[illegible]4	BERGSTROM AFB TX	69-73,72-93	ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.4	96.3	89.3	80.8	70.1	58.0	42.8	21.8	71.7	7439
FEB		100.0	98.2	93.2	86.6	76.9	65.1	52.7	38.1	19.6	68.9	6768
MAR		100.0	98.2	92.5	84.4	72.9	61.6	48.7	32.8	11.0	66.0	7437
APR		100.0	99.5	96.4	89.4	81.1	69.5	56.4	39.1	12.0	70.1	7199
MAY		100.0	99.9	98.9	95.8	88.4	75.9	61.1	42.0	13.8	73.3	7438
JUN		100.0	100.0	99.5	95.7	83.4	66.7	51.5	34.7	8.9	69.7	7200
JUL		100.0	100.0	98.1	88.9	73.4	57.0	42.2	24.8	4.0	64.4	7433
AUG		100.0	100.0	99.4	92.0	76.9	62.3	48.1	29.7	8.3	67.3	7440
SEP		100.0	100.0	99.2	94.5	82.0	68.2	54.[illegible]	35.0	8.9	69.6	7200
OCT		100.0	99.7	96.4	89.0	77.0	63.4	49.6	29.8	9.2	67.2	7439
NOV		100.0	99.3	95.4	89.2	80.1	68.2	53.0	35.0	13.1	69.1	7194
DEC		100.0	99.1	94.7	85.9	75.2	62.5	49.2	32.7	13.8	67.0	7429
TOTALS		100.0	99.4	96.7	90.1	79.0	65.9	52.0	34.7	12.0	68.7	87616



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 68-70,72-80 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	43.4	47.5	55.2	62.0	68.1	74.1	77.6	77.0	72.6	62.9	53.1	46.4	61.7
	S.D.	11.180	9.682	9.603	7.604	5.813	4.554	3.243	3.249	5.400	8.597	10.963	10.045	14.304
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	42.0	45.7	53.5	60.2	66.6	72.4	75.4	74.9	70.8	60.9	51.3	44.5	59.9
	S.D.	11.445	9.926	10.290	8.325	6.325	4.853	2.614	2.871	5.733	9.100	11.142	10.480	14.399
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	41.0	44.9	53.0	60.7	68.0	74.0	76.7	75.6	71.1	61.1	50.6	43.7	60.1
	S.D.	11.417	10.149	10.348	8.111	6.148	5.015	3.437	3.433	5.813	9.133	11.094	10.501	15.114
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	46.2	51.8	60.2	67.9	75.3	82.1	85.4	84.6	79.5	70.7	58.5	50.9	67.8
	S.D.	11.783	10.749	9.898	6.882	5.737	5.003	4.417	4.338	6.210	8.938	10.800	9.777	15.753
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	52.9	59.2	66.9	73.6	80.3	87.2	91.1	90.6	85.6	77.6	65.5	58.7	74.2
	S.D.	13.294	12.374	10.717	7.088	6.193	5.681	5.234	4.876	6.631	9.453	11.769	10.534	15.672
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
15-17	MEAN	55.0	61.9	69.3	75.5	81.6	88.6	92.8	91.8	86.6	78.9	66.5	60.3	75.8
	S.D.	13.565	12.826	11.001	7.040	6.422	5.987	6.013	5.548	6.987	9.244	11.938	10.680	15.585
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
18-20	MEAN	49.5	56.5	64.3	71.0	77.4	84.4	88.3	86.9	81.0	71.8	59.5	53.3	70.4
	S.D.	11.486	10.939	9.725	6.536	6.095	5.855	6.249	5.731	6.596	8.667	10.626	9.287	15.506
	TOTAL OBS	930	846	930	900	929	900	927	930	900	930	897	930	10949
21-23	MEAN	45.6	50.9	58.4	65.2	71.6	77.9	81.8	80.5	75.4	65.9	54.9	48.9	64.8
	S.D.	10.852	9.578	8.926	6.670	5.568	4.851	4.593	4.053	5.690	8.448	10.739	9.535	14.584
	TOTAL OBS	930	846	930	900	930	900	927	930	900	930	897	930	10950
ALL HOURS	MEAN	47.0	52.3	60.1	67.0	73.6	80.1	83.6	82.7	77.8	68.7	57.5	50.8	66.8
	S.D.	12.826	12.340	11.631	9.176	8.154	7.917	7.845	7.661	8.527	11.161	12.530	11.670	16.206
	TOTAL OBS	7440	6768	7440	7199	7439	7200	7434	7440	7200	7439	7194	7440	87633

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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 68-70,72-80 (YEARS)

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	40.8	44.3	51.3	58.4	65.2	70.3	72.2	72.3	68.6	58.9	49.9	43.0	58.0
	S.D.	11.408	9.850	10.031	8.373	6.177	4.540	2.310	2.507	5.743	8.755	11.168	10.398	14.000
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	927	10953
03-05	MEAN	39.7	43.1	50.2	57.4	64.2	69.6	71.5	71.6	67.7	57.7	48.5	41.7	57.0
	S.D.	11.594	10.169	10.676	8.968	6.650	4.960	2.476	2.658	6.225	9.357	11.338	10.856	14.382
	TOTAL OBS	93[illegible]	846	930	900	930	900	930	930	900	930	900	927	10953
06-08	MEAN	38.8	42.5	49.8	57.6	65.1	70.5	72.5	72.2	67.9	57.9	47.9	41.1	57.1
	S.D.	11.572	10.348	10.736	8.798	6.467	4.788	2.710	2.870	6.193	9.398	11.335	10.857	14.877
	TOTAL OBS	929	846	929	900	930	900	930	930	900	930	900	927	10951
09-11	MEAN	42.3	46.8	53.7	61.3	68.2	73.3	75.0	75.3	71.6	63.0	52.5	45.8	60.8
	S.D.	11.456	9.948	9.557	7.346	5.675	3.956	2.281	2.219	5.342	8.317	10.571	9.885	14.049
	TOTAL OBS	930	846	928	900	929	900	930	930	900	930	900	930	10953
12-14	MEAN	45.9	50.4	56.4	63.5	69.8	74.3	75.6	75.8	72.8	65.0	55.5	49.7	62.9
	S.D.	11.484	9.834	9.034	6.897	5.595	3.979	2.315	2.200	4.864	7.831	10.447	9.666	12.992
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
15-17	MEAN	46.9	51.5	57.2	63.9	70.2	74.3	75.3	75.4	72.5	64.9	55.7	50.2	63.2
	S.D.	11.250	9.666	8.890	6.796	5.480	3.965	2.307	2.229	4.674	7.349	10.263	9.315	12.553
	TOTAL OBS	930	846	930	899	930	900	929	930	900	930	900	930	10954
18-20	MEAN	44.3	49.0	55.1	62.3	68.7	73.1	74.1	74.3	70.8	62.3	52.9	46.8	61.2
	S.D.	10.767	9.380	8.786	7.022	5.423	3.968	2.300	2.363	4.911	7.540	10.317	9.465	13.053
	TOTAL OBS	930	846	930	900	929	900	927	930	900	930	897	930	10949
21-23	MEAN	42.3	46.4	52.9	60.0	66.8	71.6	73.0	73.0	69.3	60.3	50.8	44.6	59.3
	S.D.	11.002	9.540	9.312	7.657	5.696	4.168	2.361	2.356	5.448	8.231	10.863	9.989	13.553
	TOTAL OBS	930	846	930	900	930	900	927	930	900	930	897	928	10948
ALL HOURS	MEAN	42.6	46.8	53.3	60.5	67.3	72.1	73.7	73.7	70.2	61.3	51.7	45.3	59.9
	S.D.	11.635	10.328	9.996	8.140	6.286	4.646	2.801	2.884	5.775	8.828	11.141	10.566	13.898
	TOTAL OBS	7439	6768	7437	7199	7438	7200	7433	7440	7200	7439	7194	7429	87616

USAF ETAC FORM OCT 78 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

13904 (STATION) BERGSTROM AFB TX (STATION NAME) 68-70,72-80 (YEARS)

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	36.9	40.4	47.3	55.5	63.4	68.5	69.6	70.0	66.4	55.9	46.6	38.4	55.0
	S.D.	13.706	12.030	12.196	10.417	7.085	5.196	3.018	3.124	6.755	10.023	12.942	12.745	15.617
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	927	10953
03-05	MEAN	36.1	39.6	46.8	55.0	62.8	68.1	69.6	70.0	65.9	55.2	45.5	37.7	54.4
	S.D.	13.797	12.225	12.654	10.630	7.419	5.500	3.142	3.142	7.110	10.567	13.102	12.966	15.955
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	927	10953
06-08	MEAN	35.2	39.3	46.4	55.2	63.3	68.8	70.4	70.7	66.1	55.4	44.9	37.3	54.5
	S.D.	13.746	12.270	12.761	10.498	7.413	5.339	3.275	3.207	7.081	10.670	13.122	12.966	16.345
	TOTAL OBS	929	846	929	900	930	900	930	930	900	930	900	927	10951
09-11	MEAN	36.9	41.2	47.5	56.3	64.2	69.2	70.4	71.3	67.7	57.8	46.6	39.6	55.8
	S.D.	14.250	12.574	12.820	10.459	7.669	5.104	3.199	3.024	6.698	10.429	13.602	13.227	16.032
	TOTAL OBS	930	846	928	900	929	900	930	930	900	930	900	930	10953
12-14	MEAN	37.6	41.4	47.1	56.3	64.1	68.5	68.8	69.4	66.6	56.8	46.5	40.0	55.3
	S.D.	14.583	12.878	12.879	10.730	8.050	5.361	3.649	3.425	6.632	10.563	14.161	13.909	15.737
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
15-17	MEAN	37.8	41.0	46.8	55.8	64.1	67.8	67.5	68.1	65.5	55.8	46.1	39.2	54.7
	S.D.	14.317	12.896	12.883	11.113	8.016	5.546	3.990	3.822	6.807	10.313	14.112	13.824	15.541
	TOTAL OBS	930	846	930	899	930	900	929	930	900	930	900	930	10954
18-20	MEAN	37.9	41.1	46.7	55.8	63.8	67.8	67.7	68.5	65.5	55.9	46.5	39.1	54.7
	S.D.	13.593	12.495	12.467	10.856	7.589	5.475	3.918	3.812	6.666	9.696	13.274	13.139	15.248
	TOTAL OBS	930	846	930	900	929	900	927	930	900	930	897	930	10949
21-23	MEAN	37.7	41.2	47.4	56.0	63.9	68.5	68.9	69.5	66.1	56.2	46.7	39.1	55.2
	S.D.	13.526	12.088	12.114	10.294	6.945	5.146	3.302	3.279	6.639	9.667	12.950	12.813	15.287
	TOTAL OBS	930	846	930	900	930	900	927	930	900	930	897	928	10948
ALL HOURS	MEAN	37.3	40.7	47.0	55.7	63.7	68.4	69.1	69.7	66.2	56.1	46.2	38.8	54.9
	S.D.	13.965	12.453	12.600	10.632	7.542	5.352	3.605	3.504	6.829	10.273	13.424	13.227	15.729
	TOTAL OBS	7439	6768	7437	7199	7438	7200	7433	7440	7200	7439	7194	7429	87616

USAF ETAC FORM OCT 78 0-89-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

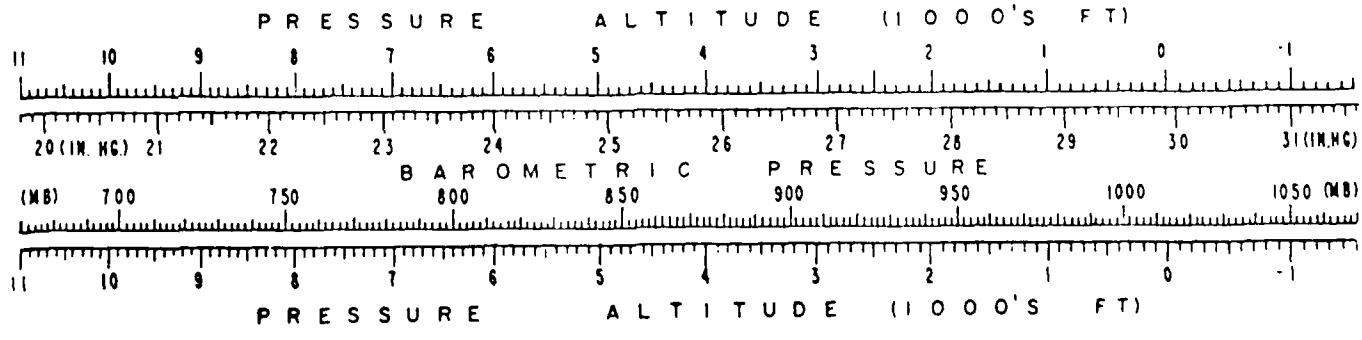
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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MEANS AND STANDARD DEV

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVA

1 4 — STATION — BERGSTROM AFB TX — STATION NAME — 68-70,72-80 — YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0	MEAN	29.543	29.522	29.397	29.378	29.345	29.376	29.410	29.408	29.396	29.464	29.514	29.5
	S D	.206	.196	.180	.159	.139	.101	.066	.070	.096	.141	.18	.2
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	31
3	MEAN	29.533	29.510	29.380	29.360	29.324	29.364	29.403	29.400	29.386	29.455	29.504	29.51
	S D	.208	.194	.182	.163	.139	.102	.066	.071	.096	.143	.176	.20
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	31
6	MEAN	29.537	29.515	29.394	29.376	29.342	29.384	29.422	29.416	29.399	29.471	29.515	29.51
	S D	.206	.196	.185	.162	.140	.100	.067	.071	.101	.145	.181	.21
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	31
9	MEAN	29.580	29.558	29.437	29.414	29.376	29.410	29.449	29.445	29.436	29.512	29.559	29.55
	S D	.209	.200	.188	.164	.141	.102	.067	.071	.101	.150	.183	.21
	TOTAL OBS	310	282	31	30	310	300	310	31	30	31	300	31
12	MEAN	29.572	29.553	29.422	29.398	29.361	29.396	29.431	29.427	29.416	29.487	29.535	29.53
	S D	.208	.201	.186	.161	.142	.103	.068	.072	.102	.149	.187	.21
	TOTAL OBS	310	282	310	300	310	300	31	31	30	310	300	
15	MEAN	29.494	29.471	29.347	29.338	29.309	29.347	29.377	29.364	29.351	29.419	29.465	29.46
	S D	.208	.198	.185	.159	.143	.103	.069	.074	.100	.147	.186	.21
	TOTAL OBS	31	282	310	300	310	300	310	310	300	310	300	31
18	MEAN	29.501	29.467	29.336	29.316	29.282	29.317	29.347	29.342	29.342	29.416	29.472	29.47
	S D	.208	.197	.181	.156	.139	.104	.071	.074	.100	.145	.184	.20
	TOTAL OBS	31	282	310	300	310	300	309	310	300	310	299	31
	MEAN	29.534	29.503	29.379	29.360	29.319	29.349	29.379	29.384	29.386	29.456	29.512	29.50
	S D	.209	.194	.178	.157	.137	.101	.068	.070	.099	.142	.184	.20
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	299	31
	MEAN	29.537	29.512	29.387	29.368	29.332	29.368	29.402	29.398	29.389	29.460	29.510	29.51
	S D	.209	.199	.186	.162	.143	.106	.075	.078	.104	.148	.185	.21
	TOTAL OBS	24	2256	2483	2400	2480	2400	2478	2480	2400	2480	2398	248

CENTRAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

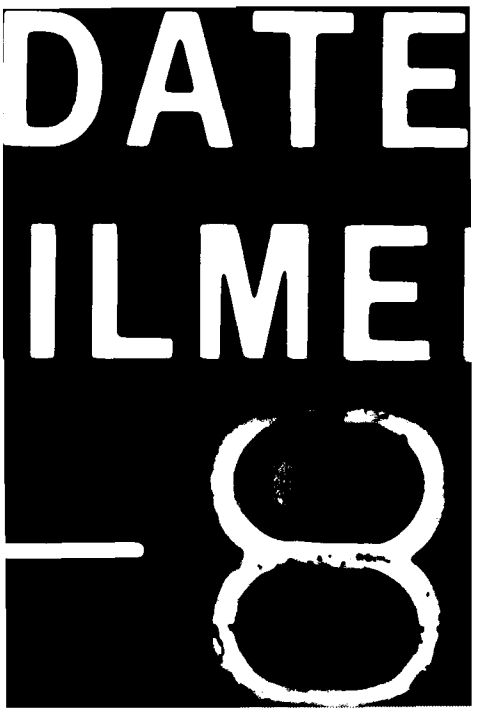
SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

[illegible] BERGSTROM AFB TX — STATION NAME

68-70,72-80 — YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	1020.6	1019.8	1019.2	1014.4	1013.1	1014.0	1015.2	1015.1	1014.8	1017.4	1019.3	1019.7	1016.5
	S D	7.288	6.923	6.355	5.586	4.815	3.569	2.314	2.471	3.368	4.982	6.360	7.267	5.943
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	1020.3	1019.3	1014.6	1013.8	1012.4	1013.6	1014.9	1014.8	1014.5	1017.0	1019.0	1019.3	1016.1
	S D	7.346	6.854	6.643	5.624	4.873	3.566	2.317	2.542	3.435	5.073	6.332	7.310	5.999
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1020.4	1019.5	1015.1	1014.4	1013.0	1014.3	1015.6	1015.4	1014.9	1017.6	1019.4	1019.4	1016.6
	S D	7.323	6.920	6.539	5.693	4.894	3.537	2.393	2.553	3.545	5.157	6.408	7.418	5.975
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1021.4	1021.0	1016.6	1015.7	1014.2	1015.2	1016.5	1016.4	1016.1	1019.1	1020.9	1020.9	1017.8
	S D	7.401	7.053	6.630	5.751	4.931	3.610	2.416	2.533	3.66	5.268	6.462	7.571	6.112
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
	MEAN	1021.6	1020.8	1016.1	1015.1	1013.7	1014.8	1015.9	1015.6	1015.5	1018.1	1020.1	1020.3	1017.5
	S D	7.381	7.088	6.566	5.654	4.936	3.632	2.433	2.580	3.591	5.249	6.599	7.514	6.116
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
	MEAN	1016.9	1018.0	1013.5	1013.1	1012.0	1013.0	1014.0	1013.6	1013.2	1015.8	1017.6	1017.7	1015.4
	S D	7.393	6.985	6.512	5.573	4.956	3.588	2.447	2.618	3.501	5.193	6.563	7.436	5.966
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1019.1	1017.9	1013.1	1012.3	1010.9	1012.0	1012.9	1012.8	1012.9	1015.7	1017.9	1018.1	1014.6
	S D	7.374	6.966	6.353	5.485	4.961	3.621	2.501	2.585	3.491	5.112	6.530	7.366	6.118
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	299	310	3650
	MEAN	1020.3	1019.1	1014.6	1013.8	1012.2	1013.1	1014.1	1014.3	1014.4	1017.1	1019.3	1019.3	1016.0
	S D	7.386	6.840	6.269	5.518	4.748	3.516	2.419	2.505	3.481	5.027	6.498	7.287	6.048
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	299	310	3650
ALL HOURS	MEAN	1020.4	1019.4	1014.8	1014.1	1012.7	1013.8	1014.9	1014.8	1014.5	1017.2	1019.2	1019.3	1016.2
	S D	7.418	7.026	6.544	5.695	4.980	3.709	2.641	2.777	3.645	5.234	6.536	7.446	6.119
	TOTAL OBS	2480	2255	2480	2400	2478	2400	2478	2480	2400	2480	2398	2480	29209

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