

AD-A116 094

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS, REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(11)
APR 82

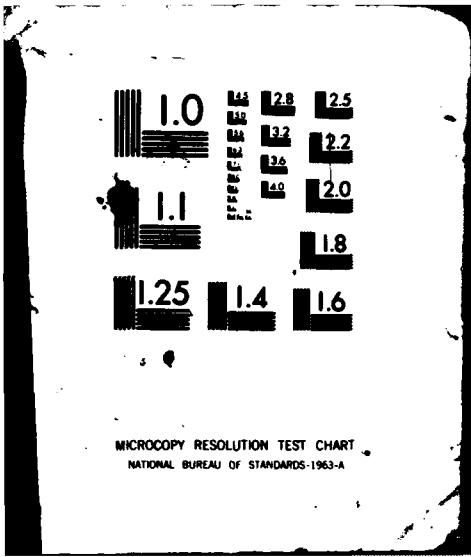
UNCLASSIFIED

USAFETAC/DS-82/026

SBI-AD-E850 173

NL

A large grid table with approximately 14 columns and 12 rows. The top-left corner of the grid contains the number "5". The rest of the table is almost entirely obscured by a black redaction block. Only a small portion of the grid is visible in the bottom-left corner.

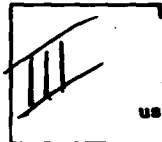


PHOTOGRAPH THIS SHEET

AD-E850173

AD A116094

DTIC ACCESSION NUMBER



LEVEL

Attention
Camera Operator
When filming attached document
use Bell & Howell camera ONLY!!!

Consult with Supervisor for
further instructions.



INVENTORY

USAFETAC/DS-82/026

DOCUMENT IDENTIFICATION

15 Apr. 82

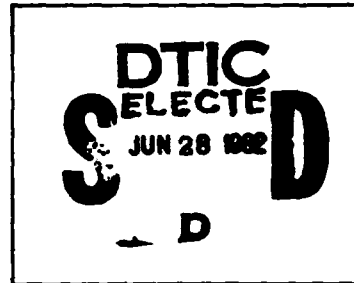
DISTRIBUTION STATEMENT A

Approved for public release
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR	
NTIS	GRA&I <input checked="" type="checkbox"/>
DTIC	TAB <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
JUSTIFICATION	
BY	
DISTRIBUTION /	
AVAILABILITY CODES	
DIST	AVAIL AND/OR SPECIAL
A	

DISTRIBUTION STAMP



DATE ACCESSIONED



Empty rectangular box for date received in DTIC.

DATE RECEIVED IN DTIC

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2

DTIC FORM OCT 79 70A

DOCUMENT PROCESSING SHEET

82 00 01 018

ADE 850 173

AD A116094

USAFETAC/DS-82/026

**DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)**

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

LAUGHLIN AFB TX MSG #722615
N 29 22 W 100 47 FLD ELEV 1082 FT MSL

PARTS A-F

PCR FROM HOURLY OBS: SEP 69 - DEC 70; JAN 73 - AUG 81

PCR FROM DAILY OBS: FEB 43 - SEP 45; JUN 53 - AUG 81

TIME CONVERSION GMT TO LST: -6

APR 15 1982

AFS TECHNICAL LIBRARY
FL 4414
SCOTT AFB IL

22 APR 82

"THIS DOCUMENT HAS BEEN APPROVED
FOR PUBLIC RELEASE AND SALE; ITS
DISTRIBUTION IS UNLIMITED."
FEDERAL BUILDING
ASHEVILLE, N. C.

REVIEW AND APPROVAL STATEMENT

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DOC to the National Technical Information Service (NTIS).

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

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

FOR THE COMMANDER

WALTER S. BURGMANN
ANS Scientific and Technical
Information Officer (STINFO)

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

ADP 850 123

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 82/026	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Langlin AFB, Texas		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 15 APR 82
		13. NUMBER OF PAGES 400
		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		16a. DECLASSIFICATION/DOWNGRADING SCHEDULE
18. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
19. SUPPLEMENTARY NOTES		
20. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
21. ABSTRACT (Continue on reverse side if necessary and identify by block number) Langlin AFB, Texas This report is a six-part statistical summary of surface weather observations for 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 79 1473

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

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

TEXAS

Laughlin 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 occurrence or cumulative percentage frequency of occurring tables.

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

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: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFTAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MHC 999999) which will appear on future OL-A standard products.

STATION NO OR SUMMARY 722615	STATION NAME LAUGHLIN APB TEXAS/DEL RIO	LATITUDE N 29 22	LONGITUDE W 100 47	FIELD ELEV (FT.) 1082	CALL SIGN DLF	WIND NUMBER 722615
---------------------------------	--	---------------------	-----------------------	--------------------------	------------------	-----------------------

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)	BY MANS.	
			1.	Laughlin Field, Del Rio, Texas			AAP	Mar 43	
2.	Del Rio, Texas	WB	Aug 46	Apr 51	N 29 22	W 100 54	Same	991	18
3.	Same	Same	May 51	Jun 53	Same	W 100 49	Same	1096	24
4.	Laughlin AFB, Del Rio, Texas	AFB	Jul 53	Mar 56	Same	W 100 47	1081	1093	24
5.	Same	Same	Apr 56	Nov 63	Same	Same	Same	1072	24
6.	Same	Same	Dec 63	Jun 71	Same	Same	Same	Same	12 to 20
7.	Same	Same	Jul 71	Aug 75	Same	Same	Same	1125	15 to 21
8.	Same	Same	Aug 75	Jul 81	Same	Same	1082	1072	24
9.	Same	Same	Jul 81	Dec 81	Same	Same	Same	1073	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		HT ABOVE GROUND
1.	Mar 43	Not Available	Anemometer	None	N/A	
2.	Aug 46	Located on Roof	Same	None	71 ft	
3.	Apr 51	Same	Same	None	29 ft	
4.	Jul 53	Located on Base Operations Bldg	AN/GM2	None	40 ft	
5.	Apr 57	Located 10 ft SSE of instrument shelter	AN/GM2	None	35 ft	
6.	Oct 57	Same	Same	ML-240	Same	
7.	Apr 58	Dual Instrumented 1) Located 10 ft SSE of the instrument shelter 2) Located between Rwy 13R & 13L, approx. 300 ft from both sides of Rwy's.	Same	Same	Same	
			Same		20 ft	

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
8.	Apr 59	Located 2400 ft from end of Rwy 31R and 500 ft from centerline of Rwy 31R and 31L.	AN/GMO 11	RO-2	13 ft	
9.	Apr 60	Located midway between the parallel Rwys, 3800 ft NW of the approach end of Rwy 31L	Same	Same	Same	
10.	Jul 71	Same	AN/GMO 20	RO-362	Same	
11.	Aug 75	Same	Same	Same	Same	

C 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 sum of the individual categories may exceed the percentages of the observations with precip.

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

722615 LAUGHLIN AFB TX 70,73-81 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	10.1		.3		10.3	13.2	.2		.5	13.7	622
	03-05		12.4		.3		12.4	16.6			.3	16.9	620
	06-08		14.1	.2	.1		14.4	22.3	.7		.2	23.1	878
	09-11		12.1	.1	.7		12.7	20.6	.4		.4	21.5	907
	12-14		7.0		.5		7.0	9.6	.6		.1	10.1	924
	15-17		5.0		.3		5.0	5.1	.7		.2	5.9	921
	18-20		6.6		.4	.1	6.9	5.9	.6		.4	6.9	307
	21-23		8.1	.3	.4		8.8	9.9	.4		.4	10.3	754
TOTALS		.0	9.4	.1	.4	.0	9.7	12.9	.5		.3	13.6	6433

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722515
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73-81
 YEARS

FEB
 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		9.1				9.1	8.9			.2	9.1	607
	03-05		9.9				9.9	12.5	.2		.3	13.0	609
	06-08		12.3		.1		12.3	20.4			.4	20.7	810
	09-11		11.0		.5		11.1	18.0	.5		.1	18.3	835
	12-14		6.9		.4		7.2	7.4	.2			7.6	843
	15-17		6.2		.5		6.6	4.9	.2	.1	.4	5.6	839
	18-20		6.9		.4		7.3	6.1			.4	6.5	752
	21-23	.1	6.7		.4		7.1	6.7			.5	7.3	728
TOTALS		.0	8.6		.3		8.8	10.6	.1	.0	.3	11.0	6023

4626

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		6.3				6.3	4.9			1.1	6.0	713
	03-05	.1	8.3				8.3	10.1			1.1	11.2	724
	06-08		9.7				9.7	16.3	.8		1.6	18.7	900
	09-11		7.9				7.9	10.8	1.4		1.0	13.2	925
	12-14	.2	4.0				4.0	3.1	.6		.5	4.3	930
	15-17	.8	2.7				2.7	1.6	.1		.5	2.3	926
	18-20	.7	2.8				2.8	2.1			1.3	3.4	843
	21-23	.4	3.2				3.2	2.2			1.3	3.5	837
TOTALS		.3	5.6				5.6	6.4	.4		1.1	7.8	6798

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72615
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73-81
 YEARS

APP
 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	HALE	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APP	00-02	3.2	7.9				7.9	2.9	.1		.4	3.5	683
	03-05	1.6	8.2				8.2	7.3			.1	7.5	696
	06-08	.3	8.2				8.2	19.3	2.2		.2	21.1	970
	09-11	.1	7.6				7.6	11.2	3.1			13.7	895
	12-14	.2	3.8				3.8	2.7	1.4			4.1	900
	15-17	.7	3.0				3.0	1.7	1.1			2.6	895
	18-20	1.2	2.6				2.6	.9	.6			1.5	809
	21-23	3.3	5.8				5.8	1.3	.5			1.8	799
TOTALS		1.3	5.9				5.9	5.9	1.1		.1	7.0	6547

4637

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73-81
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.8	3.7				3.7	4.4	.8			4.7	655
	03-05	2.3	7.5			.1	7.5	10.1	.7			10.1	702
	06-08	.9	10.9				10.9	22.3	2.5			23.6	884
	09-11	.3	8.5				8.5	10.9	4.8			15.5	915
	12-14	.5	2.3				2.3	2.2	1.7			3.8	924
	15-17	2.2	3.0			.1	3.0	.2	1.6			1.9	912
	18-20	5.1	5.2			.1	5.2	.1	1.2		.4	1.6	810
	21-23	3.0	3.3				3.3	1.7	.9		.1	2.5	767
TOTALS		2.0	5.6			.0	5.6	6.5	1.8		.1	8.0	6569

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615 LAUGHLIN AFB TX 70,73-81 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	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.6	2.0				2.0						638
	03-05	1.0	3.1				3.1	.6				.6	687
	06-08	.6	5.4				5.4	6.4	2.8			9.0	853
	09-11	.7	4.4				4.4	2.8	.7		.1	3.6	891
	12-14	.7	2.2				2.2				.1	.1	900
	15-17	1.0	1.8				1.8	.2				.2	886
	18-20	1.5	1.6				1.6						817
	21-23	.9	1.7				1.7				.1	.1	762
TOTALS		1.0	2.8				2.8	1.3	.4		.0	1.7	6439

4638

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

73, 73-81
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.8	3.3				3.3						665
	03-05	.9	4.7				4.7	.3				.3	704
	06-08	.3	3.7				3.7	1.5	1.6			3.1	881
	09-11	.3	5.2				5.2	1.2	.4			1.6	916
	12-14	1.3	4.7				4.7	.6			.1	.8	924
	15-17	1.8	4.5				4.5	.4				.4	912
	18-20	2.6	4.8				4.8	.2				.2	859
	21-23	1.0	2.9				2.9	.1			.1	.2	805
TOTALS		1.1	4.2				4.2	.5	.3		.0	.8	6666

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73-81
 YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.6	1.8				1.8		.3			.3	669
	03-05	.1	2.0				2.0		.4			.4	704
	06-08	.7	3.5				3.5	1.1	2.3			3.3	887
	09-11	.1	2.7				2.7	.1	1.8			1.9	924
	12-14	.8	1.3				1.3		.8			.8	930
	15-17	1.3	2.1				2.1		.3			.3	917
	18-20	.5	1.7				1.7		.2			.2	859
	21-23	1.4	1.6				1.6						795
TOTALS		.7	2.1				2.1	.2	.8			.9	6685

04E29

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

72215
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.6	2.0				2.0	.9				.9	547
	03-05	.3	4.1				4.1	2.2	.5			2.7	641
	06-08		5.1				5.1	6.6	3.1			9.6	847
	09-11	.1	4.4				4.4	4.5	1.5			6.0	884
	12-14	.2	3.9				3.9	2.1	.8			2.9	894
	15-17	1.3	5.2				5.2	2.5	1.1			3.4	879
	18-20	1.3	3.1				3.1	1.1	.4			1.3	815
	21-23	.5	2.9				2.9	.5				.5	752
TOTALS		.7	3.8				3.8	2.6	.9			3.4	6259

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

722415
 STATION

LAUGHLIN AFB TX
 STATION NAME

69-70,73-80
 YEARS

OCT
 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	1.0	4.0				4.0	2.1			1.0	3.1	577
	03-05	1.1	4.8				4.8	4.7			.2	4.8	660
	06-08	.6	8.0				8.0	14.4	1.1			15.0	872
	09-11	.3	6.5				6.5	6.5	1.7		.1	7.8	909
	12-14	.5	4.0				4.0	2.5	.1		.4	3.1	918
	15-17	1.2	4.7				4.7	1.5	.1		.3	2.0	909
	18-20	.4	3.9				3.9	1.2			.5	1.7	845
	21-23	.4	4.3				4.3	.6			.5	1.1	783
TOTALS		.7	5.0				5.0	4.2	.4		.4	4.8	6473

USAFETAC FORM 207-64 0-10-5 (OL 4), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
 4640

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

WEATHER CONDITIONS

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

69-70,73-80
 YEARS

NOV
 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 PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.8	6.2				6.2	5.7			.3	6.0	601
	03-05	.9	9.2				9.2	10.4			.5	10.9	576
	06-08	.5	11.5				11.5	21.3	.6		.1	21.8	840
	09-11	.2	9.2				9.2	15.5	1.2			16.5	867
	12-14	.2	5.8				5.8	4.8	1.0			5.8	891
	15-17	.1	4.2				4.2	2.7	.1			2.7	891
	18-20	.1	4.0				4.0	3.3	.1		.1	3.5	820
	21-23	.3	4.4				4.4	3.4			.1	3.5	743
TOTALS		.4	6.8				6.8	8.4	.4		.1	8.8	6229

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW LEATHER SERVICE/MAC

WEATHER CONDITIONS

722615 LAUGHLIN AFB TX 69-70,73-80 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 PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.2	7.4		.2		7.4	7.4				7.4	620
	03-05	.2	6.4				6.4	12.3				12.3	593
	06-08		10.1				10.1	20.6	.1		.2	20.9	832
	09-11	.1	9.1				9.1	18.8	.3		.5	19.5	880
	12-14		4.0		.1		4.1	7.0	.6		.1	7.4	903
	15-17		2.5				2.5	3.8	.4			3.8	894
	18-20		4.2				4.2	4.6	.6		.1	5.1	809
	21-23		6.0				6.0	7.2	.3			7.5	747
TOTALS		.1	6.2		.0		6.2	10.2	.3		.1	10.5	6278

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

69-70,73-81
 YEARS

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAB	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	9.4	.1	.4	.0	9.7	12.9	.5		.3	13.6	6433
FEB		.0	8.6		.3		8.8	10.6	.1	.0	.3	11.0	6023
MAR		.3	5.6				5.6	6.4	.4		1.1	7.8	6798
APR		1.3	5.9				5.9	5.9	1.1		.1	7.0	6547
MAY		2.0	5.6			.0	5.6	6.5	1.8		.1	8.0	6569
JUN		1.0	2.8				2.8	1.3	.4		.0	1.7	6434
JUL		1.1	4.2				4.2	.5	.3		.0	.8	6666
AUG		.7	2.1				2.1	.2	.8			.9	6685
SEP		.7	3.8				3.8	2.6	.9			3.4	6259
OCT		.7	5.0				5.0	4.2	.4		.4	4.8	6473
NOV		.4	6.8				6.8	8.4	.4		.1	8.8	6229
DEC		.1	6.2		.0		6.2	10.2	.3		.1	10.5	6278
TOTALS		.7	5.5	.0	.1	.0	5.5	5.8	.6	.0	.2	6.5	77394

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.

REGIONAL CLIMATOLOGY BRANCH
 WLTAC
 AIR WEATHER SERVICE/HAD

XX **WEATHER CONDITIONS**
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

702115 LAUGHLIN AFB TX 53-51 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.6	33.2	1.2	1.6	.1	33.5	34.6	2.9			34.7	855
FEB		1.3	29.3	.1	1.7		30.0	28.3	2.7	.1	.4	29.5	784
MAR		3.7	26.7		.5	.7	27.1	23.4	4.5		.6	26.3	864
APR		12.1	34.6			1.0	34.6	24.3	7.3		.6	26.3	836
MAY		18.4	40.0			1.7	40.0	20.6	6.5			24.2	853
JUN		11.3	28.4			.4	28.4	8.0	2.9		.4	9.6	842
JUL		9.5	19.5			.2	19.5	3.0	1.1		.4	4.4	691
AUG		9.6	21.6			.1	21.6	3.6	2.2		.6	5.3	699
SEP		6.6	28.7			.1	28.7	10.2	5.2			13.2	834
OCT		6.5	28.2			.1	28.2	20.6	2.9			21.5	666
NOV		1.3	25.0		.5		28.1	27.3	2.7			27.6	830
DEC		.9	30.6	.4	.5		30.6	29.0	2.8		.1	29.4	846
TOTALS		7.0	29.1	.1	.4	.4	29.2	19.4	3.6	.0	.3	21.1	12205

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

C PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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."

C Continued on Reverse Side

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

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

Air Force Stations:

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

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

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

722615
STATION

LAUGHLIN AFB TX
STATION NAME

43-45, 53-63, 68-81
YEARS

PRECIP.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.03	.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 DEPN	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	63.5	17.7	3.5	8.6	2.5	2.3	1.0	.6	.3					18.8	775	.66	4.25	TRACE	
FEB	66.6	18.5	2.3	4.2	2.3	2.4	1.7	1.3	.8					15.0	709	.92	2.23	TRACE	
MAR	71.0	16.5	2.6	3.3	1.8	2.8	1.0	.6	.4					12.5	794	.66	2.63	TRACE	
APR	63.2	20.5	2.2	3.8	1.8	1.7	2.2	2.4	1.8	.4				16.3	780	2.03	7.89	TRACE	
MAY	56.7	21.2	2.4	6.0	2.5	3.4	3.2	2.2	2.2	.1	.1			22.2	803	2.58	8.62	.02	
JUN	67.7	16.7	1.4	3.1	1.4	2.0	2.2	2.3	2.9	.4				15.6	786	2.69	8.54	.03	
JUL	78.7	9.4	1.3	1.9	.8	3.1	.7	1.9	1.1	.7	.2			11.8	837	2.34	15.17	TRACE	
AUG	69.2	14.6	2.2	4.7	2.5	2.5	1.1	1.5	1.4	.2				16.1	806	1.58	7.49	.01	
SEP	69.4	13.4	1.1	3.7	2.1	3.6	2.9	2.2	1.2	.2				17.2	803	1.88	7.61	.02	
OCT	68.0	16.0	1.2	3.2	1.7	2.1	2.2	3.0	1.6	.7	.1			16.0	806	2.74	8.37	TRACE	
NOV	68.7	17.2	2.1	3.7	1.7	3.1	1.3	1.5	.6	.1				14.1	780	1.03	5.90	TRACE	
DEC	67.5	17.3	3.8	5.5	1.2	2.6	1.3	.6	.3					15.2	782	.56	1.91	TRACE	
ANNUAL	67.5	16.6	2.2	4.3	1.9	2.6	1.7	1.7	1.2	.2	.0			15.9	9461	19.67			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX
STATION STATION NAME

43-45, 53-63, 68-81
YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		*.41*	.78	2.04	1.74	2.92	1.66	TRACE	1.01	.93	1.17	.65	
44	1.28	1.95	.21	1.36	.56	1.48	.21	1.60	1.14	4.24	1.35	.99	4.24
45	.71	.46	1.04	.48	.55	.89	.18	.56*	.30				
53						*.25	.15	.46	3.70	.78	TRACE	.30	
54	.08	TRACE	TRACE	1.24	1.77	1.51	.23	.64	1.15	1.55	.01	.01	1.77
55	.13	.28	.87	TRACE	.45	1.28	.67	.43	.71	.30	.66	.20	1.28
56	.07	.65	.01	.05	.02	.03	.01	.12	.35	2.79	.01	.05	2.79
57	.07	.38	1.50	2.62	2.22	.47	TRACE	TRACE	1.91	2.91	.14	.32	2.91
58	2.07	.69	.37	.21	5.72	2.31	2.60	1.00	2.07	1.18	.12	.03	5.72
59	.02	.32	TRACE	1.43	3.03	2.12	.87	.05	1.28	2.77	.27	.51	3.03
60	.15	1.04	.38	.21	.45	.06	.69	1.34	1.76	1.52	.22	1.05	1.76
61	.63	.62	.07	.73	.11	4.67	2.48	3.74	.34	1.51	.31	.11	4.67
62	.13	.09	.24	1.35	.57	1.02	.72	.07	.53	1.34	.43	.14	1.35
63	.01	1.41	.01	1.38	1.74	.58	.35	TRACE	.60	.42	.25*	TRACE	1.74
68								.61*	.66	.92	.69	.04	
69	.35	1.53	.54	3.37*	1.38	.28	3.23	2.77	.62	3.60	1.18	.31	3.60
70	.37	.94	.15	.03	1.58	.64	.01	1.39	4.61	.06	TRACE	.04	4.61
71	TRACE	.20	TRACE	.73	.57	1.83	.23	2.75	.21	1.04	.03	.13	2.75
72	.18	.03	.17	.53	.94	.64	1.69	1.75	.40	.18	.52	.03	1.75
73	.34	.52	.33	.32	.05	1.98	3.22	.25	.57	2.67	.01	TRACE	3.22
74	.02	TRACE	.50	1.02	1.02	.07	.11	1.60	.34	1.15	.45*	1.20	1.60
75	.22	1.17	.04	1.15	1.25	1.16	6.46	.64	.43	.68	.02	.28	6.46
76	.12	.01	.08	1.46	1.69	1.04	3.12	.08	1.21	.97	.51	.91	3.12
77	.37	1.02	.25	1.14	1.12	1.67	1.04	.11	.11	5.80	1.15	.03	5.80
78	.02	.25	.26	.46	2.04	1.89	1.98	2.36	.85	.36	2.84	.41	2.84
79	.08	.45	1.61	1.00	.39	3.00	.07	.20	.02	TRACE	.33	.23	3.00
80	.06	.15	.04	.31	1.60	.11	.18	.77	.24	.08	.99	.24	1.60
81	.36	.10	.43	.95	.62	2.00	.15	1.40					
MEAN	.314	.570	.364	.983	1.272	1.371	1.197	.953	1.046	1.529	.525	.292	3.234
S.D.	.465	.533	.446	.804	1.201	1.091	1.516	.997	1.094	1.437	.633	.315	1.547
TOTAL OBS	775	709	794	780	803	786	837	868	803	806	780	782	9523

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX
 STATION STATION NAME

43-45, 53-63, 68-81
 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		*.65*	.78	2.04	2.57	3.25	2.47	TRACE	2.62	1.14	2.58	1.34	
44	1.98	2.18	.59	1.36	2.40	1.84	.21	5.87	2.43	4.77	1.73	1.91	27.27
45	.88	1.10	1.99	.53	.56	1.22	.42	.74*	.30				
53						*.25	.15	1.42	5.42	1.56	TRACE	.33	
54	.33	TRACE	TRACE	3.70	2.98	3.98	.44	.66	1.37	1.83	.02	.01	15.32
55	.44	.38	.89	TRACE	1.57	1.76	2.11	1.46	.91	.30	1.28	.20	11.30
56	.15	.88	.01	.07	.02	.03	.01	.12	.47	2.80	.01	.09	4.64
57	.27	.89	2.63	7.32	6.63	1.03	TRACE	TRACE	3.40	4.68	.84	.77	28.46
58	4.25	1.74	1.07	.44	8.62	5.38	3.54	1.34	4.41	3.82	.31	.09	35.01
59	.03	.44	TRACE	2.86	5.08	6.35	1.63	.12	1.57	6.11	.54	.82	25.55
60	.50	2.18	.66	.45	.57	.13	2.37	2.16	2.47	4.14	.36	1.88	17.87
61	1.80	.65	.11	.78	.30	8.54	5.21	3.82	.56	3.09	.67	.32	25.85
62	.35	.29	.32	3.08	.58	2.27	.72	.12	.92	2.08	.68	.48	11.89
63	.01	2.23	.01	1.61	4.43	1.30	.35	TRACE	1.16	.75	.65*	TRACE	*12.50
68								1.25*	1.51	1.23	1.88	.07	
69	.53	1.74	.72	7.89*	2.64	.33	3.23	4.04	1.49	8.37	3.34	1.03	*35.35
70	.55	1.80	.62	.03	2.63	1.62	.01	1.91	7.61	.08	TRACE	.08	16.94
71	TRACE	.21	TRACE	.84	1.14	5.96	.25	7.49	.81	2.54	.06	.26	19.56
72	.50	.03	.20	1.09	1.63	1.39	2.08	6.17	.80	.42	.95	.08	15.34
73	.72	1.52	.77	.52	.08	3.98	4.43	.33	1.74	6.13	.01	TRACE	20.23
74	.12	TRACE	.74	1.18	2.05	.07	.14	2.50	1.09	2.45	.72*	1.28	*12.34
75	.54	1.65	.04	1.96	3.96	2.06	12.68	.97	1.49	1.15	.02	.67	27.19
76	.12	.01	.15	4.67	3.45	1.88	15.17	.08	1.93	3.26	.74	1.39	32.85
77	1.17	1.04	.52	3.53	3.22	1.92	1.04	.15	.15	7.89	1.29	.05	21.97
78	.09	.41	.29	.66	4.61	2.73	3.98	2.46	1.83	.52	5.90	.85	24.33
79	.28	1.04	2.59	1.33	.93	5.11	.07	.33	.02	TRACE	.50	.36	12.56
80	.17	.20	.10	.35	3.21	.11	.18	1.01	.39	.08	1.81	.44	8.05
81	.66	.30	1.38	4.43	1.32	5.80	.28	1.40					
MEAN	.658	.916	.656	2.028	2.582	2.694	2.340	1.711	1.882	2.738	1.034	.563	20.110
S.D.	.902	.762	.765	2.134	2.132	2.285	3.691	2.026	1.752	2.404	1.307	.579	8.229
TOTAL OBS	775	709	794	780	803	786	837	868	803	806	780	782	9523

NOTE * (BASED ON LESS THAN FULL MONTHS)

2 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

53-63, 68-81
 YEARS

PRECIP.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	98.2	1.6													713	TRACE	TRACE	.0	
FEB	98.3	1.4	.2					.2							.3	649	.3	5.5	.0
MAR	99.9	.1														713	TRACE	TRACE	.0
APR	100.0															690	.0	.0	.0
MAY	100.0															713	.0	.0	.0
JUN	100.0															696	.0	.0	.0
JUL	100.0															744	.0	.0	.0
AUG	100.0															744	.0	.0	.0
SEP	100.0															719	.0	.0	.0
OCT	100.0															743	.0	.0	.0
NOV	99.4	.6														720	TRACE	TRACE	.0
DEC	99.7	.3														720	TRACE	TRACE	.0
ANNUAL	99.5	.4	.0					.0							.0	8564	.3	×	×

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX
STATION STATION NAME

53-63, 68-81
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53						*	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
58	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
61	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68								*	.0	.0	.0	.0	
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	.0	.0	.0
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	TRACE	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
81	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	TRACE	.25	TRACE	.00	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.31
S.D.	.000	1.146	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.260
TOTAL OBS	713	669	713	690	713	696	744	775	719	743	720	720	6595

NOTE * (BASED ON LESS THAN FULL MONTHS)

C
2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX 53-63, 68-01
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
53						.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
58	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
61	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	*TRACE
68													
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	*.0
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	TRACE	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	*.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
81	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN	TRACE	.25	TRACE	.00	.00	.00	.00	.00	.00	.00	TRACE	TRACE	.3
S.D.	.000	1.146	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.260
TOTAL OBS	713	649	713	690	713	690	740	775	719	743	720	720	6599

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 32-64 0-83-3 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

43-45, 53-81
 YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-30	31-50	51-75	76-100	101-150	151-200	201-300	OVER 300			MEAN	GREATEST	LEAST
MONTHLY	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4	OVER 120					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	99.7	.5	.1	.1										.2	918				
FEB	99.5	.2			.1	.1								.2	845				
MAR	100.0														940				
APR	100.0														922				
MAY	100.0														953				
JUN	100.0														928				
JUL	100.0														980				
AUG	100.0														981				
SEP	100.0														918				
OCT	100.0														920				
NOV	100.0														887				
DEC	100.0														901				
ANNUAL	99.9	.2	.0	.0	.0	.0								.0	11093				

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

43-45, 53-81
 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		*	0*	0	0	0	0	0	0	0	0	0	0
44	2	0	0	0	0	0	0	0	0	0	0	0	2
45	0	0	0	0	0	0	0	0	0*	0	0	0	0
53					*	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
61	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
65	*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
66	*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
67	*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
68	*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

722615 STATION LAUGHLIN AFB TX STATION NAME

43-45, 53-81 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	TRACE	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
S. D.	.800	.962	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.162
TOTAL OBS	918	848	940	922	953	928	980	981	918	920	887	901	11093

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 48-5 (OLA)

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
USAF ETAC
AIF WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX
STATION STATION NAME

57-63, 65-81
YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57										Nw *22Nw	35SE	32	
58	Nw 40W	50NW	30NW	40NE	40NE	36S	40SE	32E	32Nw	18N	30SE	*12	W 50
59				NNW*36NE	44SE	21Nw	32ENE	35SE	30WSW	42S	34NW	36	
60	Nw 29Nw	44NNW	31SE	33NNW	36SE	38NNW	40SE	29N	51SSW	35N	28NNW	31	N 51
61	N 35Nw	37N	41N	39NE	33NW	36WSW	31NE	32WNW	31N	*30Nw	*43Nw	*25	Nw *43
62	NNW*35WNW	30NW	44N	52ESE	47NNE	39SSW	35SE	36S	*37E	*32NNW*31N	*29		N 52
63	NNW*35NW	*37NNE*35SE	*28NNW*51ESE*34SE	*37SE	*37E	*31SSE*28NNE*38N	*23						NNW*51
65								ESE 34S	34NW	31N	23ESE*27		
66	SSE 32WNW	39N	36W	55WNW	44N	31E	26NNE	34N	39NNE	31NNE	35NW	36	W 55
67	Nw 33WNW	42N	44WSW	37N	31SSW	45E	62NNE	41NNE	34NW	54NW	40NNW	36	E 62
68	Nw 34N	44NNW	44N	*53N	33ENE	7111/	3621/	4730/	3411/	2935/	3528/	48	ENE 71
69	33/ 3135/	3227/	4331/	5833/	4313/	3312/	3310/	46 2/	3427*	3734*	3931/	49	31/ 58
70	34/ 3331/	3436/	3835/	3731/	72 4/	6413/	2913/	7333/	4834/	4034/	4634/	31	13/ 73
71	33/ 3532/	4634/	4711/	4833/	4313/	4017/	2510/	3612/	37 5/	3334/	3232/	44	11/ 48
72	36/ 3636/	3736/	3729/	4033/	46 3/	3417/	3816/	3136/	5133/	3531/	3932/	32	36/ 51
73	29/ 4733/	2934/	4233/	3635/	4014*	5025/	5114/	3836/	3433/	37 1/	3630/	53	30/ 53
74	32/ 3130/	5030/	4332/	4328/	46 7/	3012/	42 1/	3333/	4830/	3834/	3231/	31	30/ 50
75	33/ 4132/	4033/	3836/	3422/	4012/	3912/	31 4/	2710/	3514/	2534/	3234/	30	33/ 41
76	35/ 3736/	3032/	2834/	5030/	3721/	4218/	3811/	3011/	27 1/	2936/	2516/	28	34/ 50
77	35/ 3333/	4231/	34 4/	3316/	3411/	33 2/	40 6/	2936/	31 3/	3234/	3236/	25	33/ 42
78	33/ 4130/	3631/	39 8/	3430/	6634*	30 4/	48 1/	34 6/	2815/	22 9/	3034/	27	30/ 66
79	31/ 4633/	3535/	3236/	3413/	25 2/	2911/	2130/	4510/	3031/	3731/	29 1/	33	31/ 46
80	34/ 2734/	3132/	4235/	3612/	57 9/	2512/	3013/	33 7/	3632/	2630/	2933/	27	12/ 57
81	34/ 2235/	3228/	3433/	3811/	3215/	3615/	2513/	22					
MEAN	34.9	38.0	38.4	40.9	42.3	38.0	35.9	36.2	36.2	33.0	32.7	34.9	52.2
S.D.	6.190	6.577	5.451	7.859	11.346	11.940	9.655	10.230	7.438	8.175	5.363	8.207	8.830
TOTAL OBS	627	581	638	639	669	634	671	707	640	668	653	633	7760

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-5 (OLA) (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

FEDERAL BUREAU OF SURVEILLANCE
 NATIONAL CLIMATOLOGY BRANCH
 METEOROLOGICAL SERVICE CENTER
 WASHINGTON, D. C.

SURFACE WINDS

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

STATION LA. GHLIA AFB TX STATION NAME LA. GHLIA AFB TX YEARS 70, 73, 75-81 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-2400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.2	3.2	2.1	1.4	.5							11.4	6.4
NNE	2.5	4.2	.6									7.7	4.0
NE	1.9	1.8	.3									4.0	3.7
ENE	1.3	.6	.2									2.1	3.4
E	3.2	6.3	1.3									10.9	4.4
ESE	2.4	6.4	4.8	1.4								16.1	6.3
SE	1.6	4.2	4.5	1.0								11.3	6.3
SSE	.6	.8	1.0									2.4	5.7
S	.5	.3										1.1	2.3
SSW	.6	.3										1.0	3.0
SW	.2											.2	3.0
WSW	.2	.3		.2								.6	6.0
W	.3	.3			.2							.6	6.8
WNW	.6	1.6	.5									2.7	5.1
NW	.2	2.1	1.1	.3								3.7	6.6
NNW	1.4	1.0	1.4	2.1	.5							6.4	6.9
VARBL													
CALM												17.7	
	23.5	33.4	17.8	6.4	1.1							100.7	4.7

TOTAL NUMBER OF OBSERVATIONS 22

3429

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 722615 LAUGHLIN AFB TX STATION NAME 70,73,76-81 YEARS MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.5	4.0	2.3	2.1								14.8	5.6
NNE	4.5	3.2	.2	.2								8.1	3.5
NE	1.2	.8	.5	.3								3.4	4.9
ENE	1.8	1.6	.2									3.5	3.6
E	2.7	4.8	1.0									6.5	4.5
ESE	1.5	6.9	6.3	.5								15.2	6.5
SE	1.9	4.0	3.2	1.0								10.2	6.1
SSE	.5	1.7	.8	.2								2.4	6.4
S	1.1											1.1	1.7
SSW	.2			.2								.3	7.5
SW	.5	.3										.8	2.8
WSW	.2											.2	1.0
W	.5	.5	.2									1.1	4.1
WNW	1.3	2.4	.6	.2								4.5	4.9
NW	1.9	1.8	1.6	.8	.2							6.3	6.3
NNW	1.9	.6	1.3	1.9								5.8	7.6
VARIABLE													
CALM												13.9	
	20.7	31.9	18.1	7.3	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 620

U.S. AIR FORCE
 AFETAC
 AIR WEATHER SERVICE/MAAC

SURFACE WINDS

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

STATION 06015 LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEAR 70-73-81 MONTH JAN
 CLASS ALL WEATHER HOUR (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	4.0	1.3	1.6								10.7	5.4
NNE	2.3	1.3	.2	.6								4.9	4.6
NE	3.0	1.6	.1									4.7	3.2
ENE	1.6	1.3	.1									3.2	3.3
E	2.3	5.9	1.7	.1								10.0	4.8
ESE	2.8	4.7	4.0	.9								12.4	5.9
SE	1.1	3.9	3.3	1.1								9.5	6.7
SSE	.7	.8	.5									1.9	4.6
S	.5	.1										.6	2.6
SSW	.2	.1										.3	2.7
SW													
WSW	.1	.1										.2	2.5
W	.6	.9		.1								1.6	4.4
WNW	1.7	3.0	1.6	1.1	.2							7.6	6.8
NW	2.6	3.8	2.5	.8	.3							10.0	6.1
NNW	1.5	1.7	3.0	1.9	.1	.1						8.3	6.3
VARBL													
CALM												14.0	
	25.1	33.6	18.2	8.3	.7	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 878

3420

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	1.7	1.5	.7	.4						7.2	9.7
NNE	.7	.6	1.0	.2								2.4	6.2
NE	1.7	.4	.2	.1								1.3	4.3
ENE	.0	1.3	.4									2.3	5.1
E	1.3	2.3	1.8	.3								5.7	5.9
ESE	1.9	4.7	6.4	1.7								14.7	7.0
SE	1.4	4.6	6.8	1.8								14.7	7.3
SSE	1.2	2.1	2.4	1.0								6.7	6.7
S	.2	.7	.4									1.3	5.4
SSW		.3										.3	4.7
SW	.1	.2										.3	3.3
WSW	.3											.3	2.3
W	1.4	.7	.3	.1	.1							2.6	4.8
WNW	1.9	1.3	1.7	.1	.6	.1						5.6	7.1
NW	1.2	1.9	3.3	1.3	.3	.2	.1					8.9	8.4
NNW	1.3	1.9	2.9	3.3	1.3	.7						11.4	10.9
VARBL													
CALM												13.7	
	16.3	24.7	29.3	11.5	3.0	1.4	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

907

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

122815 LAUGHLIN AFB TX 70.73-81 JAN
STATION STATION NAME YEARS MONTHS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	2.1	2.2	.6	.4						7.9	10.1
NNE	.1	.4		.1								.6	5.3
NE	.3	.3										.6	3.7
ENE	.4	.6	.6									1.7	5.4
E	1.4	.8	.4	.6								3.2	5.6
ESE	1.0	3.1	3.6	1.3								9.0	7.3
SE	1.2	4.0	7.5	4.0	.1							16.8	8.3
SSE	1.5	4.4	5.4	2.8	.1							14.3	7.8
S	1.1	1.6	1.1									3.8	5.2
SSW	.4	.2	.1									.8	4.0
SW	.3	.1										.4	2.5
WSW	.6	.5										1.2	3.4
W	1.5	.8	.2			.1						2.6	4.4
WNW	1.1	2.1	1.0	.6	.3	.6						5.7	9.0
NW	1.3	1.6	2.4	3.7	.5	.2	.1					9.8	10.2
NNW	1.1	1.8	2.7	4.1	1.3	1.0	.3					12.3	12.0
VARBL													
CALM												9.1	
	14.4	24.1	27.1	19.5	3.0	2.4	.4					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 924

3401

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	2.5	2.8	1.2	.2						9.4	10.3
NNE	.3	.7	.7	.2								1.8	7.1
NE	.5	.2	.1	.1								1.0	4.6
ENE	.3	.5										.9	3.9
E	1.6	2.6	1.3	.1								5.6	5.1
ESE	.9	2.3	4.1	1.7								8.9	8.0
SE	1.2	4.5	8.0	3.0								16.7	7.9
SSE	2.0	3.9	5.8	4.0	.3							16.0	8.1
S	2.2	1.7	.9	.3								5.1	4.9
SSW	.3	.5										.9	3.9
SW	.3	.3	.1									.8	4.1
WSW	.4	.2										.7	3.2
W	1.1	.7	.3	.1								2.2	4.6
WNW	.7	1.0	.5	.8	.2	.3		.1				3.6	10.1
NW	.3	2.2	2.6	1.0	.9	.4						8.3	10.3
NNW	.8	1.2	2.7	4.0	2.0	.2						10.9	12.0
VARBL													
CALM												7.4	
	14.0	24.0	29.6	19.1	4.6	1.2		.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

78815 LAUGHLIN AFB TX 70.73-81 JAY
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOW (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.6	2.0	2.7	.4							9.7	8.2
NNE	1.1	1.2	.9	.6								3.8	5.9
NE	.4	1.2	.4	.1								2.1	5.5
ENE	.2	.4	.1									.7	4.3
E	2.6	4.1	1.2	.2								8.2	4.6
ESE	3.0	7.1	4.3	1.2								15.6	5.9
SE	2.6	6.9	4.3	1.5								15.4	6.1
SSE	2.1	3.6	1.1	.6								7.4	5.5
S	2.5	1.5										4.0	3.0
SSW	1.4	.7										2.1	3.0
SW	.4	.1	.1									.6	3.2
WSW	.4	.9										1.2	3.8
W	.6	1.5	.2	.1								2.5	4.8
WNW	1.2	2.1	.5	.2	.1	.1						4.3	5.8
NW	.6	2.1	.9	.6	.2							4.5	7.1
NNW	.9	1.5	2.0	2.7	.6			.1				7.8	10.3
VARBL													
CALM												10.0	
	20.9	38.5	18.1	10.8	1.4	.1		.1				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
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	2.5	2.8	.7	.4	.1						8.9	7.0
NNE	3.1	3.8	.9	.1								8.0	4.4
NE	1.2	1.7	1.1									4.0	5.1
ENE	1.6	1.1	.1									2.8	3.3
E	3.2	4.8	.8	.3								9.0	4.4
ESE	3.7	8.1	4.4	1.9								18.0	5.9
SE	1.9	5.8	3.2	1.3	.4							12.6	6.6
SSE	1.3	2.3	1.5									5.0	5.2
S	1.2	.3										1.5	2.7
SSW	.5	.8										1.3	3.7
SW	.1											.1	1.0
WSW	.1	.3										.4	4.0
W	.1	1.1	.1									1.3	4.4
WNW	.7	1.2	1.1		.3							3.2	6.6
NW	1.1	1.9	.7		.1							3.7	5.2
NNW	1.9	1.1	2.0	1.7	.7	.1						7.4	8.9
VARBL													
CALM												12.7	
	24.0	36.6	18.6	6.0	1.9	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 754

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 STATION LAUGHLIN AFB TX 70.73-81 YEARS JA
STATION NAME YEARS MONTHS
ALL WEATHER ALL
CLASS MOON (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	2.4	2.7	2.1	1.9	.5	.2						9.7	7.7
NNE	1.7	1.8	.6	.3								4.3	4.7
NE	1.2	1.0	.3	.1								2.6	4.3
ENE	.9	.9	.2									2.1	4.0
E	2.2	3.8	1.2	.2								7.4	4.8
ESE	2.2	5.2	4.7	1.4								13.4	6.5
SE	1.6	4.7	5.3	1.9	.1							13.6	7.1
SSE	1.3	2.5	2.5	1.2	.1							7.5	7.0
S	1.2	.8	.3	.0								2.4	4.1
SSW	.5	.4	.0	.0								.9	3.6
SW	.2	.1	.0									.4	3.2
WSW	.3	.3		.0								.6	3.6
W	.8	.8	.2	.1	.0	.0						1.9	4.6
WNW	1.2	1.8	1.0	.4	.2	.2		.0				4.8	7.2
NW	1.2	2.2	2.0	1.3	.4	.1	.0					7.2	6.1
NNW	1.3	1.4	2.3	2.8	.9	.3	.0	.0				9.1	10.4
VARBL													
CALM												12.0	
	20.3	30.4	22.7	11.7	2.1	.8	.1	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 6433

3473

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.6	2.0	.3	.7							8.2	6.5
NNE	3.5	3.0	.8	.7	.2							8.1	4.9
NE	2.0	1.2	.3									3.5	3.6
ENE	1.8	.8										2.6	2.9
E	3.3	5.3	1.3	.3								10.2	4.6
ESE	4.0	7.9	6.6	2.0								20.4	6.3
SE	3.6	5.1	6.4	1.8	.2							17.1	6.4
SSE	.7	1.6	.7	.2								3.1	5.3
S	.8	1.2	.2									2.1	4.2
SSW	.3	.2										.5	3.0
SW													
WSW	.2											.2	2.0
W	.8	.5	.2									1.5	3.8
WNW		1.5	.2	.2		.3						2.1	8.7
NW	.2	1.5	1.3	.3	.2							3.5	7.2
NNW	.5	1.3	1.3	1.2	.2	.3						4.8	9.5
VARBL													
CALM												12.0	
	24.2	33.6	21.3	6.9	1.3	.7						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

607

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 70, 73, 75-81 FEET 3300-0500
STATION NAME YEARS FEET
 CLASS ALL WEATHER HOURS (L.S.T.)
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	48-53	≥54	%	MEAN WIND SPEED
N	1.8	3.3	1.1	1.1	.5							7.9	6.9
NNE	3.3	3.0	.8	.5								7.6	4.4
NE	1.3	1.6	.3									3.3	3.9
NNE	1.6	2.3										3.9	3.7
E	3.7	6.1	3.3	.5								12.8	5.4
ESE	7.3	7.4	5.7	.8								17.2	5.9
SE	1.1	6.4	5.9	1.6								15.1	7.7
SSE	.2	.7	.2	.2								1.1	6.1
S	.3	.2										.5	3.3
SSW	.3	.2										.5	2.3
SW	.5											.5	2.7
WSW	.3											.3	1.5
W	.2	.5										.7	5.0
WNW	.5	1.1	.8	.3								2.8	6.4
NW	1.0	3.6	.8	.7	.2	.2						6.4	6.8
NNW	1.0	2.0	2.1	1.8		.2						7.1	8.3
VARB													
CALM												12.3	
	19.7	58.3	21.2	7.6	.7	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 609

3474

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: LAUGHLIN AFB TX STATION NAME: LAUGHLIN AFB TX YEARS: 70, 73-81 MONTH: FEB
 CLASS: ALL WEATHER NUMBER (L.S.T.): 0600-0800
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.7	1.7	1.7	.1							9.4	6.7
NNE	3.3	.7	.4	.4								4.8	3.8
NE	.9	.7										1.6	3.7
ENE	1.7	1.6	.2									3.6	3.9
E	4.7	8.6	2.1	.6								16.0	4.8
ESE	2.3	5.3	5.7	.6								14.0	6.3
SE	.7	5.2	4.8	.6								11.4	6.8
SSE	.5	.4	.6	.2								1.7	6.3
S	.6	.1										.7	2.3
SSW	.1	.1										.2	4.0
SW	.2											.2	2.5
WSW	.4	.1										.5	2.3
W	.6	.4	.1									1.1	3.4
WNW	1.5	1.9	.5	.4	.1	.2	.1					4.7	7.0
NW	1.5	3.7	1.1	.6	.1							6.3	5.9
NNW	2.0	1.2	2.2	1.6	.4							7.4	7.4
VARBL													
CALM												17.3	
	24.0	31.4	19.5	6.8	.7	.2	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 810

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

SURFACE WINDS

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

STATION 226515 LAUGHLIN AFB TX STATION NAME 72.73-81 YEAR FEB
 MONTH 0900-1100
 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.1	1.8	2.3	.6							6.5	10.2
NNE	.5	.2	.5	.4								1.6	7.5
NE	.4	.8	.4	.1								1.7	5.4
ENE	.2	.2										.5	3.5
E	1.0	2.3	1.2									4.4	5.3
ESE	2.5	5.1	6.3	2.2								16.2	6.9
SE	1.4	6.2	8.7	3.4								19.8	7.5
SSE	1.1	3.8	4.3	1.0								10.2	6.9
S	.6	.6	.7									1.9	5.1
SSW	.2		.2									.5	4.8
SW	.1											.1	2.0
WSW	.6	.1										.7	2.2
W	1.0	1.2	.2									2.4	4.3
WNW	.8	1.9	1.0	.2	.2	.1						4.3	6.7
NW	.8	1.2	1.6	2.6	.8	.2	.4					7.7	11.6
NNW	.4	1.2	2.6	3.6	.8	.4						9.0	11.5
VARBL													
CALM												12.7	
	12.3	26.1	29.6	15.7	2.5	.7	.4					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 835

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: LAUGHLIN AFB TX STATION NAME: LAUGHLIN AFB TX YEARS: 77, 73-81 FEE: 1258-1400
STATION SOUTH HOUSE (L.S.T.)

CLASS: ALL WEATHER

CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	.0	.6	1.9	1.4	.8	.4						5.7	10.7
NNE	.1	.4	.7	.1								1.3	7.8
NE		.1	.1	.2								.5	4.3
ENE	.2	.4										.6	4.0
E	.7	.7	.5									1.9	5.1
ESE	.9	3.1	2.7	1.9								6.7	7.4
SE	2.0	5.0	8.9	3.7								19.6	7.9
SSE	1.4	3.0	7.0	4.3	.1							15.8	6.6
S	1.1	3.3	2.1	.5								7.0	6.4
SSW	.6	.4										.9	3.4
SW	.4	.2										.6	3.0
WSW	.6	.4	.1									1.1	3.2
W	.3	.8	.6		.2	.1						2.6	6.8
WNW	.9	1.3	1.3	.4	.1	.6						4.6	9.1
NW	.8	1.8	1.9	3.1	.7	.7	.4					9.4	11.7
NNW	.7	1.3	2.8	3.8	2.3	.4						11.3	11.9
VARBL													
CALM												6.3	
	12.0	22.9	30.7	19.3	4.3	2.1	.4					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 343

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

702115 STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEARS FEB
ALL WEATHER NORTH 1500-1700
 CLASS MOVES (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	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	1.5	2.9	2.9	1.3	.2						9.9	12.3
NNE	.7	.4	.7	.4								2.1	6.5
NE	.4	.2	.4	.1								1.1	5.3
ENE	.8	.2	.1									1.2	3.2
E	.7	.8	.6	.4								2.7	6.4
ESE	1.0	2.3	4.3	2.7								10.3	6.3
SE	1.4	4.1	7.4	4.1	.2							17.2	6.3
SSE	2.0	2.3	8.8	5.6	.5							19.0	9.2
S	1.7	1.3	2.1	1.0								6.1	6.6
SSW	.8	.4										1.2	3.1
SW	.2	.1										.4	3.7
WSW	.2	.2										.5	3.3
W	.1	.7	.1	.1								1.1	6.0
WNW	.8	.8	.7	1.0	.6	.1						4.1	9.6
NW	.2	.7	2.0	1.9	1.2	.4						6.4	12.3
NNW	.5	1.2	2.4	3.2	1.5	.2						9.1	12.0
VARBL													
CALM												7.9	
	12.8	17.0	32.8	23.2	5.9	1.0						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 819

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

732715
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

FEB
MONTH

ALL WEATHER

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

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	2.9	2.1	.8							12.3	8.4
NNE	1.7	1.2	.4	.5								3.5	5.7
NE	.5	.4	.1									1.1	4.1
ENE	.3	.5										1.3	3.1
E	2.4	3.1	2.1	.3								7.8	5.2
ESE	1.9	4.1	4.1	1.6								11.7	6.7
SE	2.3	9.5	7.6	2.3								21.7	6.7
SSE	1.6	4.7	3.9	.9								11.0	6.6
S	2.9	1.6	.4									4.2	3.7
SSW	1.2	.3										1.5	2.7
SW	.4	.1										.5	2.5
WSW	.3	.4										.7	3.2
W	.4	.4	.3									1.1	4.5
WNW	.7	.8	.5	.4	.3							2.7	7.8
NW	1.2	1.1	.4	.3	.1		.1					3.2	6.5
NNW	.2	1.1	2.1	1.3	.3							5.6	8.8
VARBL													
CALM												12.8	
	12.8	31.5	24.9	9.7	1.5		.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 752

AL CLIMATOLOGY BRANCH
 STAD
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAUGHLIN AFB TX YEAR 70, 73, 75-81 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	2.2	1.0	.3							9.9	6.4
NNE	1.6	2.6	.4	.8	.1							5.6	3.5
NE	.8	2.1	.7									3.6	4.8
NNE	1.4	.5	.1									2.1	3.5
E	2.1	3.4	1.8	.1								7.4	5.2
ESE	3.8	8.4	4.0	.8								17.0	5.4
SE	3.8	8.8	5.2	1.9								19.8	6.0
SSE	1.6	3.6	1.5	.1								7.6	4.7
S	1.8	1.0	.1									2.9	3.4
SSW	.7		.1									.8	3.3
SW	.3											.3	2.5
WSW	.3											.3	2.5
W	.5	.1	.3									1.0	4.4
WNW	.7	1.0	.3									1.9	4.9
NW	.7	.4	.4	.7		.3						2.5	9.4
NNW	.4	.8	1.6	.4	.1	.3						3.7	9.1
VARBL													
CALM												14.3	
	23.8	35.2	19.8	5.9	.5	.5						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 728

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 722615 STATION NAME LAUGHLIN AFB TX YEARS 70, 73-81 MONTH FEB

CLASS ALL WEATHER MONTHS ALL

CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.9	2.2	1.7	.6	.1						8.3	6.3
NNE	1.7	1.3	.6	.4	.0							4.0	5.2
NE	.7	.8	.3	.1								1.9	4.5
ENE	1.0	.8	.1									1.9	3.5
E	2.1	3.6	1.6	.3								7.6	5.1
ESE	2.4	5.2	4.9	1.6								14.1	6.5
SE	2.0	6.2	7.0	2.5	.0							17.7	7.1
SSE	1.2	2.5	3.6	1.7	.1							9.1	7.6
S	1.1	1.2	.8	.2								3.3	5.3
SSW	.5	.2	.0									.8	3.2
SW	.3	.1										.3	2.8
WSW	.4	.2	.0									.5	2.7
W	.6	.6	.2	.0	.0	.0						1.5	5.0
WNW	.8	1.3	.7	.4	.2	.2	.0					3.5	7.7
NW	.8	1.6	1.2	1.4	.4	.2	.1					5.8	9.6
NNW	.8	1.2	2.2	2.2	.8	.2						7.4	10.3
VARBL													
CALM												12.1	
	18.1	28.9	25.4	12.4	2.2	.7	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 6023

ATLANTIC CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1025AE LAUGHLIN AFB TX STATION NAME 70,73,75-81 YEARS MAR
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	2.9	2.8	2.7	1.5	.1							10.0	6.6
NNE	2.7	3.5	.6	.7								7.4	4.9
NE	1.7	2.4	.3	.1								4.5	4.2
ENE	1.1	.7	.3	.1								2.2	4.4
E	1.2	4.1	1.5									7.4	4.8
ESE	2.1	7.0	8.6	3.8	.3							21.7	7.8
SE	1.7	4.6	7.9	4.3	.4							18.9	6.5
SSE	1.5	2.1	1.0	.1								4.8	4.8
S	1.0	.7	.3									2.0	4.2
SSW	.4	.3	.1	.1								1.0	5.4
SW	.4	.1										.6	3.0
WSW	.4	.1										.6	3.0
W	.4	.3	.1									.8	4.2
WNW	.3	.8	.1	.1								1.4	5.0
NW	.7	1.5	.4	.1		.1						2.9	5.7
NNW	.3	1.0	1.0	1.3								3.5	6.2
VARBL													
CALM												10.2	
	19.4	32.1	24.8	12.5	.8	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 713

3478

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 722613 STATION NAME: LAUGHLIN AFB TX YEAR: 70,73,75-81 MONTH: MAP

CLASS: ALL WEATHER MONTH (L.B.T.): 0300-0500

CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.0	2.8	1.7	1.7	.3	.4						9.8	6.9
NNE	2.5	2.5	.7									5.7	4.2
NE	1.2	1.1	.6	.1								3.0	4.9
ENE	1.7	.7	.3									2.6	3.6
E	1.2	5.9	2.2									9.9	5.1
ESE	2.3	9.0	9.9	1.2								22.5	6.7
SE	1.0	4.3	6.8	3.0	.1							15.2	7.9
SSE	.6	.8	1.5									2.9	6.7
S	.6	.7	.4	.1								1.8	5.2
SSW	.3	.1										.4	3.0
SW	.3		.1									.4	4.0
WSW													
W	.7	.6		.3								1.5	4.9
WNW	.6	.7	.4	.3								1.9	6.2
NW	1.0	2.6	.3		.3	.1						4.3	6.1
NNW	.8	2.6	2.1	1.8	.1							7.5	8.1
VARBL													
CALM												10.5	
	15.2	34.4	26.9	8.6	.8	.6						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 724

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

MAO
MONTHS

ALL WEATHER
CLASS

0600-0600
PERIOD (L.C.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	1.7	1.7	1.6	.3							7.4	7.1
NNE	2.7	1.1	.6	.2	.1							4.7	4.5
NE	1.0	1.1	.4									2.6	4.4
ENE	1.3	.8	.1									2.2	3.4
E	3.0	5.8	3.6	.1		.1						12.6	5.4
ESE	1.6	6.9	9.2	1.6								19.2	7.2
SE	.8	4.2	8.3	1.7								15.0	7.7
SSE	.6	.9	1.2	.1								2.8	6.5
S	.4	.4	.3	.1								1.3	5.0
SSW	.4	.1										.6	2.6
SW	.2	.1	.1									.4	4.3
WSW		.2										.2	4.0
W	.3	.2		.1								.7	4.7
WNW	.9	1.7	.9	.7								4.1	6.3
NW	1.3	3.8	2.0	.4	.1	.1						7.8	6.2
NNW	1.7	2.2	1.7	2.0	.1							7.7	7.3
VARS													
CALM												10.8	
	18.4	31.2	30.1	8.6	.7	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

900

3479

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEAR

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.5	1.8	2.4	.2	.1						7.9	8.8
NNE	.9	.6	.6	.1								2.3	5.2
NE	.2	.1	.6	.1								1.1	6.8
ENE	.9	.2	.2	.1								1.4	3.9
E	.5	1.7	1.2	.1								3.0	5.6
ESE	1.4	2.5	5.4	1.9	.1							11.4	7.8
SE	1.2	4.5	10.4	7.0	.2							23.4	9.0
SSE	.9	3.2	5.8	4.5	.4							14.9	9.2
S	.8	1.3	1.0									3.0	5.6
SSW	.2	.4										.6	3.2
SW	.4	.1										.5	2.0
WSW	.6	.2		.1								1.0	3.8
W	.4	.4	.2	.3								1.4	6.6
WNW	.6	1.0	1.2	.5	.2							3.6	7.7
NW	.9	1.5	2.5	2.3	.8	.1						8.0	9.9
NNW	.5	1.6	2.7	2.6	1.4	.3						9.2	11.3
VARBL													
CALM												6.8	
	11.4	22.1	33.7	22.2	3.4	.5						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 925

REGIONAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

122615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURL (L.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.6	1.1	1.8	1.5	.6							5.7	9.3
NNE	.4	.9	.2	.2								1.7	5.7
NE	.5	.6	.2									1.4	4.5
ENE	.5	.6	.2									1.4	4.2
E	1.2	1.0	.9	.4								3.4	5.7
ESE	.4	1.8	4.7	1.5	.1							8.6	8.6
SE	.3	2.9	7.2	6.9	.9							18.2	10.0
SSE	.9	2.9	6.5	6.6	.6	.2						17.6	10.0
S	1.2	2.5	2.7	1.2	.2	.1						7.8	7.9
SSW	.2	.6		.1								1.0	4.8
SW	.2	.3										.5	4.0
WSW	.2	.2	.2	.1								.8	6.0
W	1.3	.9	.2	.4								2.8	5.6
WNW	.5	.2	.9	1.0	.6	.1						3.3	11.1
NW	.2	1.0	2.6	4.4	1.4	.1						9.7	12.2
NNW	.4	1.6	3.2	3.8	1.1	.5						10.6	11.5
VARBL													
CALM												5.4	
	9.2	19.1	31.5	28.1	5.6	1.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

3480

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAK
MONTHS

ALL WEATHER
CLASS

1500-1700
HOORS (L.G.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.5	1.1	3.1	3.1	.6							8.5	10.3
NNE	.3	.9	.8									1.9	5.8
NE	.8	.5	.2	.1		.1						1.7	5.8
ENE	.9	.8	.6	.1								2.4	4.9
E	1.2	1.2	1.9	.4								4.8	6.3
ESE	1.1	2.7	5.3	3.0	.4							14.5	6.7
SE	1.2	2.7	8.5	7.7	.6							25.7	10.0
SSE	.5	2.5	4.8	6.8	1.9	.3						16.8	11.2
S	.9	1.4	2.1	1.1	.2							5.6	7.7
SSW	.3		.1									.4	4.3
SW	.2	.2										.4	3.0
WSW	.6	.6		.1								1.4	4.2
W	.2	.3	.2	.1	.3	.1						1.3	11.3
WNW	.2	.4	.9	1.1	.5	.4						3.6	12.3
NW	.3	.6	1.3	2.3	.6	.3	.1					5.6	12.4
NNW	.1	1.3	2.3	3.6	1.6	.1						9.0	11.8
VARBL													
CALM												3.2	
	9.4	17.3	32.1	29.5	7.0	1.4	.1					120.0	9.4

TOTAL NUMBER OF OBSERVATIONS 926

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

SURFACE WINDS

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

STATION 240515 WAGHAIN AFB TX STATION NAME 7073-81 YEARS 1800-2000 MONTHS ALL WEATHER
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.1	3.9	2.6	.4	.4						11.4	9.2
NNE	.9	1.7	.9	.2	.1							3.8	6.3
NE	1.1	.6	.2									1.9	4.3
ENE	.9	1.8	.1	.1								3.0	4.3
E	2.5	4.9	2.4	.1								9.8	4.9
ESE	1.3	3.9	4.9	4.9								14.9	8.5
SE	1.3	5.5	7.2	5.5	.4							20.3	6.4
SSE	1.3	3.7	3.6	3.6	.5							12.6	8.3
S	2.0	1.7	.7	.1	.1							4.6	4.6
SSW	.9	.2	.1									1.3	3.5
SW	.5	.1										.6	2.8
WSW	.2	.1										.4	3.0
W	.5	.5		.1								1.2	4.8
WNW	.1	.7	.6	.7	.2							2.4	9.4
NW	.2	.6	.9	1.3	.1	.1						3.3	10.1
NNW	.2	2.1	1.2	1.3	.1		.1					5.1	8.7
VARBL													
CALM												3.9	
	15.1	31.2	26.8	20.5	1.9	.5	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 843

34A

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

SURFACE WINDS

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

STATION 702015 LAUGHLIN AFB TX STATION NAME 70,73,75-51 YEARS 4AP
 CLASS ALL WEATHER MONTHS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.4	3.5	2.2	1.2	.1	.1						9.2	6.6
NNE	3.1	3.3	1.2	.6								8.2	4.9
NE	1.2	1.2	.1	.1								2.6	4.0
ENE	1.6	.7	.6									2.9	4.0
E	1.7	4.7	2.2									3.5	5.2
ESE	3.0	7.0	7.0	5.5	.7							23.3	8.1
SE	1.9	7.5	4.8	3.6	.5							16.3	7.6
SSE	1.2	2.9	1.4	.2	.1							5.7	5.8
S	1.0	.9	.4	.1								2.3	4.9
SSW	.7	.4										1.1	3.0
SW	.6	.5										1.1	3.6
WSW	.2	.4										.6	4.0
W	.1	.1	.2									.5	5.3
WNW	.7	.5										1.2	3.3
NW	.4	1.1	.6		.2	.1						2.4	7.9
NNW	.6	1.1	1.1	.6	.1	.1	.1					3.7	9.0
VARBL													
CALM												8.4	
	19.7	36.0	21.7	11.9	1.8	.4	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 837

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

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

SURFACE WINDS

722615 STATION LAUGHLIN AFB TX 70.73-81 YEARS MAR MONTH
 ALL WEATHER CLASS ALL MONTHS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 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	2.3	2.4	2.0	.4	.1						8.6	9.1
NNE	1.6	1.7	.7	.3	.0							4.3	5.0
NE	.0	.9	.3	.1		.0						2.3	4.7
ENE	1.1	.8	.3	.1								2.2	4.1
E	1.7	3.5	2.0	.2		.0						7.4	5.3
ESE	1.6	4.9	6.8	2.9	.2							16.4	7.8
SE	1.2	4.5	7.7	5.1	.4							18.8	8.8
SSE	.9	2.4	3.4	2.9	.5	.1						10.2	9.2
S	1.0	1.2	1.0	.4	.1	.0						3.7	6.4
SSW	.4	.3	.0	.0								.8	3.8
SW	.4	.2	.0									.6	3.3
WSW	.3	.3	.7	.0								.6	4.2
W	.5	.4	.1	.2	.0	.0						1.3	6.2
WNW	.5	.8	.6	.6	.2	.1						2.5	8.5
NW	.6	1.6	1.4	1.5	.5	.1	.0					5.7	9.5
NNW	.6	1.7	1.9	2.2	.6	.1	.0					7.2	10.2
VARBL													
CALM												7.2	
	14.8	27.4	28.7	18.2	2.9	.6	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 6798

3482

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 70, 73, 75-81 APR 1980-1980
 MONTH 1000-2200
 CLASS ALL WEATHER
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.6	.7	.3	.1							5.7	5.1
NNE	2.6	1.3	.3	.1								4.4	3.8
NE	1.3	.9	.7	.3	.1							3.4	5.7
ENE	.4	1.3	.6	.3								2.3	6.2
E	2.5	4.5	3.8	.9	.3							12.0	6.3
ESE	1.9	7.9	13.6	7.8	.6							31.6	6.7
SE	2.5	3.4	7.6	5.7	.6	.1						20.1	4.0
SSE	.7	1.9	.9	.6	.1							4.2	6.8
S	.4	.3	.6	.1								1.5	6.4
SSW		.1		.1								.3	3.0
SW	.1	.1										.3	4.0
WSW			.1									.1	9.0
W	.1	.5		.1								.9	6.5
WNW	.3	.6	.4									1.3	5.3
NW	.1	.9	.4	.7								2.2	6.6
NNW	.1	.7	.7	.6	.6							2.8	10.4
VARBL													
CALM												6.6	
	15.5	26.9	30.6	17.7	2.5	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 680

U.S. CLIMATOLOGY BRANCH
 WAFSC
 METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

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

STATION: LAUGHLIN AFB TX STATION NAME: LAUGHLIN AFB TX YEARS: 70, 73, 75-81 MONTH: NOV
 CLASS: ALL WEATHER HOURS (L.S.T.): 300-1800
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.7	.4	.6	.3							3.5	3.5
NNE	2.7	1.4	.4	.1		.1						4.4	4.5
NE	.1	.0	.1	.1	.1							1.4	3.7
ENE	1.3	1.1	.3									2.7	3.9
E	2.4	6.0	4.0	.3								13.5	5.4
ESE	1.6	8.0	14.9	4.5	.4							29.5	5.1
SE	1.3	3.3	8.6	3.9								17.1	5.3
SSE	.6	1.3	1.1	1.0								4.0	7.4
S	.4	.7										1.1	3.9
SSW	.2	.1										.4	3.3
SW	.1	.3										.4	4.5
WSW		.1										.1	5.0
W		.6	.1	.1								.9	6.3
WNW	.1	.6	.1									.9	4.3
NW	.7	1.7	1.0	.4								3.9	6.4
NNW	1.4	1.0	1.4	1.1	.6							5.5	6.6
VARBL													
CALM													
	15.7	29.7	32.8	12.2	1.4	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 696

AFSCAL CLIMATOLOGY BRANCH
 AF/ETAC
 AF WEATHER SERVICE/MAC

SURFACE WINDS

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

72215 STATION LAUGHLIN AFB TX STATION NAME 70,73-81 YEARS APE MONTH 1600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.9	.5	.8	.3							3.7	7.5
NNE	1.1	.9		.1	.1							2.2	4.6
NE	1.7	.7	.2	.1								2.1	4.2
ENE	.2	.9	.6									2.3	4.8
E	2.2	6.4	4.0	.2								13.4	5.4
ESE	1.8	6.9	14.4	3.4								26.6	7.8
SE	.6	4.6	11.6	4.5								21.3	6.5
SSE	1.0	.2	1.5	.5								3.2	6.5
S	.1	.5	.1									.7	6.3
SSW		.1										.1	6.0
SW	.1											.1	2.0
WSW	.1											.1	2.0
W	.1	.9										.9	4.8
WNW	.5	1.4	.5	.1								2.3	4.9
NW	1.1	2.2	1.6	.6								5.5	6.0
NNW	.6	1.6	1.8	1.1	.5							5.9	6.6
VARBL													
CALM												9.0	
	13.9	28.0	36.9	11.5	.9							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 870

44 CLIMATOLOGY BRANCH
 W. T. AC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 70, 73-81 MONTH APR
 CLASS ALL WEATHER MONTH 0900-1100
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	1.6	1.6	.6							4.7	10.3
NNE		.5	.3	.4	.1							1.5	9.5
NE	.4	.6	.3	.2	.1							1.7	6.5
ENE	.6	.3	.1									1.0	4.1
E	.6	2.0	2.1	.7								5.4	6.9
ESE	.7	2.5	3.4	3.4								14.9	8.4
SE	1.0	3.8	13.4	13.1								31.3	9.8
SSE	.5	2.3	6.1	5.6	.3							15.2	9.5
S	.5	.9	.8	.3	.1							2.9	6.7
SSW	.2	.3	.1									.7	3.8
SW	.1											.1	2.0
WSW		.2										.2	5.5
W	.7	.3	.1	.1								1.2	4.4
WNW	.1	.3	.7	.1	.3							2.0	9.3
NW	.2	1.2	1.9	1.0	.6							4.9	9.9
NNW	.1	1.5	1.1	3.9	.7	.2						7.5	11.8
VARBL													
CALM												4.9	
	4.6	18.0	37.1	30.4	2.8	.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 895

3414

GENERAL CLIMATOLOGY BRANCH
 AF, FETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 722615 LAUGHLIN AFB TX YEARS 70, 73-81 MONTHS APR
 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	.5	1.4	1.4	1.6	.4	.1						5.3	9.3
NNE	.3	.9	.7	.2								2.1	6.3
NE	.2	.7	.4			.1						1.4	6.8
ENE	.4	.2	.3	.1	.1							1.2	7.4
E	.3	1.6	1.4	.1								3.4	6.2
ESE	.4	2.2	5.2	2.2								11.1	8.6
SE	.6	3.4	9.6	12.3	1.0							26.9	10.6
SSE	1.2	2.1	7.2	9.4	1.9	.1						21.9	11.0
S	.7	1.3	1.2	.8								4.0	7.7
SSW	.1	.5	.6									1.2	6.3
SW	.3	.3	.2									.9	4.6
WSW		.1										.1	6.0
W	.3	.7	.1		.1							1.2	5.8
WNW	.6	.3	.8	.7	.2							2.6	6.7
NW	.1	.9	1.3	1.3	.1							3.8	9.5
NNW	.4	1.1	2.4	3.0	1.3	.2						8.6	11.8
VARBL													
CALM												3.8	
	6.9	17.8	34.0	31.8	5.2	.6						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 METAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAUGHLIN AFB TX YEAR 70.73-81 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.3	3.2	1.6	1.1							9.1	9.2
NNE	.3	.9	.8	.1								2.1	6.0
NE	.1	.8	.3	.2								1.5	6.4
ENE	.9	.4	.1	.2	.1							1.8	5.5
E	.6	1.0	1.6	.9								4.0	7.7
ESE	.7	2.9	7.6	5.5	.3	.1	.1					17.2	9.8
SE	1.1	2.1	9.4	13.2	.9	.1						26.8	11.0
SSE	.3	2.3	5.4	6.3	1.9							16.2	11.1
S	.9	1.7	1.1	.8	.4							4.9	7.9
SSW		.1		.2								.3	12.0
SW	.3	.2										.6	3.6
WSW	.2	.1	.1									.4	4.3
W	.1	.1	.6									.9	8.0
WNW	.2	.3	.8	.4								1.8	9.6
NW	.4	.7	.6	1.3	.6	.1						3.7	11.2
NNW	.8	.9	1.0	2.2	.7	.1						5.7	10.7
VARBL													
CALM												3.1	
	7.8	17.0	32.5	33.0	6.0	.4	.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 695

REGIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

022015
STATION

LAUGHLIN AFB TX
STATION NAME

73,73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.3	1.7	2.0	.6	.5						7.9	6.2
NNE	.5	1.6	1.1	.5								3.7	6.4
NE	.9	1.4	.6	.4								3.2	5.7
ENE	.5	.9	.5									1.9	5.0
E	2.0	4.2	2.5	.4								9.3	5.5
ESE	1.6	6.6	9.3	8.7	.4							26.5	8.8
SE	1.6	5.3	6.6	6.4	1.2							21.1	9.2
SSE	1.1	3.1	2.8	1.9	.4							9.3	8.0
S	1.7	1.6	.6	.4								4.3	5.0
SSW	.6	.2										.9	3.0
SW	.4		.1									.5	4.0
WSW	.4	.1										.5	3.3
W	.4			.1								.5	4.5
WNW		.1	.2	.1			.1					.6	13.6
NW	.1	.5	.7	.4	.1							1.9	8.9
NNW	.4	.1	.7	.5	.4							2.1	10.1
VARBL													
CALM												6.2	
	12.0	28.1	27.6	21.6	3.1	.5	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

609

FEDERAL CLIMATOLOGY BRANCH
METAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 722015 LAUGHLIN AFB TX STATION NAME 70, 73, 75-81 YEAR APR
ALL WEATHER CLASS 2100-2300
 CONDIION MOVING (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	1.9	1.6	.3							5.6	8.6
NNE	1.8	2.9	.5	.6	.1							5.9	5.4
NE	1.1	1.3	.9	.3								3.5	5.5
ENE	1.3	1.0	.1	.1								2.5	4.1
E	3.3	6.5	3.1	1.5	.3	.1						14.8	6.3
ESE	2.8	8.9	12.8	8.0	.5							32.4	8.3
SE	1.4	4.6	4.5	2.8	.9							14.1	6.2
SSE	1.5	1.4	.9	.6	.1							4.5	6.2
S	.9	.8	.1									1.8	3.6
SSW	.6	.4										1.0	3.1
SW	.4											.4	2.3
WSW		.3										.3	5.0
W	.3		.1									.4	5.0
WNW	.3	.4	.6	.1								1.4	7.2
NW	.1	.3	.1	.3								.8	8.2
NNW	.1	.5	.4	.5	.5							2.0	11.5
VARBL													
CALM												9.1	
	16.0	30.7	26.0	16.4	2.6	.1						102.3	6.7

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	1.5	1.3	.5	.1						6.1	8.5
NNE	1.1	1.3	.5	.3	.0	.0						3.2	5.5
NE	.6	.9	.5	.2	.0	.0						2.2	5.8
ENE	.8	.7	.3	.1	.0							1.9	5.0
E	1.7	4.7	2.7	.6	.1	.0						9.1	6.0
ESE	1.4	5.5	10.7	5.3	.3	.0	.0					23.2	8.5
SE	1.2	3.8	9.0	8.0	.6	.0						22.7	9.6
SSE	.9	1.8	3.4	3.5	.6	.0						10.3	9.6
S	.7	1.0	.6	.3	.1							2.7	6.4
SSW	.2	.3	.1	.0								.6	5.3
SW	.7	.1	.0									.4	3.8
WSW	.1	.1	.0									.2	4.6
W	.3	.4	.1	.1	.0							.9	5.6
WNW	.3	.6	.5	.2	.1		.0					1.7	7.5
NW	.4	1.0	1.0	.8	.2	.0						3.4	8.5
NNW	.5	.9	1.2	1.7	.7	.1						5.1	10.6
VARBL													
CALM												6.1	
	11.6	24.1	32.3	22.4	3.2	.3	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 6547

AL CLIMATOLOGY BRANCH
 FTAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

72015 STATION LAUGHLIN AFB TX STATION NAME 70.75-81 YEARS MAY MONTH
 ALL WEATHER CLASS 3000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	.5	.5								4.1	5.2
NNE	.9	.9		.3								2.1	4.7
NE	.9	1.1	.6	.3								2.9	5.6
ENE	1.5	2.1	.8	.2								4.4	4.9
E	3.8	6.9	4.9	2.4								18.0	6.3
ESE	2.9	6.4	19.1	4.4	.5							26.3	7.7
SE	1.2	4.6	7.3	6.3	.2							19.5	9.1
SSE	.6	1.8	1.5	.9	.3							5.2	7.6
S	.3	.5	.3	.9								2.0	8.6
SSW		.5	.3									.8	6.4
SW	.2		.2									.3	5.0
WSW	.5	.3										.8	2.8
W	.2		.2									.3	4.5
WNW		.6	.2									.8	5.6
NW	.2	.2	.2	.2								.6	6.5
NNW	.8	.2		.5								1.4	6.3
VARBL													
CALM												13.5	
	15.4	29.5	26.9	16.8	.9							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 655

3487

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722015
STATION

LAUGHLIN AFB TX
STATION NAME

70, 75-81
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	.9	.7	1.0	.1	.3							2.0	7.4
NNE	1.1	.7		.1								2.0	3.9
NE	.6	.3	.9	.1	.1							2.0	7.3
ENE	1.9	2.0	1.4	.1	.1							5.6	5.4
E	3.6	9.3	5.4	.7		.1						19.1	5.8
ESE	2.0	8.3	11.4	3.7								25.4	7.6
SE	1.4	3.7	8.4	5.0								18.5	8.5
SSE	.4	1.0	2.1	.4	.1							4.2	8.1
S	.4	.9	1.0	.3		.1						2.2	7.5
SSW	.1	.1	.3									.6	5.8
SW	.3											.3	1.5
WSW	.1											.1	3.0
W	.3	.1	.1									.6	4.8
WNW	.6	1.1		.1								1.9	4.2
NW	.7	.3	.1	.1								1.3	4.6
NNW	1.1	.3	.3	.1	.1							2.0	5.4
VARBL													
CALM												11.0	
	15.5	28.8	32.5	11.1	.9	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 702

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

702015 STATION LAUGHLIN AFB TX STATION NAME 7073-81 YEARS MAY MONTH
 ALL WEATHER CLASS 630-0600 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	.8	.5	.1	.2						4.1	7.1
NNE	.6	.6	.1	.1								1.4	4.8
NE	.0	.3	.5	.1	.2							2.0	6.1
ENE	1.6	.9	.1									2.6	3.3
E	2.2	7.5	6.3	.7								17.6	5.9
ESE	1.9	6.7	12.5	3.2								25.2	7.7
SE	.2	5.3	12.1	3.7								21.9	6.1
SSE	.5	2.1	2.1	.8								5.5	7.7
S	.6	.8	.8									2.1	5.4
SSW	.1	.1	.1									.3	5.2
SW		.1										.1	6.0
WSW	.5											.3	2.0
W		.2	.1	.1								.5	6.0
WNW	.8	.9	.2		.1							2.0	5.1
NW	.7	1.4	.7	.1								2.8	5.5
NNW	.7	.9	.6	.7	.2							3.1	7.6
VARBL													
CALM												3.0	
	13.7	29.2	38.0	10.0	.7	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 884

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

72215
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.3	.8	1.1	1.1	.2							2.7	.8
NNE	.1	.5	.3	.1	.1							1.2	7.7
NE	.5	.5	.3	.1								1.5	5.1
ENE	.9	.4	.5		.1							2.0	5.5
E	.9	1.9	2.7	1.1								6.6	7.3
ESE	1.2	4.2	10.3	3.9								19.6	8.2
SE	1.0	5.9	14.4	6.2	.1							27.7	8.6
SSE	1.2	4.0	8.2	3.5	.1							17.0	6.3
S	1.3	1.6	1.9	.5								5.4	6.2
SSW	.7	.1	.3									1.1	4.2
SW		.3										.3	5.0
WSW	.2	.1	.1									.4	3.8
W	.3	.4										.8	3.9
WNW	.2	.4	.3	.4								1.4	6.2
NW	.2	1.0	1.2	.8								3.2	6.4
NNW	.2	1.3	1.1	.8	.1							3.5	6.0
VARBL													
CALM												4.7	
	9.5	23.6	42.8	18.6	.8							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 913

USAF CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

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

SURFACE WINDS

122015 STATION LAUGHLIN AFB TX STATION NAME 70,73-61 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	.5	.6	2.5	1.4	.2							0.3	0.9
NNE	.3	.6	.3	.1	.1							1.5	6.6
NE	.5	.3	.3									1.2	4.7
ENE	.5	.5	.9	.1								2.1	6.2
E	1.2	1.7	2.8	.4								6.2	6.5
ESE	1.3	3.9	7.5	4.7								17.3	8.6
SE	.9	5.5	10.7	7.9								25.0	9.0
SSE	.6	4.5	8.7	5.3								19.2	8.9
S	1.6	1.8	1.7	1.5								6.7	6.9
SSW	.4		.1									.5	3.2
SW	.4	.3	.2									1.0	4.6
WSW	.4	.2										.6	2.8
W	.2	.3										.5	3.6
WNW	.3	.4	.4	.2								1.4	6.7
NW	.4	.9	1.2	.5								3.0	7.5
NNW	.3	.6	.6	1.3	.2							3.1	4.7
VARBL													
CALM												0.3	
	10.2	22.5	36.0	23.5	.5							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 724

3499

FEDERAL BUREAU OF SURVEILLANCE
 METEOROLOGICAL SERVICE/MAAC

SURFACE WINDS

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

STATION: LAUGHLIN AFB TX STATION NAME: LAUGHLIN AFB TX YEARS: 70, 73-81 MONTH: MAY

CLASS: ALL WEATHER HOURS (L.S.T.): 1800-1700

CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	2.1	.9								4.7	6.0
NNE	.3	.2	.7	.2		.1						1.5	6.4
NE	.6	.9	.9									2.5	5.3
ENE	.3	1.1	1.1	.1								3.6	6.6
E	.6	3.4	4.8	1.3	.2							10.8	7.6
ESE	1.7	3.2	9.1	6.6	.2							19.8	9.4
SE	.7	4.3	15.6	9.3	.2							28.1	9.6
SSE	.9	1.0	5.8	6.1	.1							14.7	9.8
S	.9	1.1	1.5	1.4								4.9	6.0
SSW	.4	.4										.9	3.0
SW	.2	.2	.1									.5	5.0
WSW	.1	.4	.4									1.0	6.4
W	.1	.2	.2			.1						.7	6.6
WNW	.3	.3	.2	.2								1.1	6.7
NW	.2	.4	.7	.1								1.8	6.3
NNW	.7	1.0	1.3	1.1	.2							4.3	6.6
VARBL													
CALM												3.4	
	3.2	20.2	39.6	27.4	1.0	.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 910

41 CLIMATOLOGY BRANCH
 FTAC
 METEOROLOGICAL SERVICE-MAC

SURFACE WINDS

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

STATION 2418 WAGHLYN AFB TX STATION NAME 70,73-81 YEARS MAY
 CLASS ALL WEATHER MONTH 1950-1951
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	1.7	.1								4.6	5.2
NNE	.9	.8	.4	.7								2.6	7.7
NE	.4	1.5	.6	.2								2.7	6.4
ENE	.4	.7	.4	.2								1.9	6.1
E	2.1	5.5	5.7	2.0		.2						16.4	7.2
ESE	1.1	5.1	1.5	4.7	.5							21.9	8.5
SE	1.2	5.7	9.9	4.4	.1	.1						23.5	8.4
SSE	1.4	3.5	4.0	1.5	.2							10.8	7.4
S	1.2	1.5	2.1	.4	.1							4.6	7.2
SSW	.4	.7	.2									1.4	4.3
SW	.2	.1	.1	.1	.1							1.3	7.1
WSW	.2	.7										1.3	4.8
W	.4		.4									.7	5.6
WNW	.1		.1		.1							.4	10.3
NW	.4	.4	.4									1.0	5.3
NNW	.2	.1	.4	.4	.2							1.4	10.5
VARBL													
CALM												4.4	
	11.4	26.8	36.8	16.8	1.5	.4						102.1	7.3

TOTAL NUMBER OF OBSERVATIONS 81

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

SURFACE WIND

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

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 70, 73, 75-81

CLASS ALL WEATHER

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	1.7	1.0	.7	.4		.1						4.9
NNE	1.7	.9	.8	.3								5.7
NE	1.4	.7	.4	.1								2.7
ENE	1.0	.7	.5	.1								3.3
E	4.3	7.8	7.2	3.7								25.4
ESE	3.4	2.3	8.6	4.6	1.3	.1						20.5
SE	2.3	4.6	4.7	3.8	.3							15.6
SSE	1.7	2.9	2.5	.5								7.6
S	.5	.7	.4	.5								3.3
SSW	.7	.7	.1									1.7
SW	.3	.1	.3									.7
WSW												
W	.7											.3
WNW	.7	.1			.1							.3
NW			.3									.3
NNW			.7	.1			.1					.3
VARBL												.3
CALM												10.0
	1.5	30.1	26.9	14.1	1.7	.7	.1					100.0

TOTAL NUMBER OF OBSERVATIONS _____

U.S. METEOROLOGICAL BUREAU
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/NAO

SURFACE WINDS

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

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEAR 70-73-81 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 4-6
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	1.3	.7	.1	.0						4.2	7.2
NNE	.7	.6	.3	.2	.0	.0						1.4	6.0
NE	.7	.7	.5	.1	.0							2.2	5.6
ENE	1.0	1.7	.7	.1	.0							2.9	5.4
E	2.3	5.4	4.9	1.5	.0	.0						14.2	6.6
ESE	1.3	5.8	10.1	4.5	.3	.0						22.4	8.2
SE	1.2	5.0	10.0	5.2	.1	.0						22.5	8.7
SSE	.2	2.3	4.6	2.6	.1							11.0	3.5
S	.9	1.1	1.3	.7	.0	.0						4.0	7.0
SSW	.3	.4	.2									.9	4.4
SW	.2	.2	.1	.0	.0							.6	5.4
WSW	.2	.2	.1									.3	4.0
W	.2	.2	.1	.0		.0						.5	5.4
WNW	.2	.5	.2	.1	.0							1.2	6.3
NW	.4	.9	.6	.2								1.3	6.5
NNW	.5	.5	.6	.7	.2		.0					2.5	6.4
VARBL													
CALM												0.7	
	12.5	26.3	35.7	17.6	1.0	.2	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 6569

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAUGHLIN AFB TX YEARS 70, 73-81 MONTHS JUN
STATION NAME YEARS MONTHS
ALL WEATHER
CLASS
0000-0200
NOVMS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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									1.1	4.3
NNE	.3	1.4										2.2	3.7
NE	.2	.9	.2	.3								2.2	5.4
ENE	.5	.8	.3	.3	.2							2.0	7.6
E	3.6	6.6	4.1	2.2								16.5	6.3
ESE	3.8	11.1	16.1	10.0	.3							41.4	8.1
SE	1.9	4.5	13.3	5.3								25.1	8.4
SSE	.2	.7	.6	.8								2.4	6.5
S	.5											.5	1.7
SSW													
SW			.2									.2	7.0
WSW			.3		.2							.5	11.3
W		.2										.2	5.0
WNW													
NW		.2										.2	6.0
NNW	.2	.2	.2	.2								.6	6.3
VARBL													
CALM												5.2	
	12.4	27.3	35.4	19.1	.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 634

CENTRAL CLIMATOLOGY BRANCH
 WLTAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LANGHLIN AFB TX STATION NAME 70,73,75-81 YEARS JUN
 CLASS ALL WEATHER MONTH 3300-3500
 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	.0	.6	.3	.1								1.9	4.8
NNE	.7	1.5	.3									2.5	4.3
NE	.5	1.2	.3									2.0	4.3
ENE	.7	1.7	.4									2.9	5.1
E	2.0	11.4	7.0	.7								21.9	5.9
ESE	2.6	14.3	18.4	5.1								40.4	7.4
SE	1.2	4.4	9.8	2.2								17.6	7.7
SSE	.2	.6	1.0	.1								2.0	7.1
S			.1									.1	8.0
SSW													
SW													
WSW			.1									.1	7.0
W		.1	.1									.3	6.5
WNW		.2										.3	4.5
NW		.7										.7	4.2
NNW	.3	.6										.3	3.8
VARBL													
CALM												.3	
	10.2	37.3	37.9	8.3								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 680

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702619 LAUGHLIN AFB TX 70, 73-81 JUN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1600-0000

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	1.1	1.2	.4									2.6	4.2
NNE	.6	.7	.2	.2	.1							1.9	6.5
NE	.9	.8	.4	.1								2.2	4.6
ENE	.8	1.1	.4									2.2	4.3
E	2.2	9.6	6.8	.8								19.2	6.2
ESE	1.6	9.8	19.0	2.8								33.3	7.6
SE	.4	4.5	14.4	6.0								25.2	9.0
SSE	.2	1.1	2.7	.7								4.7	8.0
S	.4	.4	.1	.2								1.1	6.2
SSW	.1	.1	.1									.4	4.7
SW	.1											.1	3.0
WSW													
W	.1	.2		.1								.5	6.8
WNW	.1	.1	.1									.4	5.0
NW		.5	.2									.7	5.8
NNW	.1	.4	.1									.6	5.6
VARBL													
CALM												5.0	
	8.6	30.0	44.9	11.0	.1							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 453

U.S. AIR FORCE
 CLIMATE DIVISION
 METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

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

702518 STATION LAUGHLIN AFB TX 70,73-81 YEAR 1960 MONTH JUN

STATION NAME 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	.2	.9	.9	.3								2.4	7.0
NNE		.3	.1	.3	.2							1.0	10.9
NE	.9	.2	.2									1.2	4.0
ENE	.4	.4	.4	.2								1.6	6.3
E	.3	1.6	3.6	.3								5.8	7.2
ESE	.3	3.4	8.9	3.0	.3							16.4	8.6
SE	1.2	5.7	21.3	10.4	.2							38.9	9.1
SSE	1.2	4.4	12.6	4.2								22.3	6.4
S	.4	1.5	1.6	.2								3.7	6.7
SSW	.2		.1	.1								.4	6.0
SW	.1	.1	.1									.3	5.3
WSW	.1	.1										.2	3.5
W	.3	.1										.4	2.8
WNW		.2	.1									.3	5.0
NW	.2	.3	.3									.9	5.5
NNW	.4	.3	.3	.1								1.2	5.8
VARBL													
CALM												2.7	
	6.5	20.1	50.6	19.3	.8							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 891

3403

GENERAL CLIMATOLOGY BRANCH
 AFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 122415 DAUGHLIN AFB TX STATION NAME 70,73-81 YEAR JUN
 ALL WEATHER CLASS 1200-1400 MONTH NOV
 CLAS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	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	.9		.1							1.7	7.3
NNE	.1	.3	.4	.2								1.1	7.5
NE	.1	.9	.2		.1							1.2	6.7
ENE	.3	.7	.4									1.6	5.1
E	.6	2.2	4.0	.9								7.7	7.6
ESE	.9	2.6	6.1	4.2								13.8	8.9
SE	.7	4.1	17.4	11.4	.4							34.1	9.7
SSE	.7	5.2	11.1	9.2	.3							27.6	9.5
S	.3	2.7	2.2	1.2	.1							6.6	8.0
SSW	.3	.4										.8	3.6
SW			.1									.1	7.0
WSW	.1	.2										.3	3.7
W		.1	.1									.2	7.0
WNW		.1	.1									.2	6.5
NW		.4	.1									.6	6.2
NNW	.3	.1	1.2	.4								2.1	7.7
VARBL													
CALM												1.4	
	4.7	20.6	44.6	27.7	1.1							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

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

SURFACE WINDS

702419 STATION LAUGHLIN AFB TX STATION NAME 70.73-01 YEARS JUN MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	1.5									2.5	6.6
NNE	.1	.5	.5	.5								1.5	8.5
NE	.1	.6	.3	.1								1.1	6.7
ENE	.2	.9	.3	.1		.2						1.8	8.9
E	.7	2.3	4.3	1.6	.1							8.9	8.1
ESE	.6	3.0	9.1	8.2	.7							21.7	10.0
SE	.5	4.4	14.2	15.7	.7							35.4	10.3
SSE	.2	1.7	9.1	7.3								18.4	10.3
S	.3	.9	1.8	.9								4.0	8.2
SSW	.1	.5	.1		.1							.8	7.0
SW	.1	.2										.3	3.0
WSW	.5											.5	2.0
W		.1										.1	4.0
WNW													
NW	.1	.3	.3									.4	5.9
NNW	.1	.5	.7									1.2	6.8
VARBL													
CALM												1.0	
	4.0	16.5	42.3	34.4	1.6	.2						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 886

3494

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 722015 STATION NAME LAUGHLIN AFB TX YEARS 70, 73-81 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.0	.4	.1								1.0	5.3
NNE	.4	.4	.7	.1								1.6	7.1
NE	.2	.2	.7	.1								1.3	7.0
ENE	.6	.4	1.0	.4								2.3	6.8
E	1.1	4.3	5.8	3.1	.1							14.3	8.1
ESE	.7	5.4	11.5	8.4	.4							26.4	9.1
SE	1.0	6.1	14.4	9.3	.2							33.0	8.8
SSE	.8	2.4	6.4	3.5	.2							13.1	9.2
S	.5	.4	.6	.4								1.8	6.7
SSW	.1	.1										.2	3.5
SW	.2	.1	.2									.6	6.0
WSW		.1	.2									.4	6.3
W													
WNW	.2	.1										.4	3.0
NW	.1	.2										.4	4.3
NNW		.4	.1	.1	.1							.7	9.3
VARBL													
CALM												1.5	
	6.2	23.5	42.1	25.6	1.1							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 517

FEDERAL CLIMATOLOGY BRANCH
 WPC/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 722615 STATION NAME LAUGHLIN AFB TX YEARS 70, 73-81 MONTHS JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 1100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	.9	.3	.3								2.4	4.6
NNE	.8	.8	.3	.1	.1							2.1	5.1
NE	.5	.8	.4	.1								1.8	5.4
ENE	.9	.5	.3	.1								1.8	4.6
E	2.4	11.0	8.5	3.0								24.9	7.0
ESE	3.5	12.3	15.2	5.1	.3							38.5	7.4
SE	2.6	7.1	5.8	4.5	.8							20.7	7.8
SSE	.5	1.0	.9	.4								2.9	6.7
S	.7	.4										1.0	3.0
SSW	.3											.3	2.0
SW		.1										.1	4.0
WSW	.1		.1									.3	6.0
W			.7									.3	6.5
WNW	.1		.1									.3	6.5
NW		.4										.4	4.7
NNW			.1									.1	7.0
VARBL													
CALM												4.1	
	13.4	35.4	32.3	13.6	1.2							100.3	6.8

TOTAL NUMBER OF OBSERVATIONS 762

3405

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 122015 LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEAR 77, 73-81 MONTH JUN
 CLASS ALL WEATHER HOUR (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	.6	.1	.0							2.1	5.7
NNE	.4	.7	.7	.2	.1							1.7	6.5
NE	.5	.7	.3	.1	.0							1.6	5.4
ENE	.5	.8	.5	.1	.0	.0						2.0	6.0
E	1.6	5.9	5.4	1.5	.0							14.4	6.9
ESE	1.6	7.4	12.7	5.7	.2							27.7	8.3
SE	1.1	5.3	14.1	6.5	.3							29.4	9.1
SSE	.5	2.3	6.0	3.6	.1							12.4	9.1
S	.4	.5	.9	.4	.0							2.5	7.0
SSW	.2	.2	.0	.0	.0							.4	4.9
SW	.1	.1	.1									.2	5.1
WSW	.1	.1	.1		.0							.3	5.4
W	.1	.1	.1	.0								.2	5.7
WNW	.1	.1	.1									.2	5.1
NW	.1	.4	.1									.5	5.4
NNW	.2	.3	.4	.1	.0							1.5	6.7
VARBL													
CALM												3.2	
	7.9	25.8	41.8	20.4	.8	.0						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 6432

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

SURFACE WINDS

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

STATION WHEELIN AFB TX YEAR 73-74-81 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2											.2	2.0
NNE	.5											.5	2.0
NE	.5	.2	.3									.9	4.7
ENE	.9	.9	.5									2.3	4.5
E	3.2	6.6	4.8	.5								15.0	5.6
ESE	2.4	9.8	21.4	8.4	.5							42.4	6.3
SE	2.0	5.7	14.7	5.4	.3							28.1	6.4
SSE	.9	.9	1.1	.2								3.0	5.6
S													
SSW													
SW			.2									.2	10.0
WSW													
W	.2	.2										.2	3.0
WNW	.2											.2	2.0
NW	.5											.5	2.0
NNW	.2											.2	2.0
VARBL													
CALM												.5	
	11.3	24.2	42.9	14.4	.8							100.3	7.1

TOTAL NUMBER OF OBSERVATIONS 665

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

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

SURFACE WINDS

722017 LAUGHLIN AFB TX 77,75-81
 STATION MONTH
 ALL WEATHER CLASS
 1300-1500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 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										.5	2.3
NNE	.1	.1										.3	3.0
NE	.6	.3	.1		.1							1.1	5.6
ENE	1.1	1.7	.1									3.1	3.6
E	2.2	14.6	6.4	.1								19.4	4.9
ESE	3.7	23.5	17.3	2.3								48.3	6.7
SE	.7	5.1	5.5	1.4								12.9	7.3
SSE		.7	.3									.8	6.8
S			.1									.1	9.0
SSW		.1										.1	5.7
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												5.4	
	14.9	43.7	31.7	3.8	.1							100.2	5.7

TOTAL NUMBER OF OBSERVATIONS 774

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

SURFACE WINDS

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

STATION LAUGHLIN AFB TX YEARS 70-73-81 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 000-2359
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1										.2	4.0
NNE	.1	.3										.4	2.0
NE	.1	.1	.1									.7	3.0
ENE	1.7	1.0	.1									2.8	3.0
E	5.0	18.3	10.6	.7								34.6	5.7
ESE	1.0	12.6	18.0	3.3								34.9	7.7
SE	.5	4.4	11.0	2.5								18.4	8.0
SSE	.1	.3	1.0	.1								1.5	7.0
S		.1	.1									.2	6.0
SSW													
SW		.1										.1	5.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	10.3	37.4	41.0	2.6									

TOTAL NUMBER OF OBSERVATIONS 251

AF-116 094

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(1)
APR 82

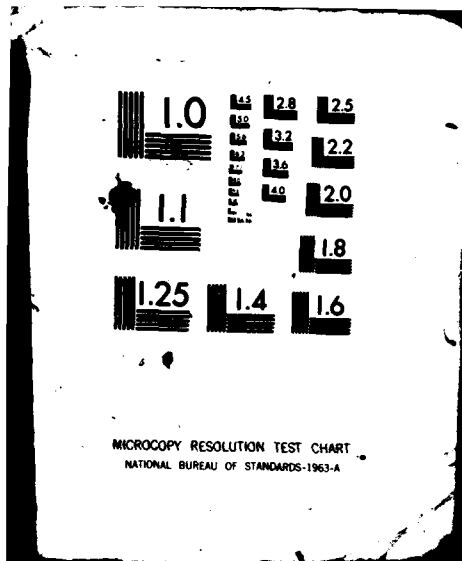
UNCLASSIFIED

USAFETAC/DS-82/026

SBI-AD-E850 173

NL

The table area is mostly blacked out. There is a small white box in the upper left corner of the grid with some faint markings. The grid consists of approximately 10 columns and 10 rows of cells.



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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFW WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEAR

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-65	≥66	%	MEAN WIND SPEED
N	.1	.3										.4	3.5
NNE	.1	.2										.3	5.0
NE	.2		.1									.3	4.0
ENE	.5	.1	.1	.1								.9	4.4
E	.9	4.5	3.3	.2								8.8	6.1
ESE	1.7	8.1	14.3	2.3	.1							26.5	7.4
SE	1.5	11.9	18.1	4.6	.3							36.5	7.8
SSE	.4	5.1	9.3	3.1								17.9	8.1
S	1.0	1.9	2.1	.1								5.0	5.9
SSW	.2											.2	2.0
SW	.1											.1	2.0
WSW													
W	.2											.2	2.0
WNW	.2											.2	2.0
NW	.1											.1	1.0
NNW	.2	.1	.1									.4	4.3
VARB													
CALM												2.0	
	7.6	32.2	47.4	10.4	.4							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 LAUGHLIN AFB TX 70-73-81 JUL
STATION STATION NAME YEAR

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.4	.1			.1						1.1	6.4
NNE	.2				.1							.3	8.3
NE	.2	.1		.2								.5	7.0
NNE	.5	.1		.3								1.3	8.7
E	.9	3.5	2.4	.9								7.4	6.6
ESE	1.2	3.9	11.6	4.1								20.8	8.3
SE	1.5	7.7	16.3	8.1	.7							34.2	8.7
SSE	1.1	5.7	10.5	4.8	.4							22.5	8.7
S	.8	2.9	1.8	1.5	.1							7.2	7.6
SSW	.1	.4										.5	3.6
SW	.2	.3										.5	3.6
WSW													
W	.3	.1										.4	2.5
WW	.3											.3	2.3
NW	.3											.3	2.3
NNW	.4	.1		.1								.7	4.2
VARB													
CALM												1.8	
	8.6	25.5	82.7	20.0	1.3	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 923

3488

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615

LAUGHLIN AFB TX

70.73-81

JUL

ALL WEATHER

1500-1700
MOON (LST)

SPEED (KNTS) DRL	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.1	.3	.1								.9	6.1
NNE	.3	.1	.3	.2								1.0	7.1
NE		.1	.1	.2	.1							.5	10.4
ENE	.5	.5	.4									1.5	8.6
E	1.2	2.4	3.3	2.0								9.1	7.7
ESE	.9	4.2	13.3	5.6	.3							24.2	8.1
SE	1.3	7.5	13.0	9.3	.9	.1						32.5	9.2
SSE	1.4	4.9	9.0	5.6	.5							21.5	8.9
S	.7	1.5	2.4	1.1								5.7	7.6
SSW		.1	.1	.1								.3	9.7
SW		.1	.1									.2	8.0
WSW	.1											.1	3.0
W	.1		.2									.3	7.3
WNW	.1		.1	.1								.3	7.1
NW		.1										.1	8.0
NNW	.1											.1	3.0
VARL													
CALM												1.5	
	7.1	21.7	43.3	29.3	1.9	.1						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

212

FEDERAL BUREAU OF SURVEY
 METAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

722015 LAUGHLIN AFB TX 70.73-01 JUL
 ALL WEATHER 1800-2000
 (MST) (LST)

SPEED (MPH) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	200	%	MEAN WIND SPEED
0	.5	.2	.1									.8	3.6
000		.5	.1									.6	3.6
010		.5	.2	.1								1.0	4.0
020	.3		.8	.2								1.4	7.8
0	1.4	4.1	5.8	2.7								14.0	7.8
000	2.4	6.3	19.8	6.8	.8							32.7	8.5
010	1.6	7.1	13.9	6.8	.9		.1					29.9	8.8
020	.5	1.3	6.8	2.7	.1							13.3	8.5
0	.7	1.9	1.2	.1		.1						3.5	6.2
090	.1	.5										.6	9.2
080	.2	.1	.1									.5	9.3
070		.1										.1	9.0
060	.2	.1	.1	.1								.6	9.9
050		.1										.1	9.0
040		.2	.1	.1								.5	9.0
030		.1										.1	9.0
020													
CALM												2.3	
	8.0	28.6	43.3	19.8	1.7	.1	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AWP WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 LAUGHLIN AFB TX 70,73-81 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4											.4	2.3
NNE	.5			.1		.1						.7	7.3
NE	.2	.5			.1							.9	5.9
NNE	.5	.7										1.2	3.7
E	5.1	13.8	6.1	2.1								27.1	5.8
ESE	3.6	12.4	13.5	6.6	.2							36.4	7.6
SE	3.1	6.3	5.6	3.5	.9							19.4	7.5
SSE	.9	2.1	.9	.2								4.1	5.8
S	.5	.4	.1									1.0	3.9
SSW		.1										.1	5.0
SW	.2											.2	2.0
WSW		.2										.2	6.0
W													
WNW	.2											.2	2.5
NW	.1											.1	1.0
NNW	.2											.2	2.0
VARIABLE													
CALM												7.6	
	15.7	36.6	26.2	12.5	1.2	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722515 LAUGHLIN AFB TX 70.73-81 JUL
STATION STATION NAME YEAR MONTH
ALL WEATHER ALL
CLASS GROUP (L.S.V.)
CONDITION

SPEED (KNTS) DIR.	1-3	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	.1	.0	.0	.0						.6	4.6
NNE	.3	.2	.1	.0	.0	.0						.6	5.4
NE	.3	.2	.1	.1	.0							.7	6.4
NNE	.8	.7	.3	.1								1.8	4.4
E	3.0	8.2	5.3	1.2								17.7	6.0
ESE	2.1	9.3	15.5	4.8	.2							32.0	7.8
SE	1.5	7.1	12.5	5.3	.5	.0	.0					27.0	8.4
SSE	.7	3.0	5.2	2.3	.2							11.3	8.4
S	.5	1.1	1.1	.4	.0	.0						3.1	6.8
SSW	.1	.2	.0	.0								.3	4.8
SW	.1	.1	.0									.2	4.3
WSW	.0	.0										.1	5.3
W	.1	.0	.0	.0								.2	4.6
WNW	.1	.0	.0	.0								.2	3.7
NW	.1	.0	.0	.0								.2	4.1
NNW	.2	.0	.0	.0								.2	3.7
VARB													
CALM												3.8	
	10.2	30.5	40.1	15.3	1.0	.1	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 6665

3500

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615

LAUGHLIN AFB TX

70,73-81

AUG

STATION

STATION NAME

YEARS

MONTHS

ALL WEATHER

0000-0200

CLASS

ZONE (L.S.T.)

COUNTRY

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.6										1.2	3.1
NNE	1.2	.4	.1		.1							1.9	4.2
NE	.9	.3	.1	.1	.3							1.8	6.9
ENE	.4	.3	.1									.9	3.8
E	5.2	5.7	3.3	.4								14.6	4.9
ESE	5.8	14.8	17.2	5.4								43.2	6.9
SE	2.4	8.7	8.2	1.8	.4							21.5	6.7
SSE	1.0	.9	2.4	.3								4.6	6.7
S	.4	.1	.1									.7	3.8
SSW													
SW			.1									.1	9.0
WSW	.1											.1	1.0
W													
WNW		.1										.1	4.0
NW	.1	.3										.4	3.0
NNW	.3			.1								.4	5.0
VARIABLE													
CALM												8.1	
	18.7	32.3	31.8	8.2	.9							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

669

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 LAUGHLIN AFB TX 70.73.75-81 AVE
STATION NAME YEAR MONTHS
ALL WEATHER
CLASS
CONDITION

0300-0500
HOURS (L.G.V.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.3										.4	4.3
NNE	.9	.6	.1	.3	.1		.1					2.1	7.7
NE	2.3	.6	.1	.3								3.3	3.9
NNE	3.6	.6	.4	.1				.1				4.8	4.6
E	10.8	14.9	3.7	.3								29.7	4.3
ESE	5.3	18.9	13.2	1.0								38.4	5.9
SE	.9	3.8	4.7	.3								9.7	6.5
SSE	.3	.1	.3									.7	5.0
S	.1											.1	1.0
SSW	.1											.1	1.0
SW													
WSW													
W		.1										.1	5.0
WNW													
NW	.3											.3	2.0
NNW	.4	.1										.6	2.5
VARBL													
CALM												9.7	
	25.0	40.1	22.6	2.3	.1		.1	.1				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 704

03581

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEAR

AUG
MONTH

ALL WEATHER
CLASS

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

CORRECTION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.2	.2	.1								1.1	4.8
NNE	2.1	1.0	.1	.1								3.4	3.5
NE	1.7	.6	.1									2.4	3.1
ENE	2.7	2.3	.3	.1	.1	.1						5.6	4.6
E	8.1	16.3	7.0	.2					.1			31.8	5.1
ESE	1.2	17.2	15.6	1.1			.1	.1				35.4	6.9
SE	.5	3.4	7.1	1.6								12.5	7.9
SSE		.2	.7	.1								1.0	7.9
S	.2											.2	2.5
SSW		.1										.1	4.0
SW													
WSW													
W			.1									.1	8.0
WNW	.2	.1										.3	2.7
NW													
NNW	.2		.1									.3	3.7
VARBL													
CALM												5.6	
	17.6	41.5	31.3	3.4	.1	.1	.1	.1	.1			100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 887

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AFM WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70.73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.2	.1	.1								.6	7.0
NNE	.2	.2	.2									.6	4.8
NE	.2	.3	.4	.2								1.2	7.1
ENE	.8	.5	.3	.1								1.7	4.9
E	1.1	3.5	2.7	.6	.1							8.0	6.4
ESE	2.7	9.0	6.9	1.4	.2							20.2	6.6
SE	2.7	10.4	15.5	4.9								33.4	7.6
SSE	2.2	6.4	11.7	2.4								22.6	7.3
S	1.8	3.0	1.1	.2								6.2	5.1
SSW	.1	.2	.1									.4	5.0
SW													
WSW													
W		.1										.1	5.0
WW		.1	.2									.3	7.0
NW	.2	.2										.4	3.5
NNW	.4	.1	.1	.2								.9	5.8
VARBL													
CALM												3.1	
	12.7	30.3	39.8	10.2	.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

924

3582

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 722615 LAUGHLIN AFB TX STATION NAME: LAUGHLIN AFB TX YEAR: 70,73-81 MONTH: AUG
 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	.2	.4	.8	.2								1.6	6.8
NNE	.4	.2	1.2	.2								2.0	7.5
NNE	.3	.5	.2									1.1	5.2
ENE	.4	.8	.4									1.6	5.1
E	1.0	2.6	2.7	1.2								7.4	7.2
ESE	1.5	5.6	6.7	1.3	.3							15.4	7.3
SE	1.6	9.9	14.0	4.9	.1							30.5	7.7
SSE	2.2	7.3	11.5	4.3	.3							25.6	8.0
S	1.3	3.4	3.2	1.5	.1							9.6	7.1
SSW		.3										.3	4.3
SW		.3										.3	4.3
WSW	.2	.2										.4	3.5
W	.1	.1										.2	4.0
WNW	.1	.1										.2	3.5
NW	.1	.2	.3									.6	6.3
NNW	.3	.3	.3									1.0	4.8
VARBL													
CALM												2.0	
	9.8	32.4	41.3	13.7	.9							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 LAUGHLIN AFB TX 70,73-81 ALL WEATHER 1500-1700
STATION STATION NAME YEAR MONTH HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	.4	.3								1.5	7.8
NNE	.1	.2	.5									.9	6.4
NE	.4	.4	.7	.1	.1							1.7	6.9
ENE	.8	1.1	.8	.2								2.8	5.6
E	.8	3.9	4.0	.9								9.6	7.1
ESE	2.0	4.6	10.5	2.9								20.0	8.0
SE	.9	6.9	12.9	5.8								26.4	8.4
SSE	1.5	6.3	11.9	4.8	.2							24.8	6.4
S	.9	2.2	2.7	1.2	.1							7.1	7.5
SSW	.9	.2	.1									1.2	3.2
SW	.4	.3										.6	3.4
WSW	.1		.1									.2	5.0
W		.4										.4	4.8
WNW		.4										.4	4.5
NW	.2	.2	.3	.1								.9	6.8
NNW	.3	.1										.4	2.5
VARBL													
CALM												.9	
	9.3	28.1	48.9	16.8	.4							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 917

3503

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3		.5								1.3	7.3
NNE	.7	1.0	.6	.2								2.6	5.6
NE		.6	.5									1.0	6.8
ENE	.3	.3	.8	.3								1.9	7.6
E	3.4	4.2	3.5	.8								11.9	5.9
ESE	2.2	10.0	11.8	5.1	.5							29.6	7.8
SE	1.5	9.7	10.5	5.1								26.6	7.6
SSE	.7	4.1	5.7	2.6	.1							13.2	7.9
S	.7	2.3	1.5	.2								4.8	5.9
SSW	.6	.3	.1									1.0	3.4
SW	.2	.3	.1									.7	5.3
WSW	.3											.3	2.7
W		.5	.1	.1								.7	7.0
WNW	.2	.1										.3	2.7
NW		.2										.2	5.5
NNW	.1	.2	.2									.6	6.0
VARBL													
CALM												3.1	
	11.5	34.3	35.4	15.0	.6							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

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

122615 STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEAR AUG MONTH
 ALL WEATHER CLASS 2100-2300 HOUR (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.1	.1	.1								.6	6.6
NNE	.6	.4			.1	.1						1.3	6.5
NE	.4	.8	.6	.3	.1							2.1	7.1
ENE	.6	1.0	.1	.1								1.9	4.6
E	5.2	12.7	4.8	.5								23.1	5.0
ESE	5.2	14.3	13.1	4.3	.4							37.2	6.8
SE	1.9	7.5	5.3	2.5	.3							17.5	7.1
SSE	1.1	1.9	1.4	.3								4.7	5.6
S	.6	.8	.1									1.5	4.1
SSW	.3	.3										.5	2.8
SW	.1											.1	2.0
WSW	.1											.1	3.0
W	.1		.3									.4	7.7
WNW		.1	.3	.3								.6	10.0
NW	.1	.1										.3	3.0
NNW		.3	.1									.4	5.3
VARBL													
CALM												7.7	
	16.6	40.3	26.2	8.3	.9	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 795

3504

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEAR

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURLY (L.O.V.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.4	.2	.2								1.1	6.3
NNE	.8	.5	.4	.1	.0	.0	.0					1.8	5.6
NE	.7	.5	.4	.1	.1							1.8	5.6
ENE	1.2	.9	.4	.1	.0	.0		.0				2.7	5.1
E	4.2	7.7	4.0	.6	.0				.0			16.5	5.4
ESE	3.1	11.4	11.6	2.7	.2		.0	.0				29.0	7.0
SE	1.5	7.6	10.1	3.5	.1							22.8	7.6
SSE	1.2	3.6	6.1	2.0	.1							13.0	7.8
S	.9	1.6	1.2	.4	.0							4.1	6.3
SSW	.3	.2	.0									.5	3.5
SW	.1	.1	.0									.3	4.4
WSW	.1	.0	.0									.2	3.3
W	.0	.2	.1	.0								.3	6.1
WNW	.1	.1	.1	.0								.3	5.5
NW	.1	.2	.1	.0								.4	5.0
NNW	.3	.1	.1	.0								.6	4.6
VARBL													
CALM												4.7	
	14.7	35.3	34.7	10.0	.5	.0	.0	.0	.0			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 6695

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.1	.5									3.1	4.6
NNE	2.7	.5	.2									3.5	2.8
NE	.7	.2	.2									1.1	4.0
ENE	.7	1.3	.5	.7								3.3	6.2
E	4.9	10.2	2.9									18.1	4.6
ESE	7.3	14.3	4.6	2.4								28.5	5.5
SE	2.9	7.1	3.7	1.5								15.2	6.1
SSE	.9	1.1	.7	.2								2.9	5.3
S	.7	.5										1.3	3.1
SSW	.5											.5	2.7
SW	.2											.2	2.0
WSW													
W		.4										.4	5.0
WNW	.5	.4	1.1									2.0	5.9
NW	1.3	.4	.4									2.0	3.9
NNW	.4	.5	.2	.2								1.3	5.9
VARBL													
CALM												16.6	
	25.8	38.0	15.0	8.9								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

587

35A5

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEAR

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
GROUP (L.T.V.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	1.2	.3									3.6	3.5
NNE	1.6	.9	.5	.2								3.1	4.3
NE	2.0	.8										2.8	3.0
ENE	2.2	1.4	.5									4.1	3.9
E	10.8	14.0	3.6	.2								28.5	4.2
ESE	4.1	12.8	6.7	.5								24.0	5.6
SE	.6	4.2	3.6	.6								9.0	6.6
SSE	.8		.2	.3								1.2	5.3
S	.3											.3	2.0
SSW													
SW													
WSW													
W	.3											.3	2.0
WNW	.2	.6	.3									1.1	5.3
NW	2.2	1.2	.6									4.1	4.0
NNW	1.4	.3	.6	.2								2.5	4.6
VARBL													
CALM												15.3	
	28.4	37.6	16.8	1.9								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 691

U.S. AIR FORCE
 METEOROLOGICAL BRANCH
 METAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

122515 LAUGHLIN AFB TX 62-70.73-00 SEP
 ALL WEATHER 630-0000
 (MILITARY)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	200	%	MEAN WIND SPEED
N	1.2	1.2	.5	.5								1.3	5.8
NNE	2.8	2.1	.2	.1								5.3	3.8
NE	1.3	.7	.2									2.2	1.7
NNE	2.9	2.5	.2									5.5	3.6
E	8.6	13.0	3.5	.1								25.3	4.5
ESE	2.5	17.2	8.5	.9								21.5	6.2
SE	1.3	3.9	7.8	.9	.1							14.0	7.3
ESE	.4	.2	.9	.6								2.1	2.6
S	.2	.1										.4	2.7
SSE	.1											.1	2.0
SW	.1	.1										.2	3.5
WSW	.1											.1	2.0
W	.5	.1	.1									.7	3.5
WSW	.2	.8			.1	.2						1.4	4.8
SW	.7	1.9	1.2	.8								3.7	6.1
WSW	.5	.5	.8	.8								2.6	4.6
VARIABLE													
CALM												11.5	
	23.8	36.8	24.1	3.8	.2	.2						106.0	6.8

TOTAL NUMBER OF OBSERVATIONS 607

3596

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

22115
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEAR

SEP
MONTH

ALL WEATHER
CLASS

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

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.0	.9	.3	.1							3.6	6.2
NNE	.9	1.5	.1	.1								2.6	4.4
NE	.8	.6	.6									1.9	4.9
NNE	.6	1.0	.5									2.0	4.7
E	2.3	2.9	2.7	.2								8.1	5.7
ESE	2.4	6.3	7.6	1.0								17.3	6.6
SE	2.6	7.8	14.8	3.1								27.9	7.5
ESE	1.7	4.9	8.4	3.2	.1							18.2	7.8
S	1.7	1.1	.7	.2								3.7	4.8
SSW	.1											.1	3.0
SW	.2											.2	2.5
WSW	.2	.2										.5	3.5
W	.1		.1									.2	4.5
WSW	.7	.3	.3		.3							1.4	6.5
SW	.2	.2	1.5	.8								2.7	9.4
WSW	.5	.3	1.4	.8	.2							3.3	9.2
VARIABLE													
CALM												6.1	
	15.6	28.6	39.1	9.7	.8							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 STATION 722615 LAUGHLIN AFB TX STATION NAME 69-70,73-80 YEAR SEP MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.R.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.5	1.1	.1	.1							3.1	6.8
NNE	.4	.4	.4									1.3	5.7
NE	.7	.4	.4	.1								1.7	5.1
NNE	.6	.7	.4	.1								1.8	5.8
E	1.8	2.5	2.3	.3								6.9	5.7
ESE	1.5	5.9	5.0	1.1	.1							13.6	6.9
SE	2.2	6.4	10.7	4.8								24.2	8.0
SSE	2.2	5.9	8.2	5.1								21.5	8.0
S	2.1	3.6	1.6	1.2								8.5	6.1
SSW	.4	.4										1.2	3.7
SW	.7	.1										.8	2.4
WSW	.6	.4										1.0	3.2
W	.2	.2	.2									.7	5.5
WWW	.3	.4	.4	.1	.3							1.7	8.9
NW	.3	.7	1.2	.4	.3							3.0	9.1
NNW	.2	1.3	1.6	1.1	.3							4.6	9.5
VARIABLE													
CALM												4.4	
	14.7	31.3	33.8	14.7	1.2							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 894

3587

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	1.5	.7	.3	.2						5.2	7.9
NNE	.6		.7	.3	.1							1.7	6.1
NE	.5	.3	.5	.1								1.4	5.8
NNE	1.4	.5	.6	.5								2.8	6.1
E	1.5	4.4	2.0	1.0								9.0	6.2
ESE	1.3	3.5	5.0	1.8								11.6	7.3
SE	1.5	4.7	9.9	5.6	.7							22.3	8.9
SSE	1.6	4.3	9.7	5.2								20.8	8.4
S	1.0	1.6	2.4	.5								5.5	6.6
SSW	.7	1.0	.2									1.9	4.1
SW	.7	.5	.1									1.3	3.8
WSW	.7	.7	.1									1.5	3.3
W	.3	.3		.3	.1							1.1	6.0
WNW	.2	.3	.2	.5	.2							1.5	9.5
NW	.3	1.6	1.1	.8	.1							4.0	8.0
NNW	.2	1.1	1.3	.8	.1							3.5	8.1
VARB													
CALM												4.9	
	14.9	26.4	35.3	18.1	1.7	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 LAUGHLIN AFB TX 69-70, 73-80 SEP
STATION MONTHS
ALL WEATHER CLASS 1800-2000
CONDITON TIME (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.1		.1							3.8	5.9
NNE	.6	.6	.4	.4								2.0	6.1
NE	.6	.9	.2	.2								2.0	5.4
ENE	.7	.7	1.5	.6								3.6	7.0
E	3.1	4.2	3.1	1.2								11.5	5.9
ESE	2.9	8.1	5.3	1.7	.1							18.2	6.2
SE	3.3	8.2	6.1	2.1								19.8	6.3
SSE	2.2	6.6	4.3	2.1								15.2	6.6
S	2.7	1.6	.6	.1								5.0	4.1
SSW	1.2	.1	.1									1.5	3.3
SW	.9											.9	2.3
WSW	.2											.2	2.0
W	.4	.2										.6	3.2
WNW	.4	1.2	.7	.5								2.8	7.1
NW	.7	.9	.4	.2								2.2	5.3
NNW	.6	.6	.7	.7								2.7	7.4
VARBL													
CALA												8.1	
	21.8	35.3	24.5	9.9	.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 815

3588

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH
 2100-2300
HOUR (L.G.T.)

ALL WEATHER
CLASS

ORIGIN

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	.9	.5									2.5	4.5
NNE	1.6	.7	.9									3.2	4.5
NE	1.6	1.6	.3	.1								3.6	4.1
ENE	.9	1.5	.7	.5								3.6	5.9
E	4.7	8.5	2.7	.4								16.2	5.0
ESE	4.8	11.6	7.3	.9	.1							24.7	5.7
SE	2.9	6.4	5.5	1.7	.1							16.6	6.6
SSE	1.5	1.9	1.5	.1	.1							5.1	5.6
S	1.1	.9	.5									2.5	4.3
SSW	.3	.1	.1									.5	4.8
SW	.4			.1								.5	5.3
WSW	.1	.1										.3	3.0
W	.7	.1	.1									.9	3.4
WNW	.4	.5	.7	.3								1.9	6.8
NW	1.3	.4	.7	.5								2.9	6.1
NNW	.4	.5	.4									1.3	5.3
YARBL													
CALM												13.5	
	23.7	35.8	21.8	4.8	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 752

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 22615 LAUGHLIN AFB TX STATION NAME 69-70.73-80 YEARS SEP
 MONTHS
 CLASS ALL WEATHER
 CONDITION ALL
 MOON (L.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	.8	.2	.1	.0						3.6	5.9
NNE	1.3	.9	.4	.1	.0							2.8	4.6
NE	1.0	.7	.3	.1								2.1	4.4
ENE	1.2	1.2	.6	.3								3.3	5.2
E	4.4	7.0	2.8	.5								14.8	5.0
ESE	3.1	6.6	6.3	1.2	.0							19.2	6.2
SE	2.2	6.1	8.2	2.7	.1							19.3	7.4
SSE	1.5	3.9	4.6	2.3	.0							11.8	7.6
S	1.3	1.3	.8	.3								3.7	5.3
SSW	.4	.3	.1									.8	3.7
SW	.4	.1	.0	.0								.5	3.2
WSW	.3	.2	.0									.5	3.2
W	.3	.2	.1	.0	.0							.6	4.9
WNW	.3	.6	.4	.2	.1	.0						1.7	7.7
NW	.8	.9	.9	.4	.1							3.1	6.8
NNW	.5	.7	.9	.6	.1							2.8	8.0
VARBL													
CALM												9.4	
	20.2	33.3	27.8	9.0	.6	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 6259

3549

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

702415
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.3	1.4	.5								6.9	5.1
NNE	4.7	1.9	.5	.5								7.6	4.0
NE	1.9	.5	.5									2.9	3.7
ENE	1.6	.2	.5									2.3	3.8
E	5.9	7.5	.7		.2							14.2	4.0
ESE	5.9	8.7	5.4	.3								20.3	5.0
SE	3.6	6.2	4.3	2.8	.2							17.2	6.7
SSE	.3	.7	.3	.2	.2							1.9	6.9
S	.7	.2	.2									1.3	3.7
SSW	.2	.3										.5	3.7
SW													
WSW		.2										.2	3.0
W	.5	.3	.2									1.0	3.8
WNW	.9	.5	.2									1.6	3.4
NW	.5	1.9	.7									3.1	5.0
NNW	.7	.7	.5									1.9	5.0
VARBL													
CALM												17.3	
	30.2	32.2	15.9	4.3	.5							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 577

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

122015 STATION LAUGHLIN AFB TX 69-70,73,75-80 1967
 STATION NAME YEARS MONTHS
 ALL WEATHER CLASS 300-100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.6	.9	.9	.2							7.3	5.3
NNE	4.2	2.1	.3		.2	.2						7.0	4.7
NE	2.0	.6	.3	.2								3.0	4.1
ENE	.9	1.5	.3									2.7	4.1
E	5.0	12.7	2.7	.6								24.1	4.5
ESE	4.7	10.2	4.4	.8								20.0	5.3
SE	1.4	2.6	4.8	.6								9.4	6.6
SSE	.3	.2	2.0	.6	.5							3.5	4.6
S		.2	.3									.5	7.3
SSW	.2		.2									.3	5.5
SW													
WSW													
W	.8	.3		.2								1.2	4.0
WNW	.2	.6	.6									1.4	6.2
NW	.2	2.7	.9									3.0	5.3
NNW	.8	.8	1.1	.8								3.3	7.1
VARBL													
CALM												10.7	
	26.3	36.2	18.8	4.5	.8	.2						104.8	4.4

TOTAL NUMBER OF OBSERVATIONS 1048

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 LAUGHLIN AFB TX 69-70,73-80 OCT
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	1.4	.7	.2								4.6	4.3
NNE	2.9	1.6	.2	.2	.1							5.0	3.9
NE	1.9	.9	.2	.1								3.2	3.6
ENE	2.1	.9	.2	.1								3.3	3.5
E	6.5	11.4	3.6	.6								22.0	4.7
ESE	2.3	9.7	5.7	.8								18.6	6.1
SE	.8	2.8	5.5	1.4								10.4	7.5
SSE	.1	.9	2.1									3.1	7.3
S	.3	.6	.6	.1								1.6	5.9
SSW	.2	.1										.3	3.0
SW	.1	.1										.2	3.5
WSW	.1											.1	3.0
W	.5	.1	.1									.7	3.5
WNW	.7	2.4	.2									3.3	4.5
NW	1.6	2.1	.8	.3								4.8	5.2
NNW	.9	1.7	1.5	1.1	.5	.1						5.8	6.7
VARBL													
CALM												12.7	
	23.4	36.7	21.4	5.0	.6	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 672

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 722615 LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 69-70, 73-80 MONTH DCI
 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	1.0	1.3	2.0	.6	.1	.2						5.2	7.6
NNE	.7	.8	.3	.2								2.0	5.3
NE	.6	.9	.3									1.8	4.4
ENE	.4	.1	.3	.1								1.0	6.2
E	.7	2.8	2.0	1.1								6.5	7.1
ESE	1.2	4.7	5.7	1.4								13.1	7.1
SE	1.7	7.2	10.8	4.3	.1							24.0	7.7
SSE	1.3	4.6	9.5	3.1	.1							18.6	8.1
S	.4	1.4	2.1	.7								4.6	7.4
SSW	.2	.4	.1									.8	4.7
SW	.3											.3	2.0
WSW	.1	.2										.3	4.0
W	1.2	.6	.4	.2								2.4	4.6
WNW	1.9	.6	.1	.1								2.6	3.6
NW	.1	.7	1.2	.4		.1						2.5	9.1
NNW	.9	1.1	2.1	2.8	.6	.1						7.5	9.7
VARBL													
CALM												6.8	
	12.7	27.3	37.0	15.0	.9	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 909

3510

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

0CT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	1.5	1.3	.3							5.4	8.2
NNE	.7	.3	.2									1.2	4.3
NE	.5	.2	.2									1.0	4.4
ENE	.1	.7	.3		.1							1.2	6.4
E	.7	1.5	.9	.1								3.2	5.4
ESE	.9	2.2	4.1	1.5	.1							8.8	7.7
SE	1.3	4.7	8.2	5.0								19.2	8.3
SSE	1.4	4.8	11.9	6.8	.5							25.4	9.1
S	1.2	3.1	4.5	2.0	.1							13.8	7.6
SSW	.3	.8	.7									1.7	5.6
SW	.7	.4										1.1	3.2
WSW	.7	.4	.3									1.4	3.9
W	.1	.7	.3	.1								1.6	5.4
WNW	.5	.5	.5			.1						1.7	6.6
NW	.7	1.6	.9	.9		.2						4.2	7.9
NNW	.2	1.7	2.5	2.6	.5	.4						8.1	10.8
VARIABLE												3.9	
CALM												3.9	
	11.3	24.9	37.0	20.3	1.7	.8						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX

STATION NAME

69-70.73-80

YEARS

OCT

MONTH

ALL WEATHER
CLASS

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

ORIGIN

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.7	2.5	2.2	.3							7.5	9.0
NNE	.1	1.0	.6	.1								1.8	6.4
NRE	.1	.6	.1	.2								1.0	6.4
ENE	.3	.7	.3									1.3	4.6
E	1.3	1.8	1.1	.2								4.4	5.3
ESE	1.1	3.2	3.3	1.7								9.2	7.1
SE	1.2	5.3	9.6	4.1	.1							20.2	8.4
SSE	1.2	4.2	10.3	6.5	.7							22.9	9.2
S	1.3	3.0	5.0	2.2	.1							11.6	7.7
SSW	.4	.2	.2									.9	4.5
SW	1.0	.3										1.3	2.6
WSW	.4	.4	.1									1.0	3.8
W	.8	.9	.4									2.1	4.4
WNW	.3	.4	.1	.3		.2						1.4	10.1
NW	.2	1.0	1.2	.6		.2						3.2	9.0
NNW	.7	2.4	1.7	1.0	.2	.3						6.3	8.2
VARL													
CALM												4.0	
	11.3	27.0	36.5	19.0	1.4	.8						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

909

3512

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

3CT
MONTH

ALL WEATHER
CLASS

1800-2000
ZONE (L.O.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	1.9	1.4	.2							6.5	7.4
NNE	.9	.8	.4	.5								2.6	5.7
NE	.6	.5	.5									1.5	5.3
ENE	.5	.4	.5	.4								1.7	6.4
E	3.1	3.6	1.4	.1								6.2	4.5
ESE	4.7	8.2	3.7	.7								17.3	5.2
SE	4.7	7.9	4.4	.9								16.0	5.5
SSE	3.4	5.2	3.1	1.4								13.1	5.8
S	1.8	2.7	1.7	.1								6.3	4.9
SSW	1.1	.6										1.7	3.3
SW	.9	.4										1.3	2.5
WSW	.6	.5	.1	.1								1.3	4.5
W	.6	1.3	.4	.1								2.4	5.2
WNW	.4	.9	.4									1.7	3.3
NW	1.1	1.7	.5	.1	.1							3.4	5.2
NNW	.7	1.2	1.2	.4	.1							3.6	6.9
VARBL													
CALM												9.6	
	26.3	37.5	19.9	6.3	.5							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 845

FEDERAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/440C

SURFACE WINDS

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

0015 LA GD LIN AFB TX 69-70.73-ND OCT
 ALL WEATHER
 2100-2300
 (L.V.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	2.2	1.1	1.1	.6							7.7	6.9
NNE	2.6	2.1	.5	.1								5.2	3.9
NE	1.8	.5	.5									2.8	4.1
NNE	1.1	.3	.6	.1								2.2	4.8
E	4.7	4.5	2.2	.5								11.9	4.6
ENE	5.3	8.6	4.1	1.3	.1							20.3	5.3
E	5.2	7.8	2.9	1.1	.1							17.0	5.2
ESE	2.2	4.1	.5									6.6	4.3
S	2.4	.9	.3	.1								3.7	3.6
SSE	.4		.1									.5	3.8
SW	.1	.5										.6	4.2
WSW	.3	.1										.9	3.0
W	.1	.1	.3									.5	5.8
WSW	.4	.3	.3		.1							1.0	6.3
NW	.1	.8		.1								1.0	5.3
NWN	.5	.9	.5	.4								2.3	6.6
VARS													
CALM												16.2	
	10.8	11.5	11.8	5.0	1.0							106.0	6.3

TOTAL NUMBER OF OBSERVATIONS 783

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

22415
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
GROUP (L.S.T.)

OBSERVATION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥64	%	MEAN WIND SPEED
N	1.7	1.7	1.5	1.1	.2	.0						6.3	7.0
NNE	1.9	1.3	.4	.2	.0	.0						3.7	4.4
NE	1.1	.6	.3	.1								2.1	4.3
NNE	.8	.6	.4	.1	.0							1.9	4.7
E	3.6	5.3	1.8	.4	.0							11.2	4.8
ESE	3.1	6.6	4.5	1.1	.0							15.4	6.0
SE	2.4	5.6	6.6	2.6	.1							17.2	7.2
SSE	1.3	3.3	5.4	2.6	.2							12.9	8.1
S	1.1	1.6	2.0	.7	.0							5.4	6.7
SSW	.4	.3	.2									.9	4.4
SW	.4	.2										.7	2.9
WSW	.3	.2	.1	.0								.6	4.0
W	.6	.6	.3	.1								1.5	4.7
WNW	.7	.8	.3	.1	.0	.0						1.9	5.5
WW	.6	1.4	.8	.3	.0	.1						3.3	6.6
WNW	.7	1.4	1.5	1.2	.3	.1						5.1	8.8
VARBL													
CALM												9.8	
	22.7	31.6	26.0	10.6	1.0	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 6473

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

222615 STATION LAUGHLIN AFB TX STATION NAME 69-70.75-80 MOON NOV
 CLASS ALL WEATHER OBSERVATION 0000-0200
 (GOOD (L.S.V.))

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.0	2.7	1.2	3.0	.2							12.0	6.8
NNE	4.0	3.0	.8									7.8	3.7
NE	.7	1.2										1.8	3.8
NNE	1.7	1.8	.2	.3								4.0	4.4
E	6.5	7.3	1.0	.3								15.1	4.1
ESE	3.8	7.3	3.5	1.8								16.5	5.9
SE	1.5	4.2	2.7	1.2								9.5	6.5
SSE	.5	1.0	.5	.2								2.2	5.6
S	.5											.5	2.3
SSW	.3											.3	2.5
SW		.2										.2	4.0
WSW	.3	.2										.5	3.7
W	.3	.3	.3									1.4	5.0
WNW	.2	2.0	.5	.2								2.8	5.5
NW	.8	1.7	.8	.7								4.0	6.5
NNW	.7	1.5	1.7	.2	.2							4.2	6.7
VARB													
CALM												17.6	
	26.8	34.3	13.1	7.8	.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 601

3514

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

172415
DATE

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEAR

NCV
OFFICE

ALL WEATHER
CLASS

0300-0500
GROUP (L&T)

SPEED (KNOTS) DIRECTION	1-3	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	1.0	1.9								6.9	6.0
NNE	3.3	3.6	.7	.2								7.8	4.2
NE	1.0	1.6	.9									3.5	4.7
NNE	3.5	1.0	.2	.2								4.9	3.2
E	3.0	10.6	2.3									15.6	4.8
ESE	1.7	4.7	4.2	.5								11.1	6.0
SE	1.2	3.1	3.5	1.2								9.0	7.1
SSE	.3	1.0	1.0	.3								2.8	6.9
S	.3	.3	.2									.9	4.2
SSW	.2	.3										.5	3.0
SW													
WSW		.2										.2	4.0
W	.3	.7										1.0	3.7
WWW	1.4	2.1	.2									3.6	4.0
NW	1.0	3.1	1.2	.5	.2							6.1	6.1
NNW	1.2	1.9	1.7	1.6	.9							7.3	6.6
VARIABLE													
CALM												16.7	
	22.2	36.6	17.0	6.9	1.0							130.0	4.7

TOTAL NUMBER OF OBSERVATIONS 576

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 69-70, 73-80 NAVY NOV
 CLASS ALL WEATHER MODEL (L.S.V.) 2600-2800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	1.2	1.3	1.1	.1							6.9	5.8
NNE	1.9	2.5	.2	.4								5.0	4.4
NE	1.2	1.0	.2	.2								2.6	4.4
NNE	1.6	2.1		.1								4.0	4.0
E	5.1	7.3	1.4									13.8	4.3
ESE	2.1	5.7	3.6	.4								11.8	5.7
SE	1.6	3.5	2.6	1.1								8.1	6.8
SSE	.7	1.3	1.4	.1								3.6	6.2
S	.1	.2	.2									.9	6.4
SSW	.1											.1	2.0
SW	.1											.1	1.0
WSW	.1	.1										.2	3.0
W	1.6	.8	.2									2.0	4.1
WW	1.4	2.1	.8	.4	.1							4.8	5.9
WNW	2.7	3.3	2.9	1.1	.1							9.4	6.5
NNW	1.9	1.4	1.8	2.0	.6							7.7	6.3
VARBL													
CALM												19.2	
	23.8	32.5	14.8	6.8	1.0							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 340

345

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

STATION NO. 02015 STATION NAME LAUGHLIN AFB TX YEARS 69-70, 73-80 NLG
 CLASS ALL WEATHER GROUP (L.S.T.) 0906-1100
 LOCATION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.0	2.0	2.1	.6							7.3	9.1
NNE	1.2		.5	.2								1.8	3.0
NE	.9	.6	.2	.1								1.8	4.1
ENE	.3	.6	.2									1.2	5.7
E	1.4	2.1	1.4	.2								5.1	5.6
ESE	1.2	6.0	4.0	.9								12.1	6.5
SE	2.8	5.7	8.8	1.7								18.9	6.9
SSE	1.5	2.7	5.1	2.7								11.9	7.6
S	.6	.5	.5	.1								2.3	3.5
SSW	.3	.2										.6	3.0
SW	.8	.5	.1									1.4	3.2
WSW	.6	.2										.7	2.0
W	1.3	1.4	.5									3.1	4.0
WNW	1.0	1.4	1.0	1.4	.3							5.2	8.4
NW	.6	1.6	2.2	1.3	.3							6.0	8.5
NNW	.7	.8	2.0	3.1	1.8	.1						8.5	11.6
VARIABLE													
CALM												12.5	
	15.7	6.4	28.4	13.8	3.1	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 867

FEDERAL BUREAU OF SURVEILLANCE
 METEOROLOGICAL SERVICE/MAO

SURFACE WINDS

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

STATION 12215 WALGHLIN AFB TX STATION NAME 69-70,73-80 YEARS 69
 CLASS ALL WEATHER MONTHS 1250-1400
 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	.6	1.6	2.8	1.8	.2	.1						7.3	8.8
NNE	.4	.3	.4	.2								1.5	6.5
NE	.7	.1	.1									.9	3.4
ENE	.4											.4	2.0
E	.7	1.2	.6	.2								2.5	5.4
ESE	1.2	2.7	3.0	.3								7.3	6.2
SE	1.7	4.7	8.3	3.3								18.0	7.8
SSE	1.7	4.5	8.1	5.6	.3							20.2	6.7
S	.5	2.9	2.6	.8	.1							7.0	7.0
SSW	.6	.4										1.0	3.6
SW	.2	.2	.2									.7	4.0
WSW	.9	.4										1.3	2.6
W	1.2	.4	.1	.1								1.9	3.9
WNW	.2	1.1	1.6	.4	.2							3.6	8.4
NW	.6	1.1	2.2	2.5	.8	.1	.1					7.4	10.9
NNW	.7	2.9	2.7	3.6	1.6	.4						11.9	10.7
VARBL													
CALM												7.2	
	12.6	24.6	32.8	18.9	3.3	.7	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 591

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 72515 STATION NAME: LAUGHLIN AFB TX YEARS: 69-70, 73-80 NAVY CODE: 1500-1700
 CLASS: ALL WEATHER
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.7	4.4	2.1	.3							9.2	6.9
NNE	.2	.9	.6	.1								1.8	7.0
NE	.2	.2	.4									.9	6.5
ENE	.4	.2										.7	2.5
E	1.1	2.7	.7									3.8	4.9
ESE	1.2	2.5	4.8	.3								6.9	6.5
SE	1.1	6.7	9.1	3.0								20.0	7.7
SSE	1.1	5.1	7.2	4.7	.3							16.4	6.5
S	.9	1.6	2.2	.6	.2							5.0	7.2
SSW	.4	.4	.1									1.0	3.8
SW	.7	.2										.9	2.4
WSW	.8	.2										1.0	2.9
W	.4	.3	.4	.1								1.3	6.0
WWW	.3	.3	1.0	.7								2.3	7.8
NW	.1	1.1	2.6	2.2	.1	.1						6.3	9.9
NNW	.2	2.6	3.4	3.0	1.5	.2	.3					11.2	11.2
VARBL													
CALM												6.2	
	9.6	26.8	37.1	16.9	2.5	.3	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 891

AL CLIMATOLOGY BRANCH
 AFSTAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAUGHLIN AFB TX STATION NAME 62-70,73-RU YEARS 1957
 MONTH 18, 19-2000
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.0	2.0	2.1	.4							1.4	7.2
NNE	1.1	1.3	.6	1.0								4.0	6.3
NE	.4	.5										.9	4.1
ENE	1.0	.5	.1									1.7	3.5
E	3.9	4.5	.4	.1								6.9	3.7
ESE	4.4	7.7	2.1	.1								14.3	4.0
SE	4.1	3.5	3.5	.2								16.5	5.1
SSE	2.3	2.4	.9	.5								6.1	5.0
S	1.6	2.2	.1									3.9	3.6
SSW	1.2	1.2										2.4	3.2
SW	.6	.7										1.3	3.4
WSW	1.0	.5										1.5	2.8
W		2.0	.1									2.1	4.5
WNW	1.0	1.5	.5									2.0	4.5
NW	1.1	1.6	.9	.6	.1							4.3	6.6
NNW	.6	1.5	2.6	1.5		.4						6.5	9.2
VARBL													
CALM												1.4	
	6.5	40.5	13.7	6.1	.5	.4						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 42

GLOBAL CLIMATOLOGY BRANCH
 AFM/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 702615 LAUGHLIN AFB TX STATION NAME 69-70,73-80 YEARS NOV
STATION NAME YEARS MONTH

ALL WEATHER CLASS 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	4.0	3.8	1.5	1.9								11.2	5.5
NNE	2.2	3.8	.8	.3								7.0	4.8
NE	1.6	.4	.3	.1								2.4	4.3
ENE	1.6	1.1										2.7	3.1
E	5.5	6.1	.7		.1							12.4	4.0
ESE	5.8	7.1	2.6	1.1	.3							16.8	5.3
SE	2.6	7.1	1.5	.7								11.8	5.2
SSE	.9	.7	1.2	.3								3.1	5.8
S	.3	.3										.5	3.3
SSW	.1	.9										1.1	4.1
SW	.3		.1									.4	4.0
WSW	.5	.5										1.1	3.1
W	.5	.7	.1									1.3	4.0
WNW	.7	1.2	.5									2.4	5.0
NW	1.1	.9	.9	1.1								4.0	7.3
NNW	1.2	1.6	1.5	.8	.1	.3						5.5	7.7
VARBL													
CALM												16.2	
	28.9	36.2	11.7	6.2	.5	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 743

FEDERAL CLIMATOLOGY BRANCH
AFAC
47 WEATHER SERVICE/MAC

SURFACE WINDS

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

722515 DAUGHTLIN AFB TX

69-70, 77-80

NCV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.A.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.3	2.4	2.1	2.0	.2	.0						5.0	7.2
NNE	1.6	1.7	.6	.3								4.3	4.9
NE	.8	.6	.3	.1								1.3	4.4
ENE	1.2	.9	.1	.1								2.2	3.7
E	3.2	4.7	1.0	.1	.0							9.0	4.4
ESE	2.6	5.3	3.5	.6	.0							12.1	5.7
SE	2.0	5.6	5.3	1.6								14.5	6.7
SSE	1.2	2.5	3.5	2.0	.1							9.3	7.8
S	.6	1.1	.8	.2	.0							2.8	6.1
SSW	.4	.5	.0									.9	3.4
SW	.4	.2	.1									.7	3.2
WSW	.5	.3										.9	2.8
W	.7	.9	.2	.0								1.8	4.4
WNW	.8	1.5	.8	.4	.1							3.6	6.5
NW	.9	1.8	1.8	1.3	.2	.0	.0					6.1	8.1
NNW	.9	1.9	2.2	2.1	.9	.2	.0					8.1	9.9
VARBL													
CALM												13.0	
	20.2	31.8	22.3	10.9	1.6	.2	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 6229

3518

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

72415
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.5	2.9	1.8	1.1								10.3	5.3
NNE	5.5	4.2	.5	.3	.3							10.6	4.1
NE	2.1	1.0										3.1	3.1
ENE	2.7	1.5										4.2	2.9
E	5.2	7.4	1.6									14.2	4.2
ESE	2.9	6.6	3.4	.6								13.5	5.5
SE	1.6	3.7	2.6	.5								8.4	5.9
SSE	.3	.8		.2								1.3	4.9
S	.2	.2										.3	3.5
SSW	.2	.2										.3	3.2
SW	.5											.5	2.0
WSW	.2											.2	2.0
W	.6	.8		.2								1.6	5.1
WNW	1.5	1.9	.5		.2							4.0	4.7
NW	.8	3.1	1.3	.2								5.3	5.6
NNW	.6	1.9	2.6	2.6								7.7	8.6
VARBL													
CALM												14.2	
	29.4	36.1	14.2	5.6	.5							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 620

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722415 STATION LAUGHLIN AFB TX STATION NAME 69-70.75-60 YEARS DEC MONTH
 ALL WEATHER CLASS 0300-0500 GROUP (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.4	2.4	2.2	1.0	.2							11.1	5.5
NNE	3.2	3.5	1.0	.5								8.3	4.5
NE	2.0	1.7	.2	.2								4.0	3.8
ENE	2.2	1.2										3.4	3.1
E	4.4	7.8	2.5									14.7	4.7
ESE	.7	8.3	2.9	.7								12.5	6.0
SE	1.0	2.5	2.0	.3								5.9	5.9
SSE		.5	.2	.2								.6	7.2
S	.3											.3	2.0
SSW	.2											.2	2.0
SW	.3											.3	2.0
WSW	.2		.2									.3	5.0
W	.7	1.5	.3									2.5	4.6
WNW	1.5	3.7	1.0									6.2	4.9
NW	1.5	3.5	.8	.7								6.6	5.4
NNW	1.0	2.4	2.5	2.5								8.4	8.1
VARBL													
CALM												14.3	
	28.6	39.0	15.9	6.1	.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 593

3519

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702615 STATION 702615 LAUGHLIN AFB TX STATION NAME 69-70,73-80 YEARS DEC MONTHS
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	1.9	.8	.8	.2							6.5	5.0
NNE	4.1	2.5										6.6	3.0
NE	1.4	.1	.5									2.0	3.9
ENE	2.2	1.1										3.2	2.8
E	3.2	6.9	1.0	.1								11.2	4.4
ESE	1.9	5.2	4.2	.2								11.5	5.7
SE	1.0	2.4	2.2	.4								5.9	6.2
SSE	.4	.1	.6	.2								1.3	7.6
S	.1	.2	.1									.5	5.5
SSW	.1											.1	2.0
SW	.4	.1										.5	2.0
WSW			.1									.1	10.0
W	.5	.8	.4									1.7	4.9
WWW	1.0	4.3	1.8	.1	.1							7.3	5.9
NW	1.7	4.1	2.3	.6	.5	.2						9.4	7.0
NNW	1.9	2.5	2.0	3.0	.6							10.1	8.3
VARBL													
CALM												20.0	
	24.5	32.3	16.0	5.5	1.4	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 832

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 LAUGHLIN AFB TX 69-70,73-80 DEC
STATION STATION NAME YEARS MONTHS
 ALL WEATHER
CLASS
 5930-1104
GROUP (L.S.V.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	1.1	1.6	.5							5.7	8.6
NNE	1.1	.6										1.7	3.2
NE	.6	.5										1.0	3.1
ENE	.6	.3										.9	2.5
E	.8	2.4	.2									3.4	4.3
ESE	2.2	3.7	4.3	.5								10.7	6.1
SE	2.6	4.5	7.4	1.6								16.1	7.0
SSE	1.9	3.2	3.4	.9								9.4	6.5
S	.8	1.7	.2									2.7	4.0
SSW	.5	.1										.6	2.2
SW	.1	.2										.3	3.3
WSW	.7	.1										.8	2.0
W	1.7	.8	.3									2.8	3.8
WNW	1.5	3.4	1.8	.3			.2					7.3	6.3
NW	1.5	2.2	3.2	3.0	.3	.1	.1	.1				10.5	9.3
NNW	1.0	1.5	3.6	5.3	.8		.1					12.4	10.6
VARBL													
CALM												13.6	
	14.5	26.7	25.7	13.2	1.6	.1	.5	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 882

3520

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615

LAUGHLIN AFB TX

69-70,73-80

DEC

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.T.V.)

CONDITION

SPEED (KNTS) DIR.	1-3	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	1.6	1.4	.3							3.9	10.5
NNE	.1		.3	.1								.6	7.8
NE	.3	.1	.2									.7	5.0
ENE	.2											.2	2.5
E	1.7	.8	.3									2.1	4.4
ESE	2.0	2.7	3.4	.7								8.7	6.3
SE	2.1	5.6	8.2	1.2	.3							17.5	7.1
SSE	1.6	3.3	6.0	2.2	.4							13.5	7.9
S	1.9	2.1	2.3	.7								7.0	6.0
SSW	.2	.2										.4	3.0
SW	.2	.4										.7	3.7
WSW	.3	.4										.8	3.1
W	1.6	1.2	.9									3.7	4.4
WNW	.2	2.3	2.9	.9	.2		.1	.1				7.4	8.2
NW	.2	1.9	3.2	4.2	.6	.3	.1					10.5	10.9
NNW	.6	2.1	4.1	6.9	.9	.1						14.6	11.0
VARB													
CALM												7.8	
	13.5	23.5	33.4	18.3	2.8	.4	.2	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

903

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722615 STATION LAUGHLIN AFB TX STATION NAME 69-73,73-80 YEARS DEC MONTH 1500-1700 HOUR (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.7	2.3	2.5	.6	.3						7.6	10.6
NNE	.1	.2	.4	.2								1.0	8.0
NE	.2	.1	.4									.8	6.9
ENE	.3		.1									.4	3.3
E	.9	2.0	.3									3.2	4.6
ESE	.9	3.7	4.8	.7								10.1	6.9
SE	1.8	5.1	8.7	2.1	.1							17.9	7.5
SSE	1.3	4.5	6.8	2.5	.2							15.3	7.8
S	1.5	2.1	2.0	.7								6.3	6.3
SSW	.6	.6	.1									1.2	3.7
SW	.1	.2	.1									.4	4.5
WSW	.2		.1									.3	4.0
W	.8	.7	.4	.1								2.0	4.7
WNW	.4	1.0	1.8	1.1	.2	.3						4.9	9.7
NW	.7	2.6	3.2	1.5	.6	.3						8.8	9.2
NNW	.7	1.7	3.7	5.6	.4							12.1	10.4
VARIABLE													
CALM												7.5	
	10.7	26.2	35.6	16.9	2.1	1.0						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 894

3521

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

222615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DLC
MONTH

ALL WEATHER
CLASS

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

COMMENTS

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.1	3.0	2.6	1.5	.4							8.5	7.7
NNE	.5	1.0	.2	.4								2.1	5.4
NE	.5	.5										1.1	3.6
NNE	1.6	.1										1.7	2.5
E	3.2	4.0	1.9	.1								9.1	4.7
ESE	4.0	6.4	3.6	.1								14.1	5.0
SE	2.9	7.9	2.3									13.1	4.3
SSE	2.7	2.3	.7	.1								5.7	4.3
S	1.6	2.7										4.3	3.6
SSW	1.0	1.7										2.7	3.6
SW	.4	.5										.9	3.6
WSW	.7											.7	2.0
W	.9	1.2	.2									2.3	4.0
WNW	.7	2.2	.5	.4								3.8	5.7
NW	.6	2.8	1.9	.4	.1							5.8	6.7
NNW	.7	2.0	2.1	2.5	.5	.1						7.9	9.1
VARB													
CALM												15.9	
	22.5	38.9	16.1	5.4	1.0	.1						120.0	4.6

TOTAL NUMBER OF OBSERVATIONS 609

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

022015 LAUGHLIN AFB TX 69-7J,73-80 DEC
 STATION STATION NAME YEAR MONTHS
 ALL WEATHER
 CLASS
 2100-2400
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	1.7	1.3	1.5	.3							8.7	5.9
NNE	5.4	4.3	.9	.3								10.8	4.0
NE	2.7	1.6	.1									4.4	3.3
NNE	1.7	1.1	.3									3.1	3.7
E	4.1	5.4	.4	.3								10.2	3.9
ESE	3.5	3.8	2.8	.1								15.3	4.9
SE	1.9	6.3	2.3	.5								11.0	5.4
SSE	1.6	2.1	.4	.1								4.3	4.3
S	1.2	.3	.1									1.6	3.2
SSW	.1											.1	3.0
SW	.1											.1	1.0
WSW													
W	.5	.3	.3									1.1	4.5
WNW	.7	.8	.8									2.3	5.1
NW	1.1	2.5	1.3	.1								5.1	5.7
NNW	1.6	1.9	2.7	1.7	.4							6.3	6.0
VARBL													
CALM												13.7	
	10.1	37.1	13.8	4.7	.7							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 747

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72615 STATION LAUGHLIN AFB TX 69-70,73-80 YEARS DEC MONTH
ALL WEATHER CLASS ALL HOURS (L.R.T.) CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	1.0	1.7	1.5	.3	.0						7.8	7.2
NNE	2.3	1.8	.4	.2	.0							4.7	4.1
NE	1.1	.6	.2	.0								2.0	3.7
ENE	1.3	.6	.0									2.0	3.0
E	2.6	4.3	.9	.1								7.9	4.4
ESE	2.2	5.4	3.7	.4								11.9	5.7
SE	1.9	4.7	4.8	.9	.1							12.5	6.5
SSE	1.2	2.3	2.5	.9	.1							7.1	6.9
S	1.0	1.3	.7	.2								3.2	5.2
SSW	.4	.4	.0									.7	3.3
SW	.3	.2	.0									.5	3.1
WSW	.3	.1	.0									.4	3.0
W	.9	.9	.4	.0								2.3	4.4
WNW	1.0	2.5	1.5	.4	.1	.0	.0	.0				5.5	6.7
NW	1.7	2.3	2.3	1.4	.3	.1	.0	.0				8.0	8.2
NNW	1.0	2.0	3.0	4.0	.5	.0	.0					10.5	9.6
VARBL													
CALM												13.2	
	21.0	31.8	22.2	10.0	1.4	.3	.1	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 6275

LOCAL CLIMATOLOGY BRANCH
 AFAC
 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LANGHLEN AFB TX YEARS 69-70, 73-81 ALL MONTHS
 CLASS ALL WEATHER 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	1.5	1.4	1.2	.2	.1						3.6	7.5
NNE	1.3	1.1	.4	.2	.2	.0	.0					3.1	5.0
NE	.8	.7	.3	.1	.2	.0						1.9	4.6
ENE	1.3	.8	.3	.1	.0	.0		.0				2.2	4.5
E	2.7	5.3	2.8	.6	.2	.0			.0			11.5	5.5
ESE	2.3	6.1	3.7	2.7	.1	.0	.0	.0				19.8	7.3
SE	1.5	5.5	3.4	4.1	.2	.0	.0					19.9	6.2
SSE	1.1	2.7	4.3	2.3	.2	.0						19.5	8.2
S	.9	1.2	1.0	.4	.0	.0						3.4	6.2
SSW	.7	.3	.1	.0	.0							.7	3.9
SW	.3	.2	.0	.0	.0							.4	3.6
WSW	.2	.2	.0	.0	.0							.5	3.6
W	.4	.4	.2	.0	.1	.0						1.1	4.9
WNW	.5	.9	.5	.2	.1	.0	.0	.0				2.3	7.0
NW	.6	1.2	1.0	.7	.2	.1	.0	.0				3.7	8.2
NNW	.6	1.2	1.4	1.5	.4	.1	.0	.0				4.9	9.5
VARBL													
CALM												6.4	
	15.9	29.7	30.1	14.0	1.5	.3	.0	.0	.0			100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 77392

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

SURFACE WINDS

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

72215 STATION LAUGHLIN AFB TX STATION NAME 69-75,73-51 YEAR ALL MONTH

INSTRUMENT

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

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.6	.5	.4	.1	.0						2.3	6.5
NNE	.5	.3	.3	.1	.0							1.2	5.4
NE	.8	.4	.2	.0	.0							1.1	4.6
ENE	.5	.7	.3	.1		.0		.0				1.7	5.3
E	1.6	3.7	2.7	.5	.0	.0			.0			5.7	6.2
ESE	1.8	7.6	12.0	3.6	.1		.0	.0				25.1	7.7
SE	1.3	7.4	15.2	5.2	.0							29.5	8.1
SSE	1.0	2.5	4.8	1.1	.0							9.4	7.5
S	.5	.0	.6	.2		.0						2.2	6.2
SSW	.2	.2	.0	.0								.3	5.9
SW	.2	.1	.0		.0							.3	4.2
WSW	.2	.1	.0									.3	3.5
W	.5	.6	.2	.1		.0						1.9	4.5
WNW	.6	.9	.6	.3	.1	.0						2.5	6.8
NW	.5	1.0	1.0	.4	.0	.0						3.3	7.1
NNW	.5	.6	.8	.8	.2	.0						2.9	8.7
VARBL													
CALM												7.8	
	11.0	27.6	39.3	12.7	.5	.2	.0	.0	.5			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7977

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 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 ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72261
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	15.4	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.0
IVW 18000 16000	15.9	60.6	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.6
IVW 14000 12000	15.9	64.6	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.6
IVW 10000 9000	16.1	68.3	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.3
IVW 8000 7000	16.1	69.3	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.3
IVW 6000 5000	16.1	69.8	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7
IVW 4500 4000	16.2	71.1	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.3
IVW 3500 3000	16.6	73.3	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6
IVW 2500 2000	16.6	76.0	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.5
IVW 1800 1500	17.7	79.3	80.5	80.5	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.2
IVW 1200 1000	17.8	81.8	83.1	83.1	83.4	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IVW 900 800	17.8	82.8	84.4	84.4	85.2	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.9	86.0
IVW 700 600	18.2	84.1	86.0	86.3	87.3	87.5	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	88.1	88.4
IVW 500 400	18.3	84.4	86.7	87.3	88.6	88.7	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.5	90.2
IVW 300 200	18.3	85.0	87.3	88.3	89.5	89.7	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	91.0	91.6
IVW 100 0	18.5	85.5	88.1	89.4	91.0	91.2	92.1	92.4	92.6	93.1	93.2	93.2	93.2	93.2	93.4	94.2
IVW 100 0	18.6	85.9	88.6	89.9	92.0	92.3	93.6	94.1	94.2	94.7	94.9	94.9	94.9	94.9	95.0	95.8
IVW 100 0	18.6	85.9	88.7	90.0	92.3	92.6	94.5	95.7	96.1	96.8	97.3	97.4	97.4	97.6	97.7	99.4
IVW 100 0	18.6	85.9	88.7	90.0	92.3	92.6	94.7	95.7	96.1	96.8	97.3	97.4	97.6	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 622

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,76-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	12.4	50.3	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.5
≥ 20000	14.2	54.5	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	55.5	55.6
IN 18000	14.2	54.8	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	55.8	56.0
IN 16000	14.2	54.8	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	55.8	56.0
IN 14000	14.4	56.9	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	57.9	58.1
IN 12000	14.4	57.4	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	58.4	58.5
IN 10000	14.5	60.5	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	61.5	61.6
IN 9000	14.5	60.8	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.9
IN 8000	14.8	61.9	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.9	63.1
IN 7000	14.8	62.1	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1	63.2
IN 6000	14.8	62.6	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	63.5	63.7
IN 5000	14.8	63.2	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	64.4	64.5
IN 4500	15.6	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	65.6	65.8	66.0
IN 4000	15.6	66.9	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	68.1	68.2
IN 3500	16.0	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.8
IN 3000	16.7	69.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.3
IN 2500	16.1	70.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.8
IN 2000	16.1	73.4	74.4	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	75.0
IN 1800	16.3	74.4	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	76.0
IN 1500	16.5	77.1	78.1	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.7
IN 1200	17.3	78.4	79.5	79.5	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.3
IN 1000	17.3	79.0	80.2	80.2	80.5	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.3
IN 900	17.4	79.7	81.0	81.0	81.3	81.5	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.4
IN 800	17.4	80.2	81.6	81.6	82.1	82.4	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.4
IN 700	17.6	80.8	82.3	82.9	83.5	83.9	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.8
IN 600	17.7	81.5	83.1	83.9	84.8	85.2	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.6
IN 500	18.1	82.3	84.5	85.8	87.4	87.7	88.4	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.7
IN 400	18.1	82.6	85.2	86.5	88.7	89.2	90.0	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8	91.3
IN 300	18.1	82.9	85.5	86.8	89.4	90.2	91.5	92.1	92.6	92.9	93.1	93.1	93.2	93.2	93.2	93.7	94.2
IN 200	18.1	82.9	85.8	87.1	90.2	91.0	92.4	93.2	93.9	94.7	95.0	95.0	95.2	95.2	95.2	95.6	96.3
IN 100	18.1	82.9	85.8	87.1	90.3	91.3	92.9	93.7	94.8	96.0	96.8	96.9	97.1	97.1	97.1	97.6	99.0
IN 0	18.1	82.9	85.8	87.1	90.3	91.3	92.9	93.7	94.8	96.0	96.9	97.1	97.6	97.6	98.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 620

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	22.3	42.6	43.5	43.6	43.8	44.1	44.4	44.6	44.6	44.6	44.8	44.8	44.9	44.9	44.9	45.0
IV 20000	24.3	46.4	47.3	47.4	47.6	47.8	48.2	48.4	48.4	48.4	48.5	48.5	48.6	48.6	48.6	48.9
IV 18000	24.3	46.5	47.4	47.5	47.7	47.9	48.3	48.5	48.5	48.5	48.6	48.6	48.7	48.7	48.7	49.0
IV 16000	24.4	46.6	47.5	47.6	47.8	48.1	48.4	48.6	48.6	48.6	48.7	48.7	48.9	48.9	48.9	49.1
IV 14000	24.7	47.8	48.7	48.9	49.1	49.3	49.7	49.9	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.3
IV 12000	26.0	49.1	50.0	50.1	50.3	50.6	50.9	51.1	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51.6
IV 10000	26.1	50.3	51.3	51.4	51.6	51.8	52.2	52.4	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.8
IV 9000	26.2	50.5	51.4	51.5	51.7	51.9	52.3	52.5	52.5	52.5	52.6	52.6	52.7	52.7	52.7	53.0
IV 8000	26.5	51.3	52.2	52.3	52.5	52.7	53.1	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.8
IV 7000	26.8	51.7	52.6	52.7	53.0	53.2	53.5	53.8	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.2
IV 6000	27.2	52.7	53.6	53.8	54.0	54.2	54.6	54.8	54.8	54.8	54.9	54.9	55.0	55.0	55.0	55.2
IV 5000	27.8	54.0	54.9	55.0	55.2	55.5	55.8	56.0	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.5
IV 4500	28.1	55.2	56.2	56.3	56.5	56.7	57.1	57.3	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.7
IV 4000	28.2	56.3	57.2	57.3	57.5	57.7	58.1	58.3	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.8
IV 3500	29.4	57.7	58.7	58.8	59.0	59.2	59.6	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.3
IV 3000	30.0	59.0	59.9	60.0	60.3	60.5	60.8	61.0	61.0	61.0	61.2	61.2	61.3	61.3	61.3	61.5
IV 2500	31.3	61.6	62.5	62.6	62.9	63.1	63.4	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	64.1
IV 2000	32.1	64.8	65.8	65.9	66.2	66.4	66.7	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.4
IV 1800	32.5	65.4	66.4	66.5	66.7	67.0	67.3	67.5	67.5	67.5	67.7	67.7	67.8	67.8	67.8	68.0
IV 1500	33.4	68.2	69.5	69.7	70.3	70.5	70.8	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.5
IV 1200	33.8	70.0	71.4	71.6	72.2	72.4	72.9	73.1	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.6
IV 1000	35.0	71.5	73.1	73.5	74.3	74.5	74.9	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.6
IV 900	35.2	72.4	74.0	74.4	75.2	75.4	75.9	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.5
IV 800	35.4	72.9	74.6	75.1	76.0	76.2	76.7	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.3
IV 700	35.5	73.8	75.7	76.4	77.6	77.8	78.4	78.6	78.6	78.6	78.7	78.8	78.8	78.9	78.9	79.2
IV 600	35.6	74.9	77.1	77.8	79.2	79.4	80.1	80.3	80.3	80.3	80.5	80.6	80.6	80.8	80.8	81.1
IV 500	35.6	75.4	78.6	79.4	81.1	81.3	82.0	82.3	82.3	82.3	83.0	83.1	83.1	83.3	83.3	83.6
IV 400	35.6	76.3	80.5	81.7	83.8	84.5	85.5	86.1	86.2	87.1	87.4	87.4	87.5	87.5	87.6	87.9
IV 300	35.6	76.7	81.3	82.8	85.4	86.6	88.3	89.5	89.6	91.1	91.6	91.7	92.0	92.0	92.3	92.8
IV 200	35.6	76.7	81.3	82.9	86.0	87.1	89.3	90.9	91.1	92.7	93.6	93.7	94.4	94.4	94.6	95.3
IV 100	35.6	76.7	81.3	82.9	86.1	87.2	89.4	91.1	91.5	93.5	94.5	94.6	95.7	96.1	97.2	98.6
IV 0	35.6	76.7	81.3	82.9	86.1	87.2	89.4	91.1	91.5	93.5	94.5	94.6	95.8	96.2	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 878

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72261
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥4	≥3	≥2.5	≥2	≥1.75	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0
NO CEILING	39.4	42.3	42.8	42.9	43.2	43.2	43.2	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	43.4	47.0	47.5	47.6	48.0	48.0	48.0	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2
18000	44.0	47.5	48.1	48.2	48.5	48.5	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
16000	44.3	47.2	48.4	48.5	48.8	48.8	48.8	48.8	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
14000	45.0	48.5	49.1	49.2	49.5	49.5	49.5	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
12000	46.1	49.6	50.2	50.3	50.6	50.6	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
10000	47.3	50.9	51.5	51.6	51.9	51.9	51.9	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
9000	47.5	51.2	51.7	51.8	52.1	52.1	52.1	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
8000	48.2	52.0	52.6	52.7	53.0	53.0	53.0	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
7000	48.7	52.6	53.1	53.3	53.6	53.6	53.6	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
6000	49.5	53.6	54.1	54.2	54.6	54.6	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
5000	50.6	54.8	55.5	55.5	55.8	55.8	55.8	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
4500	51.3	55.5	56.0	56.1	56.4	56.4	56.4	56.4	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8
4000	52.6	56.8	57.3	57.4	57.8	57.8	57.8	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
3500	53.9	58.3	58.9	59.0	59.3	59.3	59.3	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
3000	54.9	59.5	60.1	60.2	60.5	60.5	60.5	60.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9
2500	56.0	61.0	61.7	61.9	62.2	62.2	62.2	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
2000	58.3	64.5	65.4	65.5	65.8	65.8	65.8	65.8	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
1800	59.2	65.7	66.6	66.7	67.0	67.0	67.0	67.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
1500	60.5	68.1	69.5	69.6	70.0	70.0	70.0	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
1200	62.2	70.8	72.1	72.2	72.7	72.7	72.7	72.7	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2
1000	63.6	72.9	74.2	74.3	74.8	74.8	74.8	74.8	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
900	64.4	73.8	75.2	75.3	75.7	75.7	75.7	75.7	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3
800	65.4	75.1	76.7	77.1	77.5	77.5	77.5	77.5	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1
700	65.7	76.0	77.8	78.2	79.1	79.1	79.1	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7
600	66.9	77.8	80.5	81.0	82.4	82.5	82.5	82.5	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
500	67.3	78.5	81.4	82.5	84.0	84.7	85.3	85.8	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3
400	67.3	79.1	82.5	83.8	86.4	87.2	88.1	89.2	89.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
300	67.3	79.2	82.6	83.9	87.1	88.2	89.3	91.2	91.8	93.1	93.7	94.0	94.2	94.2	94.4	94.6
200	67.3	79.2	82.7	84.0	87.2	88.3	89.5	91.4	92.4	94.3	95.4	96.0	96.6	96.7	97.4	97.9
100	67.3	79.2	82.7	84.0	87.2	88.3	89.5	91.4	92.6	94.5	95.8	96.5	97.0	97.2	98.3	99.2
0	67.3	79.2	82.7	84.0	87.2	88.3	89.5	91.4	92.6	94.5	95.8	96.5	97.0	97.2	98.5	99.0

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
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	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	48.4	50.6	50.6	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	53.7	56.5	56.5	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
IN 18000	54.7	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IN 6000	55.1	57.8	57.8	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
IN 14000	55.7	58.4	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
IN 2000	56.8	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IN 10000	58.7	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IN 9000	59.0	61.9	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
IN 8000	60.4	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IN 7000	60.7	63.6	63.6	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
IN 6000	61.5	64.4	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
IN 5000	62.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IN 4500	64.2	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
IN 4000	65.6	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
IN 3500	66.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IN 3000	68.3	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IN 2500	70.2	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IN 2000	71.5	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	76.7
IN 1800	72.1	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
IN 1500	74.1	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IN 1200	75.4	82.1	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IN 1000	76.2	84.5	85.7	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IN 900	77.1	85.6	87.2	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IN 800	77.7	86.9	89.1	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IN 700	78.1	88.1	90.7	91.3	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IN 600	78.4	89.0	91.7	92.4	93.2	93.4	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IN 500	78.5	89.5	92.4	93.2	94.4	94.7	95.1	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IN 400	78.5	89.6	92.5	93.5	94.9	95.3	95.8	97.1	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5
IN 300	78.5	89.6	92.5	93.5	95.3	95.8	96.6	98.3	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4
IN 200	78.5	89.6	92.5	93.5	95.5	95.9	96.8	98.4	98.9	99.2	99.5	99.6	99.7	99.7	99.8	99.8
IN 100	78.5	89.6	92.5	93.5	95.5	95.9	96.8	98.4	98.9	99.2	99.5	99.6	99.7	99.7	99.9	100.0
IN 0	78.5	89.6	92.5	93.5	95.5	95.9	96.8	98.4	98.9	99.2	99.5	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 924

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
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	¾	¾	≥5/16	¾	≥0
NO CEILING	52.0	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	60.3	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IN 18000	61.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IN 16000	62.1	65.1	65.3	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
IN 14000	63.6	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IN 12000	65.0	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IN 10000	66.4	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IN 9000	67.1	70.5	70.6	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
IN 8000	68.3	71.8	71.9	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
IN 7000	68.6	72.1	72.2	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
IN 6000	69.3	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IN 5000	70.6	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IN 4500	71.3	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IN 4000	72.9	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IN 3500	74.9	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IN 3000	77.0	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IN 2500	78.0	82.5	82.6	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
IN 2000	79.4	85.3	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IN 1800	79.5	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IN 1500	80.2	87.4	87.5	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IN 1200	81.7	89.8	90.2	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IN 1000	82.8	91.6	92.1	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IN 900	83.5	92.3	92.8	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IN 800	84.0	93.1	93.7	93.9	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IN 700	84.0	93.5	94.5	94.7	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IN 600	84.1	93.6	94.7	94.9	95.7	95.8	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IN 500	84.1	93.7	94.8	95.1	96.0	96.3	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IN 400	84.1	94.0	95.1	95.4	96.5	96.9	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IN 300	84.1	94.0	95.2	95.5	96.7	97.2	98.4	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IN 200	84.1	94.0	95.2	95.5	96.7	97.2	98.4	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
IN 100	84.1	94.0	95.2	95.5	96.7	97.2	98.4	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
0	84.1	94.0	95.2	95.5	96.7	97.2	98.4	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

JAN

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	¾	¾	≥5/16	¼	≥0
NO CEILING	35.1	55.3	55.3	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
≥ 20000	39.7	62.0	62.0	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
IN 18000	40.4	63.6	63.6	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
IN 16000	40.5	63.9	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
IN 14000	41.0	65.1	65.1	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
IN 12000	42.5	68.5	68.5	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1
IN 10000	44.5	72.0	72.0	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6
IN 9000	44.6	72.1	72.1	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
IN 8000	44.9	72.5	72.5	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
IN 7000	45.5	73.6	73.6	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
IN 6000	46.0	74.2	74.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
IN 5000	46.1	74.7	74.7	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
IN 4500	46.7	76.1	76.1	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
IN 4000	47.3	76.8	76.8	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
IN 3500	48.2	77.9	77.9	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6
IN 3000	48.9	79.1	79.1	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
IN 2500	50.3	82.5	82.5	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
IN 2000	51.1	84.0	84.0	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
IN 1800	51.4	84.6	84.6	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
IN 1500	52.0	87.0	87.0	87.5	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
IN 1200	52.7	88.4	89.2	89.3	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
IN 1000	53.7	90.1	91.1	91.2	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
IN 900	54.1	91.0	92.2	92.3	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.6
IN 800	54.5	91.6	92.8	93.1	93.9	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
IN 700	54.8	92.1	93.6	93.8	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
IN 600	54.8	92.1	93.6	93.8	95.0	95.0	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7
IN 500	54.8	92.2	93.7	94.1	95.5	95.5	95.9	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.7
IN 400	54.8	92.2	93.7	94.2	95.8	96.0	97.0	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9
IN 300	54.8	92.2	93.7	94.2	95.8	96.0	97.3	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.8
IN 200	54.8	92.2	93.8	94.3	96.0	96.3	97.9	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6
IN 100	54.8	92.2	93.8	94.3	96.0	96.3	97.9	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.8	99.8
IN 0	54.8	92.2	93.8	94.3	96.0	96.3	97.9	98.9	99.1	99.4	99.5	99.5	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722415
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	24.3	57.8	58.0	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
IV 20000	25.6	61.8	62.1	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6
IV 18000	26.0	63.1	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9
IV 16000	26.0	63.1	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9
IV 14000	26.5	65.1	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9
IV 12000	26.7	66.7	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5
IV 10000	27.6	69.0	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8
IV 9000	27.6	69.1	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9
IV 8000	27.6	69.4	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2
IV 7000	27.6	69.9	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7
IV 6000	28.1	70.7	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5
IV 5000	28.1	71.2	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3
IV 4500	28.1	72.9	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0
IV 4000	28.2	73.5	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5
IV 3500	28.9	74.7	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7
IV 3000	29.2	76.0	76.5	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1
IV 2500	29.6	78.5	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6
IV 2000	30.6	80.1	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2
IV 1800	30.9	81.0	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1
IV 1500	31.2	82.6	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0
IV 1200	31.8	84.6	85.5	85.5	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3
IV 1000	32.4	86.1	87.1	87.1	87.8	87.8	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
IV 900	32.5	86.6	87.7	87.7	88.3	88.3	88.6	88.7	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9
IV 800	32.6	87.1	88.1	88.1	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3
IV 700	33.0	88.5	89.6	89.6	90.1	90.6	90.6	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
IV 600	33.1	88.9	90.1	90.1	90.6	91.1	91.1	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
IV 500	33.6	89.1	90.6	90.6	91.5	91.5	92.4	92.7	92.7	92.7	93.1	93.2	93.2	93.2	93.2	93.2
IV 400	33.6	89.1	90.6	91.4	92.2	92.4	93.8	94.3	94.3	94.3	94.7	94.8	94.8	94.8	94.8	95.0
IV 300	33.7	89.3	91.0	91.9	93.1	93.6	95.4	96.2	96.2	96.2	96.6	96.7	96.7	96.7	96.7	97.1
IV 200	33.7	89.3	91.0	91.9	93.5	94.0	96.3	97.1	97.1	97.1	97.5	97.6	97.6	97.6	97.6	98.3
IV 100	33.7	89.3	91.0	91.9	93.6	94.2	96.4	97.5	97.5	97.5	97.9	98.1	98.1	98.1	98.1	99.5
IV 0	33.7	89.3	91.0	91.9	93.6	94.2	96.4	97.5	97.5	97.5	97.9	98.1	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 754

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LALGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JAN
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	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	32.7	51.1	51.4	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9
≥ 18000	36.7	56.3	56.6	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.2
≥ 16000	37.2	57.1	57.5	57.5	57.7	57.7	57.8	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
≥ 14000	37.4	57.3	57.7	57.8	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3
≥ 12000	38.3	58.8	59.2	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.8
≥ 10000	38.9	60.3	60.7	60.7	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
≥ 9000	39.9	62.4	62.8	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.4
≥ 8000	40.1	62.7	63.1	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.7
≥ 7000	40.7	63.6	64.0	64.0	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 6000	41.3	64.1	64.4	64.5	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0
≥ 5000	41.5	64.8	65.2	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
≥ 4500	42.1	65.8	66.2	66.3	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 4000	42.7	67.0	67.4	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0
≥ 3500	43.5	68.3	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3
≥ 3000	44.5	69.7	70.1	70.2	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 2500	45.4	71.2	71.6	71.7	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 2000	46.4	73.2	73.7	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3
≥ 1800	47.5	75.8	76.3	76.4	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 1500	47.9	76.4	77.1	77.1	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 1200	48.7	78.7	79.5	79.6	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 1000	49.6	80.7	81.7	81.8	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
≥ 900	50.5	82.2	83.4	83.6	84.0	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 800	50.9	83.0	84.3	84.5	85.0	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 700	51.3	83.8	85.3	85.6	86.2	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 600	51.6	84.7	86.4	86.8	87.5	87.6	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3
≥ 500	51.7	85.4	87.3	87.8	88.8	89.0	89.3	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	90.0
≥ 400	52.1	86.1	88.7	89.5	91.2	91.7	92.6	93.3	93.4	93.8	93.9	93.9	93.9	93.9	93.9	94.1
≥ 300	52.3	86.3	88.9	89.9	91.9	92.6	93.8	94.9	95.2	95.8	96.1	96.2	96.2	96.2	96.4	96.7
≥ 200	52.0	86.3	89.0	90.0	92.2	92.8	94.4	95.6	96.0	96.8	97.2	97.3	97.5	97.5	97.7	98.2
≥ 100	52.0	86.3	89.0	90.0	92.3	92.9	94.5	95.7	96.2	97.1	97.7	97.9	98.2	98.3	98.7	99.5
≥ 0	52.0	86.3	89.0	90.0	92.3	92.9	94.5	95.7	96.2	97.1	97.7	97.9	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6433

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722815
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
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	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	17.7	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	65.2	65.2	65.2
≥ 20000	17.3	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.4	68.4	68.4
≥ 18000	17.3	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.4	68.4	68.4
≥ 16000	17.3	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.4	68.4	68.4
≥ 14000	17.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.4	69.4	69.4
≥ 12000	18.0	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.3	70.3	70.3
≥ 10000	18.1	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.2	71.2	71.2
≥ 9000	18.1	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.3
≥ 8000	18.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8
≥ 7000	18.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.3	73.3	73.3
≥ 6000	18.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.3	73.3	73.3
≥ 5000	18.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.3	74.3	74.3
≥ 4500	18.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.3	74.3	74.3
≥ 4000	18.8	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.8	74.8	74.8
≥ 3500	19.1	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.3	76.3	76.3
≥ 3000	19.1	75.9	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.9	76.9	76.9
≥ 2500	19.6	78.9	79.6	79.7	79.9	79.9	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.4	80.4	80.4
≥ 2000	20.4	81.9	83.9	84.0	84.3	84.3	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.8	84.8	84.8
≥ 1800	20.6	82.7	84.7	84.8	85.2	85.2	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.7	85.7	85.7
≥ 1500	20.8	84.3	86.5	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.5	87.5	87.5
≥ 1200	21.1	85.2	87.6	87.8	88.3	88.3	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.8	88.8	88.8
≥ 1000	21.1	86.0	88.5	88.6	89.1	89.1	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.6	89.6	89.6
≥ 900	21.1	86.3	89.0	89.3	90.0	90.0	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.4
≥ 800	21.1	87.3	90.0	90.3	90.9	90.9	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4
≥ 700	21.1	87.6	90.4	90.8	91.4	91.4	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.1	92.1	92.1
≥ 600	21.1	88.6	91.4	91.8	92.4	92.4	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.2	93.4	93.4
≥ 500	21.1	89.3	92.9	93.6	94.4	94.4	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.6	95.7	95.7
≥ 400	21.1	90.1	94.2	94.9	96.2	96.2	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.7	97.9	97.9
≥ 300	21.1	90.3	94.4	95.1	96.7	96.7	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.4	98.5	98.8
≥ 200	21.1	90.3	94.4	95.2	97.0	97.0	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.8	99.0	99.3	99.3
≥ 100	21.1	90.3	94.4	95.2	97.0	97.0	98.5	98.7	98.7	98.7	98.8	98.8	98.8	99.0	99.2	100.0	100.0
≥ 0	21.1	90.3	94.4	95.2	97.0	97.0	98.5	98.7	98.7	98.7	98.8	98.8	98.8	99.0	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 607

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702615
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73,75-81
 YEARS

FEB
 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	≥½	≥3/16	≥¼	≥0	
NO CEILING	13.4	55.8	55.8	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	14.4	57.5	57.5	57.6	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 18000	14.4	57.8	57.8	58.0	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 6000	14.4	57.8	57.8	58.0	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 14000	14.6	59.3	59.3	59.4	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 2000	15.1	60.8	60.8	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 10000	15.3	61.7	61.7	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 9000	15.3	61.7	61.7	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 8000	15.3	61.7	61.7	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 7000	15.4	62.2	62.2	62.4	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 6000	15.6	62.4	62.4	62.6	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 5000	15.8	63.2	63.2	63.4	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 4500	15.9	63.9	63.9	64.0	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 4000	15.9	63.9	63.9	64.0	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 3500	16.1	64.4	64.4	64.5	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 3000	16.3	64.5	64.5	64.7	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 2500	17.6	68.8	69.0	69.1	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 2000	18.6	72.7	72.9	73.1	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 1800	18.6	73.7	74.4	74.5	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 1500	19.0	76.5	77.2	77.3	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 1200	19.2	79.8	80.5	80.6	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 1000	19.2	81.3	81.9	82.1	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 900	19.2	81.9	82.8	83.1	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 800	19.2	83.7	84.6	84.9	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 700	19.2	84.1	85.4	85.9	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 600	19.2	85.2	87.2	87.7	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 500	19.2	86.0	88.2	88.7	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 400	19.2	86.7	89.5	90.0	91.3	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 300	19.2	86.9	91.5	91.0	92.3	92.8	93.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 200	19.2	87.0	90.6	91.1	92.8	93.3	94.7	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 100	19.2	87.0	90.6	91.1	92.8	93.3	95.2	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 0	19.2	87.0	90.6	91.1	92.8	93.3	95.2	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 609

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0800
HOURS (L.R.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 200	≥ 100	≥ 50	≥ 0
NO CEILING	28.3	48.4	49.7	49.1	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.4
≥ 20000	30.0	52.0	52.7	52.8	53.7	53.7	53.8	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.3
≥ 18000	30.2	52.5	53.2	53.3	54.2	54.2	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.8
≥ 16000	30.2	52.5	53.2	53.3	54.2	54.2	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.8
≥ 14000	30.7	53.6	54.3	54.4	55.3	55.3	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.9
≥ 12000	31.4	54.7	55.4	55.6	56.4	56.4	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	57.0
≥ 10000	31.7	55.9	56.7	56.8	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.3
≥ 9000	31.7	55.9	56.7	56.8	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.3
≥ 8000	31.7	55.9	56.7	56.8	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.3
≥ 7000	31.7	55.9	56.7	56.8	57.7	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.3
≥ 6000	33.1	57.9	58.6	58.8	59.6	59.6	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.2
≥ 5000	33.0	58.5	59.3	59.4	60.2	60.2	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 4500	34.6	59.5	60.2	60.4	61.4	61.4	61.6	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.1
≥ 4000	34.7	59.8	60.6	60.7	61.9	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.6
≥ 3500	35.4	60.5	61.4	61.5	62.8	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.6
≥ 3000	35.3	61.2	62.1	62.3	63.7	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.4
≥ 2500	37.0	63.3	64.2	64.4	65.8	65.8	66.0	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.5
≥ 2000	38.0	67.0	67.9	68.1	69.5	69.5	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.2
≥ 1800	38.1	67.2	68.0	68.3	69.6	69.6	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.4
≥ 1500	38.4	69.1	70.1	70.4	72.0	72.0	72.2	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.7
≥ 1200	39.0	71.7	73.0	73.3	74.9	74.9	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.7
≥ 1000	39.4	73.6	75.2	75.8	77.4	77.5	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.3
≥ 900	39.8	75.2	77.0	77.7	79.5	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.5
≥ 800	40.0	75.7	77.5	78.4	80.7	81.0	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.9
≥ 700	40.2	76.9	79.1	80.0	82.5	82.8	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.7
≥ 600	40.7	78.1	80.7	81.7	84.3	84.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.7
≥ 500	40.7	78.6	81.6	82.7	85.9	86.3	86.8	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.5
≥ 400	40.7	78.6	81.9	83.1	86.7	87.2	88.3	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.5
≥ 300	40.7	79.3	83.1	84.6	88.1	89.0	90.5	91.4	91.7	92.2	92.3	92.3	92.3	92.3	92.5	92.8
≥ 200	40.9	79.3	83.2	84.7	88.3	89.3	91.1	92.7	93.3	94.2	94.3	94.3	94.3	94.3	94.8	95.8
≥ 100	40.9	79.3	83.2	84.7	88.4	89.4	91.4	93.3	94.0	95.3	95.6	95.6	95.6	95.6	96.5	98.0
≥ 0	40.9	79.3	83.2	84.7	88.4	89.4	91.4	93.3	94.0	95.3	95.6	95.6	95.6	96.5	98.0	99.1

TOTAL NUMBER OF OBSERVATIONS 613

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
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	¾	¾	¾	¾	≥0
NO CEILING	43.5	47.2	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 20000	46.2	50.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IN 18000	47.2	52.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IN 16000	47.5	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IN 14000	48.6	53.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IN 12000	49.1	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IN 10000	49.5	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IN 9000	49.8	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IN 8000	50.4	55.9	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IN 7000	50.9	56.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IN 6000	51.3	56.5	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IN 5000	51.7	57.2	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IN 4500	52.8	58.3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IN 4000	53.8	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IN 3500	54.6	60.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IN 3000	55.7	61.4	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IN 2500	57.4	63.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IN 2000	59.0	65.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IN 1800	59.4	66.7	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IN 1500	61.1	69.3	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IN 1200	62.6	72.1	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IN 1000	64.2	75.1	76.9	77.1	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IN 900	64.9	77.1	79.2	79.9	80.6	80.7	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IN 800	65.6	78.1	80.5	81.3	82.0	82.2	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IN 700	66.3	78.9	81.8	82.8	84.2	84.3	84.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IN 600	66.7	80.0	83.5	84.7	86.5	86.6	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IN 500	66.9	81.0	84.9	86.5	88.9	89.1	89.8	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5
IN 400	67.2	81.3	85.9	87.4	90.8	91.1	92.7	93.7	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.1
IN 300	67.3	81.7	86.3	87.9	91.6	92.0	94.3	95.8	96.0	96.4	97.0	97.0	97.2	97.2	97.2	97.2
IN 200	67.3	81.7	86.5	88.0	91.7	92.1	94.5	96.2	96.4	97.0	97.7	97.7	98.1	98.2	98.2	98.2
IN 100	67.3	81.7	86.5	88.0	91.7	92.1	94.5	96.3	96.5	97.1	97.8	98.0	98.7	98.9	99.3	99.5
IN 0	67.3	81.7	86.5	88.0	91.7	92.1	94.5	96.3	96.5	97.1	97.8	98.0	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 835

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70, 73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.M.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 ≥ 20000	54.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 18000 16000	58.5	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
IV 14000 12000	59.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 10000 9000	61.9	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
IV 8000 7000	62.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 6000 5000	63.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 4500 4000	64.7	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 3500 3000	66.3	70.8	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 2500 2000	67.3	72.7	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	73.1
IV 1800 1500	73.3	80.8	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 1200 1000	76.5	86.1	87.0	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 900 800	78.4	88.6	89.0	89.3	89.8	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 700 600	78.8	89.4	91.1	91.9	93.0	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 500 400	79.7	92.1	94.0	95.4	97.0	97.4	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 300 200	79.7	92.3	94.2	95.7	97.7	98.2	98.8	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100 0	79.7	92.4	94.3	95.8	97.9	98.3	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	79.7	92.4	94.3	95.8	97.9	98.3	99.1	99.1	99.1	99.5	99.5	99.6	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
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	¾	¾	¾	≥3/16	¾	≥0
NO CEILING	62.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	68.9	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 18000	69.7	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 16000	70.0	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 14000	70.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 12000	71.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 10000	72.7	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 9000	72.9	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 8000	74.0	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 7000	74.4	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 6000	75.0	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 5000	76.3	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 4500	77.1	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 4000	78.3	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3500	78.7	82.5	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 3000	79.4	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 2500	81.0	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	83.1	87.4	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
IV 1800	83.2	87.5	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	88.4	88.6
IV 1500	85.0	89.9	90.8	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
IV 1200	95.6	91.1	92.0	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
IV 1000	86.1	91.9	93.0	93.2	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
IV 900	86.1	92.4	93.4	93.7	93.8	93.9	94.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4
IV 800	86.3	92.6	93.7	93.9	94.2	94.4	94.5	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9
IV 700	86.9	93.2	94.4	94.6	95.0	95.2	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9
IV 600	87.4	94.0	95.7	95.9	96.4	96.8	97.4	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 500	87.5	94.4	96.1	96.3	96.9	97.3	97.9	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
IV 400	87.5	94.4	96.1	96.5	97.5	97.9	98.6	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8
IV 300	87.5	94.4	96.1	96.5	97.5	97.9	98.6	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	87.5	94.4	96.1	96.5	97.5	97.9	98.6	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	87.5	94.4	96.1	96.5	97.5	97.9	98.6	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	87.5	94.4	96.1	96.5	97.5	97.9	98.6	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	44.1	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 20000	48.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV ≥ 18000	49.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV ≥ 16000	49.3	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV ≥ 14000	50.9	73.4	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
IV ≥ 12000	51.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV ≥ 10000	52.4	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV ≥ 9500	52.9	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV ≥ 8000	54.0	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV ≥ 7000	54.0	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV ≥ 6000	54.5	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV ≥ 5000	54.5	79.0	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
IV ≥ 4500	55.6	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
IV ≥ 4000	56.5	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV ≥ 3500	57.3	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV ≥ 3000	58.4	83.5	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV ≥ 2500	59.0	85.0	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV ≥ 2000	60.2	87.1	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV ≥ 1800	60.8	87.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV ≥ 1500	62.1	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV ≥ 1200	62.6	91.5	92.4	92.4	92.4	92.4	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2
IV ≥ 1000	62.6	92.3	93.4	93.4	93.4	93.4	93.4	93.4	94.1	94.1	94.1	94.1	94.1	94.5	94.5	94.5
IV ≥ 900	62.6	92.4	93.5	93.5	93.5	93.5	93.5	94.0	94.3	94.3	94.3	94.3	94.3	94.7	94.7	94.7
IV ≥ 800	62.6	93.0	94.0	94.0	94.0	94.0	94.0	94.9	95.2	95.2	95.2	95.2	95.2	95.6	95.6	95.6
IV ≥ 700	63.3	93.2	94.3	94.3	94.3	94.3	94.3	95.1	95.2	95.5	95.5	95.5	95.5	95.9	95.9	95.9
IV ≥ 600	63.3	93.5	94.5	94.5	94.5	94.5	94.5	95.5	96.1	96.4	96.4	96.4	96.4	96.8	96.8	96.8
IV ≥ 500	63.3	93.5	94.5	94.5	94.5	94.5	94.5	95.9	96.5	96.8	96.8	96.8	96.8	96.8	97.2	97.2
IV ≥ 400	63.3	93.6	94.6	94.6	94.6	94.6	94.6	96.7	97.5	97.7	97.7	97.7	97.7	98.0	98.5	98.5
IV ≥ 300	63.3	93.6	94.6	94.6	94.6	94.6	94.6	97.1	97.9	98.4	98.4	98.4	98.4	98.9	99.5	99.5
IV ≥ 200	63.3	93.6	94.6	94.6	94.6	94.6	94.6	97.1	97.9	98.4	98.4	98.4	98.4	98.9	99.7	99.7
IV ≥ 100	63.3	93.6	94.6	94.6	94.6	94.6	94.6	97.1	97.9	98.4	98.4	98.4	98.4	98.9	99.9	100.0
IV ≥ 0	63.3	93.6	94.6	94.6	94.6	94.6	94.6	97.1	97.9	98.4	98.4	98.4	98.4	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 752

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING ≥ 20000	25.3	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IVM 18000 16000	26.2	70.9	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
IVM 14000 12000	27.1	72.7	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
IVM 10000 9000	27.3	73.1	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
IVM 8000 7000	27.6	73.9	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
IVM 6000 5000	28.8	75.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IVM 4500 4000	28.8	75.8	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IVM 3500 3000	28.8	77.1	77.7	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
IVM 2500 2000	29.4	77.7	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IVM 1800 1500	30.8	79.5	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IVM 1200 1000	30.9	80.6	81.3	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
IVM 900 800	32.0	83.0	83.9	84.2	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IVM 700 600	32.8	87.4	88.7	89.0	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IVM 500 400	33.1	88.0	89.4	89.7	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVM 300 200	33.5	89.3	90.7	90.9	91.2	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IVM 100 0	33.7	90.7	92.0	92.4	92.9	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5
	33.8	91.1	92.6	93.1	93.4	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
	33.9	91.6	93.1	93.7	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
	34.3	92.2	93.7	94.2	95.2	95.2	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
	34.3	92.3	93.8	94.4	95.3	95.3	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
	34.3	92.7	94.4	95.5	96.4	96.4	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
	34.3	92.7	94.5	95.6	97.5	97.5	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
	34.3	92.7	94.5	95.6	97.5	97.5	98.2	98.8	98.8	98.8	98.8	98.8	98.9	99.2	99.2	99.5
	34.3	92.7	94.5	95.6	97.5	97.5	98.2	98.8	98.8	98.8	98.8	98.9	98.9	99.2	99.2	99.7
	34.3	92.7	94.5	95.6	97.5	97.5	98.2	98.8	98.8	98.8	98.8	98.9	98.9	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 728

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722815
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING	37.7	58.1	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7
≥ 20000	40.6	62.7	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4
≥ 18000	41.0	63.3	63.6	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 16000	41.2	63.5	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2
≥ 14000	42.0	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	42.6	65.8	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5
≥ 10000	43.1	66.7	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	43.3	67.0	67.3	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7
≥ 8000	43.8	67.7	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 7000	44.2	68.3	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	44.6	68.7	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	45.2	69.5	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 4500	45.9	70.4	70.8	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 4000	46.6	71.3	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	47.3	72.3	72.8	72.9	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	47.8	73.2	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 2500	49.0	75.4	76.0	76.2	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 2000	50.5	78.5	79.4	79.6	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 1800	50.8	79.1	80.1	80.3	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	51.7	81.4	82.5	82.7	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
≥ 1200	52.5	83.3	84.6	84.9	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.7
≥ 1000	53.1	84.8	86.2	86.6	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
≥ 900	53.3	85.4	87.1	87.6	88.2	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.8
≥ 800	53.5	86.1	87.9	88.4	89.2	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9
≥ 700	53.8	86.8	88.7	89.3	90.2	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	91.0
≥ 600	54.1	87.8	90.0	90.7	91.8	92.0	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.0
≥ 500	54.2	88.4	90.7	91.5	93.0	93.2	93.7	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.4
≥ 400	54.3	88.7	91.3	92.3	94.2	94.4	95.1	95.8	95.9	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.3
≥ 300	54.3	88.8	91.6	92.7	94.8	95.1	96.3	97.0	97.2	97.4	97.6	97.6	97.6	97.7	97.8	97.9	98.0
≥ 200	54.3	88.9	91.7	92.8	94.9	95.3	96.5	97.4	97.6	97.9	98.2	98.2	98.2	98.5	98.6	98.8	98.8
≥ 100	54.3	88.9	91.7	92.8	95.0	95.3	96.6	97.6	97.8	98.2	98.5	98.5	98.5	98.9	99.0	99.5	99.8
≥ 0	54.3	88.9	91.7	92.8	95.0	95.3	96.6	97.6	97.8	98.2	98.5	98.5	98.5	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6023

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
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	¾	¾	≥5/16	¼	≥0
NO CEILING	15.6	64.9	65.1	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥20000	16.5	70.4	70.5	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IVIV 18000	16.5	71.1	71.2	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IVIV 16000	16.5	71.1	71.2	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IVIV 14000	16.7	72.5	72.7	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IVIV 12000	17.1	74.1	74.2	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IVIV 10000	17.5	75.3	75.5	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IVIV 9000	17.5	75.3	75.5	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IVIV 8000	17.8	75.7	75.9	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IVIV 7000	17.8	76.2	76.3	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IVIV 6000	17.8	76.6	76.7	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IVIV 5000	17.8	77.3	77.4	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IVIV 4500	17.8	78.7	78.8	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IVIV 4000	18.1	79.5	79.7	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IVIV 3500	18.1	80.6	80.8	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IVIV 3000	18.5	82.5	82.6	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IVIV 2500	18.9	84.7	85.0	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IVIV 2000	19.1	86.3	86.5	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IVIV 1800	19.1	86.4	86.7	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IVIV 1500	19.1	88.1	88.4	89.1	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IVIV 1200	19.1	89.5	89.8	90.6	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IVIV 1000	19.2	91.4	91.9	92.7	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IVIV 900	19.2	92.4	93.0	93.8	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVIV 800	19.4	92.6	93.1	94.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IVIV 700	19.4	93.1	93.7	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IVIV 600	19.4	93.4	94.0	94.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IVIV 500	19.4	93.7	94.2	95.4	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IVIV 400	19.4	93.7	94.2	95.4	96.5	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVIV 300	19.4	93.7	94.2	95.5	97.1	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVIV 200	19.4	93.7	94.2	95.7	97.5	97.9	98.5	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4
IVIV 100	19.4	93.7	94.2	95.7	97.5	97.9	98.5	98.9	98.9	98.9	99.7	99.9	99.9	100.0	100.0	100.0
IVIV 0	19.4	93.7	94.2	95.7	97.5	97.9	98.5	98.9	98.9	98.9	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 713

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

G300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	11.2	53.7	54.0	54.7	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 20000	12.6	52.5	52.8	53.5	53.5	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 18000	13.7	60.5	60.8	61.5	61.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 16000	13.0	60.5	60.8	61.5	61.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 14000	13.3	62.2	62.4	63.1	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 12000	13.3	62.6	62.8	63.5	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 10000	14.0	63.7	64.0	64.6	64.6	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 9000	14.0	63.7	64.0	64.6	64.6	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 8000	14.1	64.5	64.8	65.5	65.5	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 7000	14.1	64.5	64.8	65.5	65.5	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 6000	14.1	64.9	65.2	65.9	65.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 5000	14.1	66.2	66.4	67.1	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 4500	14.1	67.1	67.4	68.1	68.1	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 4000	14.1	67.7	68.0	68.6	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 3500	14.2	68.5	68.8	69.5	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 3000	14.4	68.9	69.2	69.9	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 2500	14.4	69.9	70.2	70.9	70.9	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 2000	14.5	72.6	73.6	74.3	74.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 1800	14.5	73.8	74.6	75.3	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 1500	15.2	78.6	79.4	80.1	80.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 1200	15.7	82.6	83.8	84.5	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1000	16.3	84.8	86.2	87.2	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 900	16.4	85.4	86.7	87.7	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 800	16.4	86.0	87.4	88.7	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 700	16.6	86.5	88.4	89.6	90.6	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 600	16.6	87.3	89.2	90.5	91.6	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 500	16.6	87.8	89.9	91.2	92.4	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 400	16.6	88.1	90.6	91.9	93.4	93.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 300	16.6	88.5	91.2	92.4	94.3	94.9	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 200	16.6	89.0	91.9	93.2	95.4	96.0	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100	16.6	89.0	91.9	93.2	95.6	96.1	98.6	98.6	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	16.6	89.0	91.9	93.2	95.6	96.1	98.6	98.6	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 724

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	30.9	47.0	47.8	48.1	48.6	48.7	49.1	49.1	49.1	49.1	49.2	49.2	49.6	49.6	49.6	49.7
≥ 20000	33.3	50.9	51.7	52.0	52.8	52.9	53.3	53.3	53.3	53.3	53.4	53.4	53.8	53.8	53.8	53.9
IN 18000	34.0	52.0	52.8	53.1	53.9	54.0	54.4	54.4	54.4	54.4	54.6	54.6	54.9	54.9	54.9	55.0
IN 16000	34.1	52.1	52.9	53.2	54.0	54.1	54.6	54.6	54.6	54.6	54.7	54.7	55.0	55.0	55.0	55.1
IN 14000	35.3	53.8	54.7	55.0	55.8	55.9	56.3	56.3	56.3	56.3	56.4	56.4	56.8	56.8	56.8	56.9
IN 12000	35.9	54.7	55.7	56.0	56.8	56.9	57.3	57.3	57.3	57.3	57.4	57.4	57.8	57.8	57.8	57.9
IN 10000	36.6	55.8	56.9	57.2	58.0	58.1	58.6	58.6	58.6	58.6	58.7	58.7	59.0	59.0	59.0	59.1
IN 9000	36.9	56.3	57.4	57.8	58.6	58.7	59.1	59.1	59.1	59.1	59.2	59.2	59.6	59.6	59.6	59.7
IN 8000	37.2	56.9	58.0	58.3	59.1	59.2	59.7	59.7	59.7	59.7	59.8	59.8	60.1	60.1	60.1	60.2
IN 7000	37.7	57.4	58.6	58.9	59.7	59.8	60.2	60.2	60.2	60.2	60.3	60.3	60.7	60.7	60.7	60.8
IN 6000	37.9	57.8	59.0	59.3	60.1	60.2	60.7	60.7	60.7	60.7	60.8	60.8	61.1	61.1	61.1	61.2
IN 5000	38.3	58.4	59.7	60.0	60.8	60.9	61.3	61.3	61.3	61.3	61.4	61.4	61.8	61.8	61.8	61.9
IN 4500	39.0	59.7	60.9	61.2	62.0	62.1	62.6	62.6	62.6	62.6	62.7	62.7	63.0	63.0	63.0	63.1
IN 4000	39.3	60.1	61.3	61.7	62.4	62.6	63.0	63.0	63.0	63.0	63.1	63.1	63.4	63.4	63.4	63.6
IN 3500	39.9	61.2	62.4	62.8	63.6	63.7	64.1	64.1	64.1	64.1	64.2	64.2	64.6	64.6	64.6	64.7
IN 3000	40.3	62.0	63.2	63.6	64.3	64.4	64.9	64.9	64.9	64.9	65.0	65.0	65.3	65.3	65.3	65.4
IN 2500	40.8	63.4	64.7	65.0	65.8	65.9	66.4	66.4	66.4	66.4	66.6	66.6	66.9	66.9	66.9	67.0
IN 2000	41.2	65.4	66.8	67.2	68.0	68.1	68.8	68.8	68.8	68.8	68.9	68.9	69.2	69.2	69.2	69.3
IN 1800	41.7	66.7	68.0	68.4	69.3	69.4	70.1	70.1	70.1	70.1	70.2	70.2	70.6	70.6	70.6	70.7
IN 1500	43.2	70.3	72.0	72.8	73.7	73.8	74.6	74.6	74.6	74.6	74.7	74.7	75.0	75.0	75.0	75.1
IN 1200	44.8	74.1	76.3	77.1	78.0	78.1	78.9	79.0	79.1	79.1	79.2	79.2	79.6	79.6	79.6	79.7
IN 1000	45.8	76.4	78.8	79.6	80.8	81.0	81.9	82.0	82.1	82.1	82.2	82.2	82.6	82.6	82.6	82.7
IN 900	46.2	77.7	80.0	81.3	82.9	83.1	84.0	84.3	84.4	84.4	84.6	84.6	84.9	84.9	84.9	85.0
IN 800	46.3	78.2	81.2	82.6	84.2	84.4	85.3	85.7	85.8	85.9	86.0	86.0	86.3	86.3	86.3	86.4
IN 700	46.6	79.3	82.7	84.1	85.9	86.2	87.1	87.4	87.6	87.7	87.8	87.8	88.1	88.1	88.1	88.2
IN 600	46.8	80.1	83.7	85.2	87.2	87.6	88.7	89.2	89.3	89.4	89.6	89.6	89.9	89.9	89.9	90.0
IN 500	46.9	80.3	84.4	86.0	88.1	88.7	89.9	90.6	90.8	90.9	91.0	91.0	91.3	91.3	91.3	91.4
IN 400	47.1	81.0	85.6	87.3	89.9	90.6	92.3	93.2	93.4	93.9	94.1	94.1	94.6	94.6	94.6	94.7
IN 300	47.2	81.4	86.0	87.8	90.8	92.0	93.9	95.0	95.4	96.1	96.4	96.4	97.0	97.0	97.1	97.2
IN 200	47.2	81.4	86.0	87.8	91.1	92.3	94.4	95.9	96.4	97.2	97.9	97.9	98.6	98.6	98.7	98.8
IN 100	47.2	81.4	86.0	87.8	91.2	92.4	94.7	96.1	96.7	97.7	98.6	98.6	99.2	99.3	99.6	99.7
IN 0	47.2	81.4	86.0	87.8	91.2	92.4	94.7	96.1	96.7	97.8	98.7	98.7	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72215
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

MAP
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	≥½	≥⅓	≥¼	≥⅒	≥0
NO CEILING	45.5	48.6	49.3	49.6	49.6	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	49.3	53.5	54.4	54.7	54.8	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IN 18000	50.3	53.8	54.7	55.0	55.1	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IN 16000	50.6	54.2	55.0	55.4	55.5	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IN 14000	51.8	56.0	56.9	57.2	57.3	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IN 12000	53.1	57.8	58.7	59.0	59.1	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IN 10000	54.4	59.2	60.1	60.4	60.5	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IN 9000	54.4	59.5	60.3	60.6	60.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IN 8000	54.8	60.0	60.9	61.2	61.3	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IN 7000	55.1	60.3	61.3	61.7	61.8	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IN 6000	55.9	61.1	62.3	62.8	62.9	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IN 5000	56.6	61.8	63.0	63.6	63.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IN 4500	57.2	62.6	63.8	64.3	64.4	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IN 4000	57.4	62.8	64.0	64.5	64.6	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IN 3500	58.3	63.7	64.9	65.4	65.5	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IN 3000	58.9	64.3	65.5	66.1	66.2	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IN 2500	60.1	65.5	66.7	67.2	67.4	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IN 2000	62.2	68.9	70.1	70.6	70.7	70.8	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IN 1800	63.1	69.9	71.2	71.8	71.9	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IN 1500	66.2	74.5	75.9	76.5	76.6	76.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IN 1200	69.3	79.0	80.6	81.4	81.6	81.9	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IN 1000	70.7	81.2	83.1	84.2	84.6	85.0	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IN 900	71.4	82.9	85.2	86.3	86.9	87.1	87.4	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IN 800	71.7	83.9	86.5	87.7	88.6	89.0	89.3	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IN 700	72.2	85.0	87.9	89.1	90.4	90.7	91.1	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IN 600	72.2	85.7	89.0	90.4	92.1	92.4	93.0	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IN 500	72.4	86.5	89.9	91.5	93.6	94.2	94.7	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IN 400	72.4	86.5	90.3	91.9	94.4	95.0	95.9	97.0	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IN 300	72.5	86.6	90.4	92.0	94.8	95.7	96.6	98.1	98.4	99.1	99.6	99.6	99.7	99.7	99.7	99.7
IN 200	72.5	86.6	90.4	92.0	94.9	95.8	96.8	98.2	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0
IN 100	72.5	86.6	90.4	92.0	94.9	95.8	96.8	98.2	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0
IN 0	72.5	86.6	90.4	92.0	94.9	95.8	96.8	98.2	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

2
 FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722415
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73-81
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥ 1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	55.7	58.2	58.4	59.4	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 18000	65.1	68.6	68.8	68.8	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 16000	66.5	70.0	70.2	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 14000	66.9	70.4	70.6	70.6	70.6	70.6	70.7	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0
IV 12000	67.7	71.6	71.8	71.8	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 10000	69.6	73.4	73.8	73.8	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	70.3	74.2	74.5	74.5	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 8000	70.3	74.2	74.5	74.5	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 7000	71.0	74.9	75.3	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 6000	71.8	76.3	77.0	77.0	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 5000	72.6	77.2	77.8	77.8	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 4500	73.1	77.7	78.4	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4000	74.2	78.9	79.6	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 3500	75.1	79.9	80.5	80.5	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 3000	76.7	81.9	82.6	82.6	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2500	77.6	83.2	83.9	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2000	80.0	86.2	86.9	86.9	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1800	80.6	87.2	87.8	87.8	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1500	82.7	91.0	91.6	91.6	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1200	83.3	93.5	94.2	94.4	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1000	83.7	94.3	94.9	95.3	95.4	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900	84.7	94.8	95.5	95.8	95.9	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 800	84.7	95.5	96.2	96.6	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	84.3	95.8	96.6	97.0	97.1	97.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600	84.4	96.0	96.8	97.4	97.7	97.8	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	84.4	96.1	96.9	97.5	98.1	98.2	98.7	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	84.4	96.1	96.9	97.5	98.1	98.3	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	84.4	96.1	97.0	97.6	98.2	98.5	99.0	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	84.4	96.1	97.0	97.6	98.2	98.5	99.0	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	84.4	96.1	97.0	97.6	98.2	98.5	99.0	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	84.4	96.1	97.0	97.6	98.2	98.5	99.0	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

MAC
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	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING IN 20000	60.0	61.0	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IN 18000	75.3	77.5	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IN 16000	76.2	78.6	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IN 14000	77.0	79.4	79.5	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
IN 12000	78.9	81.6	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IN 10000	80.3	83.6	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IN 9000	81.9	85.2	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IN 8000	81.9	85.2	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IN 7000	82.8	86.5	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IN 6000	83.0	86.9	87.0	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IN 5000	83.7	87.6	87.8	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IN 4500	84.2	88.2	88.4	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IN 4000	84.3	88.3	88.6	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IN 3500	85.4	89.6	89.8	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IN 3000	87.3	91.5	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IN 2500	88.1	92.5	92.6	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IN 2000	89.0	93.8	94.1	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IN 1800	90.0	95.0	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IN 1500	90.1	95.1	95.4	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IN 1200	90.4	95.6	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IN 1000	90.8	96.4	96.7	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IN 900	90.8	96.9	97.1	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IN 800	90.9	97.1	97.3	97.4	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IN 700	91.0	97.2	97.4	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IN 600	91.1	97.4	97.7	97.9	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 500	91.1	97.4	97.7	97.9	98.7	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 400	91.1	97.4	97.7	97.9	98.9	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 300	91.1	97.4	97.7	97.9	98.9	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	91.1	97.4	97.7	97.9	98.9	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	91.1	97.4	97.7	97.9	98.9	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	91.1	97.4	97.7	97.9	98.9	98.9	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72261F
 STATION

LAUGHLIN AFB TX
 STATION NAME

70, 73-81
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	49.5	62.0	62.2	62.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	60.5	76.5	76.6	77.1	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 18000	51.7	77.8	78.1	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000	61.9	78.4	78.6	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	62.5	80.0	80.2	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	63.6	82.4	82.7	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	65.6	84.9	85.2	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 9000	65.6	85.1	85.3	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	66.5	86.5	86.7	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	66.8	87.3	87.5	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	67.4	88.0	88.3	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	67.6	88.6	88.8	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	67.9	89.0	89.2	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	68.6	89.8	90.0	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	69.4	90.9	91.1	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	70.2	92.4	92.6	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
≥ 2500	71.3	94.1	94.3	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	71.5	94.7	94.9	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	71.5	94.7	94.9	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	71.6	94.8	95.0	95.6	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	71.8	95.1	95.4	96.0	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	71.9	95.5	95.8	96.4	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	71.9	95.6	96.1	96.7	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	71.9	95.6	96.1	96.7	97.0	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	71.9	96.1	96.6	97.2	97.5	97.6	97.7	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	71.9	96.1	96.8	97.5	97.9	98.0	98.1	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	71.9	96.1	96.8	97.5	97.9	98.0	98.1	98.6	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8
≥ 400	71.9	96.1	96.8	97.6	98.0	98.1	98.6	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	71.9	96.1	96.8	97.7	98.1	98.2	98.7	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	71.9	96.1	96.8	97.7	98.1	98.2	98.7	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.9	96.1	96.8	97.7	98.1	98.2	98.7	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.9	96.1	96.8	97.7	98.1	98.2	98.7	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

192615 LAUGHLIN AFB TX 70,73,75-81 44
STATION STATION NAME YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE 100-2300
(FROM HOURLY OBSERVATIONS) HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING ≥ 27000	29.5	69.7	69.9	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
≥ 18000 M 16700	32.4	77.7	77.9	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
≥ 14000 M 12000	32.7	79.8	81.0	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
≥ 10000 M 9900	33.7	83.3	83.5	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
≥ 8000 M 7000	34.3	84.0	84.2	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
≥ 6000 M 5000	34.6	85.1	85.3	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
≥ 4500 M 4000	34.6	86.4	86.6	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
≥ 3500 M 3000	35.7	88.8	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
≥ 2500 M 2000	36.9	92.7	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
≥ 1800 M 1500	37.2	93.4	93.8	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
≥ 1200 M 1000	37.3	94.1	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
≥ 900 M 800	37.5	95.1	95.6	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
≥ 700 M 600	37.5	95.9	96.4	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
≥ 500 M 400	37.6	96.3	96.9	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
≥ 300 M 200	37.6	96.3	96.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
≥ 100 M 0	37.6	96.3	96.9	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	

TOTAL NUMBER OF OBSERVATIONS 237

GENERAL CLIMATOLOGY BRANCH
 AFCECTAC
 AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615 LAUGHLIN AFB TX

70,73-81

MAP
 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	¾	¾	≥5/16	¾	≥0
NO CEILING	38.7	57.9	58.2	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1
≥ 20000	44.9	66.6	66.9	67.3	67.5	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
≥ 18000	45.6	67.6	68.0	68.3	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9
≥ 16000	45.3	67.9	68.3	68.7	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000	46.7	69.6	70.0	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	47.6	71.3	71.7	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	48.6	72.7	73.1	73.5	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
≥ 9000	48.7	72.8	73.2	73.6	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000	49.2	73.6	74.0	74.4	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	49.5	74.2	74.6	75.0	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
≥ 6000	49.8	74.7	75.2	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 5000	50.2	75.4	76.0	76.4	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500	51.5	76.2	76.7	77.1	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7
≥ 4000	51.0	76.9	77.4	77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4
≥ 3500	51.8	78.1	78.7	79.1	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	52.5	79.4	80.0	80.4	80.6	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 2500	53.2	80.9	81.5	81.9	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 2000	54.1	82.8	83.5	83.9	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
≥ 1800	54.4	83.4	84.1	84.5	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 1500	55.4	85.8	86.6	87.1	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 1200	56.3	88.1	89.0	89.5	89.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 1000	56.3	89.3	90.3	91.0	91.4	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	57.0	90.1	91.2	91.9	92.5	92.6	92.8	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1
≥ 800	57.1	90.5	91.7	92.5	93.2	93.4	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 700	57.3	91.1	92.5	93.4	94.1	94.3	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	57.3	91.5	93.0	93.9	94.9	95.1	95.5	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 500	57.4	91.8	93.4	94.4	95.5	95.7	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	57.4	91.9	93.6	94.7	96.0	96.3	97.1	97.5	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 300	57.4	92.0	93.8	94.9	96.3	96.8	97.6	98.2	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 200	57.4	92.1	93.9	95.0	96.6	97.1	98.0	98.6	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6
≥ 100	57.4	92.1	93.9	95.0	96.6	97.1	98.1	98.7	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	57.4	92.1	93.9	95.0	96.6	97.1	98.1	98.7	98.9	99.4	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6798

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722515
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING	12.9	58.7	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 2000	13.7	65.2	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 1800	13.9	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 1600	13.7	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 1400	13.9	66.6	66.8	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
≥ 1200	13.3	67.6	67.8	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
≥ 1000	14.1	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 900	14.1	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 800	14.1	72.6	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 700	14.3	73.2	73.6	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
≥ 600	14.5	73.9	74.4	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
≥ 500	14.5	75.3	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 450	14.5	76.1	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
≥ 400	14.6	76.9	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 350	14.6	78.5	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 300	14.6	79.4	79.9	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
≥ 250	14.6	81.8	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 200	14.8	85.8	86.4	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	14.9	86.1	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	15.1	88.9	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	15.4	92.4	93.3	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	15.4	94.0	95.0	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	15.4	94.3	95.5	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	15.4	94.8	95.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	15.4	95.3	96.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	15.4	95.9	97.4	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	15.4	96.2	97.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	15.4	96.2	97.8	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	15.4	96.2	97.8	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	15.4	96.2	97.8	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	15.4	96.2	97.8	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	15.4	96.2	97.8	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 683

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615 LAUGHLIN AFB TX

70,73,75-81

APR

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	≥½	≥⅓	≥5/16	≥¼	≥0
NO CEILING	10.1	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	46.0
≥ 20000	10.3	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
IV 18000	10.5	53.4	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
IV 16000	10.6	53.6	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
IV 14000	10.6	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 12000	10.6	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 10000	11.1	58.9	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
IV 9000	11.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 8000	11.1	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 7000	11.2	59.5	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
IV 6000	11.2	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 5000	11.2	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
IV 4500	11.5	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 4000	11.5	62.2	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 3500	11.5	62.9	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 3000	12.1	65.2	65.9	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
IV 2500	12.4	68.1	68.8	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
IV 2000	12.8	72.1	72.8	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1800	12.8	73.3	74.0	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 1500	12.8	77.7	78.4	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 1200	13.2	81.2	82.2	82.2	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 1000	13.6	85.5	86.6	86.6	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 900	14.2	87.4	88.6	88.6	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 800	14.2	88.6	90.1	90.2	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 700	14.2	89.7	91.4	91.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 600	14.2	91.1	92.8	93.1	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 500	14.2	91.5	94.0	94.3	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 400	14.2	92.0	94.7	95.4	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	14.2	92.2	95.0	95.8	98.3	98.7	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	14.2	92.2	95.0	95.8	98.3	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	14.2	92.2	95.0	95.8	98.3	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	14.2	92.2	95.0	95.8	98.3	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 696

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ADW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615 LAUGHLIN AFB TX

70,73-81

APR

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	¾	¾	¾	¾	≥0
NO CEILING N 20000	26.0	36.6	37.4	37.5	37.8	37.9	38.0	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
IVN 18000 IVV 16000	30.3	43.0	44.1	44.3	44.6	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IVN 14000 IVV 12000	30.9	43.9	45.1	45.3	45.6	45.7	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IVN 10000 IVV 9000	32.3	46.4	47.7	47.9	48.3	48.4	48.5	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IVN 8000 IVV 7000	33.1	47.7	49.0	49.2	49.5	49.7	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IVN 6000 IVV 5000	34.3	49.4	50.8	51.0	51.4	51.5	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IVN 4500 IVV 4000	35.1	50.6	52.0	52.2	52.5	52.6	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IVN 3500 IVV 3000	36.1	52.1	53.4	53.8	54.3	54.4	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IVN 2500 IVV 2000	37.5	55.3	56.7	57.0	57.5	57.6	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IVN 1800 IVV 1500	40.0	60.0	61.6	62.0	62.4	62.5	62.6	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IVN 1200 IVV 1000	43.8	70.1	72.8	73.6	74.4	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IVN 900 IVV 800	45.7	75.7	79.8	81.0	82.2	82.3	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IVN 700 IVV 600	47.7	79.1	83.7	85.4	87.2	87.4	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IVN 500 IVV 400	48.3	81.1	86.2	88.3	91.1	91.4	92.0	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.2	93.2
IVN 300 IVV 200	48.4	81.5	86.9	89.3	93.1	94.0	95.6	96.9	97.7	98.6	99.1	99.1	99.3	99.3	99.4	99.4
IVN 100 IVV 0	48.4	81.5	86.9	89.3	93.1	94.0	95.6	97.1	97.9	98.9	99.3	99.3	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73-81
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	38.7	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV ≥ 20000	43.2	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 18000	43.6	47.6	48.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 16000	43.7	47.7	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 14000	43.8	47.8	48.3	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
IV 12000	44.9	48.9	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 10000	46.6	50.7	51.2	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 9000	46.8	50.9	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 8000	47.5	51.6	52.1	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 7000	48.2	52.3	52.7	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 6000	48.6	52.7	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 5000	48.7	52.8	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 4500	49.3	53.4	53.9	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
IV 4000	49.9	54.4	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 3500	50.7	55.4	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 3000	51.2	56.4	56.4	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
IV 2500	52.7	58.4	58.9	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
IV 2000	55.6	63.0	63.7	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
IV 1800	56.8	64.9	65.6	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 1500	60.9	71.8	73.0	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 1200	64.0	78.2	79.8	80.9	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1000	65.0	81.5	83.6	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 900	65.7	83.7	86.1	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 800	66.1	85.5	88.3	89.7	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 700	66.1	86.7	90.1	91.6	92.6	92.7	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 600	66.5	87.7	91.4	93.3	94.5	95.0	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 500	66.6	88.2	92.2	94.1	95.5	96.0	96.3	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 400	66.6	88.4	92.5	94.5	96.3	97.1	97.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	66.6	88.4	92.6	94.6	96.4	97.2	97.8	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	66.6	88.4	92.6	94.6	96.4	97.2	97.9	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	66.6	88.4	92.6	94.6	96.4	97.2	97.9	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	66.6	88.4	92.6	94.6	96.4	97.2	97.9	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 895

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615 LAUGHLIN AFB TX

70,73-81

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥¼	≥0	
NO CEILING IV 20000	49.7	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	53.1	
IV 18000 IV 16000	57.4	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	
IV 14000 IV 12000	58.2	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	
IV 10000 IV 9000	59.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
IV 8000 IV 7000	59.8	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	
IV 6000 IV 5000	61.3	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	
IV 4500 IV 4000	62.3	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	
IV 3500 IV 3000	62.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
IV 2500 IV 2000	63.2	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	
IV 1800 IV 1500	63.7	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	
IV 1200 IV 1000	63.9	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
IV 900 IV 800	65.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	
IV 700 IV 600	67.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	
IV 500 IV 400	68.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	
IV 300 IV 200	71.2	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	
IV 100 0	73.8	84.6	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	
	74.6	86.0	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	
	77.0	90.7	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	
	78.6	93.6	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	
	79.2	95.2	96.0	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	
	79.6	95.9	96.7	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	
	79.6	96.1	97.0	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	
	79.7	96.4	97.3	97.9	98.3	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	
	79.9	96.7	97.6	98.1	98.7	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	
	80.0	96.8	97.7	98.2	98.9	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	
	80.0	96.8	97.7	98.2	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	
	80.0	96.8	97.7	98.2	99.0	99.1	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	
	80.0	96.8	97.7	98.2	99.0	99.1	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	
	80.0	96.8	97.7	98.2	99.0	99.1	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	
	80.0	96.8	97.7	98.2	99.0	99.1	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	52.7	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	68.4	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	69.3	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
≥ 16000	69.6	76.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	71.5	78.8	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	79.6
≥ 12000	73.5	80.9	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
≥ 10000	75.1	82.8	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000	75.3	83.1	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	76.0	84.0	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	76.1	84.2	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	76.6	84.9	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	77.4	85.9	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	78.0	86.5	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	79.2	88.2	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	81.5	90.9	91.6	91.7	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	82.2	92.3	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	82.6	92.7	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	83.6	94.3	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	83.7	94.5	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	84.8	96.0	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	85.6	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	85.8	97.7	98.5	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	85.9	97.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	85.9	97.8	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	86.0	97.9	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	86.0	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	86.0	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	86.0	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	86.0	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	86.0	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	86.0	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
0	86.0	97.9	99.0	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 895

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

APR
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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.1	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	58.1	77.5	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
IV 18000	58.8	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 16000	58.8	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	79.1
IV 14000	60.3	82.0	82.2	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
IV 12000	61.6	83.8	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 10000	63.0	86.4	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 9000	63.0	86.4	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 8000	63.5	87.3	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 7000	64.0	88.5	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 6000	64.4	89.5	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 5000	64.4	90.0	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	64.9	91.0	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4000	65.4	91.5	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	66.1	93.0	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3000	66.1	93.2	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2500	66.6	94.6	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	66.7	95.2	96.0	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	66.9	95.4	96.3	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500	67.6	96.8	97.7	97.7	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	67.9	97.4	98.3	98.3	98.4	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	67.9	97.5	98.4	98.4	98.5	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	67.9	97.8	98.6	98.6	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	68.0	97.9	99.0	99.0	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	68.1	98.0	99.1	99.1	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	68.1	98.1	99.3	99.3	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	68.1	98.1	99.3	99.3	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	68.1	98.1	99.4	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	68.1	98.1	99.4	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	68.1	98.1	99.4	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	68.1	98.1	99.4	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	68.1	98.1	99.4	99.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	22.3	63.5	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
≥ 20000	25.9	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IN 18000	26.2	74.8	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
IN 6000	26.2	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
IN 14000	26.3	77.2	77.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IN 2000	26.3	79.0	79.1	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
IN 12000	26.4	81.7	81.9	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
IN 9000	26.4	81.7	81.9	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
IN 8000	26.5	82.2	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IN 7000	27.0	83.0	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IN 6000	27.2	84.0	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IN 5000	27.2	85.0	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IN 4500	27.3	86.1	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IN 4000	27.7	87.0	87.2	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IN 3500	27.7	88.4	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IN 3000	27.7	89.5	89.9	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
IN 2500	28.0	91.7	92.2	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IN 2000	28.3	93.9	94.6	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IN 1800	28.4	94.4	95.1	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IN 1500	28.7	95.0	95.7	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IN 1200	29.3	95.7	96.6	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IN 1000	29.7	96.5	97.4	97.4	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 900	29.9	97.2	98.1	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IN 800	29.9	97.2	98.1	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 700	30.0	97.5	98.5	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 600	30.0	97.6	98.6	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 500	30.0	97.6	98.6	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 400	30.0	97.6	98.6	99.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 300	30.0	97.6	98.6	99.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	30.0	97.6	98.6	99.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	30.0	97.6	98.6	99.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	30.0	97.6	98.6	99.0	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
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	¾	¾	≥5/16	¾	≥0
NO CEILING	33.0	51.5	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	40.1	62.1	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 18000	40.4	62.6	63.0	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
IV 16000	40.6	62.8	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 14000	41.3	64.3	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
IV 12000	42.0	65.6	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 10000	43.0	68.0	68.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000	43.1	68.1	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 8000	43.6	68.9	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
IV 7000	44.0	69.5	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 6000	44.3	70.3	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 5000	44.6	70.9	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 4500	44.9	71.7	72.2	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4000	45.5	72.7	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7
IV 3500	46.4	74.2	74.8	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
IV 3000	47.0	75.6	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 2500	47.8	77.8	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 2000	49.0	80.8	81.6	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 1800	49.4	81.7	82.5	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 1500	50.9	85.2	86.1	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
IV 1200	52.0	88.2	89.3	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1000	52.5	90.1	91.5	92.0	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 900	52.9	91.1	92.7	93.3	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 800	53.1	91.8	93.5	94.2	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 700	53.3	92.5	94.4	95.1	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 600	53.4	93.1	95.1	95.9	96.8	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	53.5	93.3	95.5	96.3	97.4	97.5	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	53.5	93.4	95.7	96.6	97.9	98.2	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3
IV 300	53.5	93.5	95.8	96.7	98.0	98.4	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	53.5	93.5	95.8	96.7	98.1	98.4	98.9	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	53.5	93.5	95.8	96.7	98.1	98.4	98.9	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	53.5	93.5	95.8	96.7	98.1	98.4	98.9	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6547

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615 LAUGHLIN AFB TX

70,75-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3000-C200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥ 1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/4	≥ 1/8
NO CEILING	11.3	54.7	55.6	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	11.3	64.1	65.2	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	11.9	64.7	65.8	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
≥ 16000	12.1	64.9	66.0	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	12.2	65.3	66.4	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	12.2	66.6	67.6	68.4	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	13.0	69.2	70.2	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	13.0	69.2	70.2	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	13.0	69.8	70.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	13.0	69.8	70.8	71.8	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	13.7	70.1	71.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 5000	13.3	71.1	72.4	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	13.7	71.9	73.1	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000	13.3	72.2	73.4	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	13.1	74.5	75.9	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	13.3	76.5	77.9	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	13.3	79.2	80.6	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	13.3	82.1	83.8	84.9	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	13.3	83.1	84.7	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	13.4	87.8	90.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	13.4	89.9	92.5	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	13.4	91.1	94.4	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	13.4	91.8	95.1	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	13.4	92.8	96.2	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	13.4	93.4	96.8	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	13.4	94.0	97.4	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	13.4	94.0	97.4	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
≥ 400	13.4	94.4	97.7	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
≥ 300	13.4	94.4	97.9	98.9	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	13.4	94.4	97.9	98.9	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	13.4	94.4	97.9	98.9	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	13.4	94.4	97.9	98.9	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 655

2

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722515 LAUGHLIN AFB TX 70, 75-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

700-050
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	12.1	39.9	40.2	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	13.2	46.2	46.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 18000	13.2	46.7	47.3	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
≥ 16000	13.2	46.7	47.3	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
≥ 14000	13.2	47.0	47.3	48.3	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	13.4	48.4	48.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 10000	13.8	50.1	50.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000	13.8	50.4	50.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 8000	14.2	51.1	51.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 7000	14.2	51.4	51.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 6000	14.2	52.0	52.3	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
≥ 5000	14.2	53.0	53.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 4500	14.2	53.1	54.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 4000	14.4	54.3	55.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 3500	14.5	55.3	56.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 3000	14.5	57.7	58.8	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 2500	15.4	61.0	62.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 2000	16.2	65.8	67.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1800	16.4	67.5	69.1	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1500	17.2	73.6	75.8	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1200	17.8	78.9	81.8	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1000	18.2	82.6	86.7	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	18.4	84.3	88.2	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	18.7	86.0	90.3	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	18.9	87.0	91.9	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	18.9	88.0	93.2	94.7	95.7	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	18.9	88.6	94.4	96.2	97.7	97.7	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	18.9	88.7	94.7	96.6	98.4	98.4	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	18.9	88.9	94.9	97.0	99.1	99.1	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	18.9	88.9	94.9	97.0	99.1	99.1	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	18.9	88.9	94.9	97.0	99.1	99.1	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ U	18.9	88.9	94.9	97.0	99.1	99.1	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 702

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722115
 STATION

LAUGHLIN AFB TX
 STATION NAME

70,73-81
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-2400
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
≥ 20000	23.6	29.0	29.8	30.0	31.2	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 18000	26.8	32.6	33.4	33.8	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 16000	27.1	33.1	33.9	34.4	35.6	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 14000	27.9	34.5	35.3	35.7	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 12000	29.1	36.0	36.9	37.3	38.7	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 10000	30.5	38.2	39.4	39.9	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 9000	30.9	38.5	39.6	40.2	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 8000	31.1	38.9	40.0	40.6	42.0	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 7000	31.4	39.3	40.4	41.0	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 6000	32.1	40.8	42.1	42.8	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 5000	33.0	42.1	43.3	44.0	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 4500	33.7	42.9	44.1	44.8	46.2	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 4000	34.5	44.1	45.4	46.0	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 3500	35.3	45.8	47.1	47.7	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 3000	36.2	48.0	49.7	50.5	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 2500	38.1	51.2	53.3	54.2	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 2000	40.6	55.0	57.1	58.1	60.1	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 1800	41.4	56.2	58.5	59.6	61.5	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1500	45.4	62.8	65.3	66.6	68.9	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1200	47.9	67.8	70.7	72.3	75.0	75.3	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1000	49.3	70.8	74.7	76.6	79.5	79.9	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 900	50.2	73.0	77.3	79.6	82.7	83.0	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 800	51.0	75.5	80.7	82.6	86.2	86.5	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700	51.4	77.4	82.8	85.4	89.4	89.7	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	51.5	78.2	83.7	86.8	91.2	91.5	92.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 500	51.5	79.0	84.8	87.9	93.7	94.1	95.1	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	51.5	79.1	85.2	88.3	94.6	95.0	96.4	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	51.5	79.1	85.2	88.3	94.6	95.5	97.2	98.1	98.4	98.9	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	51.5	79.1	85.2	88.3	94.8	95.6	97.4	98.3	98.6	99.1	99.4	99.5	99.8	99.8	99.9	99.9
≥ 100	51.5	79.1	85.2	88.3	94.8	95.6	97.4	98.3	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0
≥ 0	51.5	79.1	85.2	88.3	94.8	95.6	97.4	98.3	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 884

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722016 LAUGHLIN AFB TX

70,73-91

72Y

STATION STATION NAME YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

400-117
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING	33.2	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 2000	38.1	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 1800	38.4	42.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 1600	38.7	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 1400	38.7	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 1200	40.7	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1000	41.7	45.7	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 900	41.5	45.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 800	42.3	46.7	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 700	42.4	46.8	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 600	43.6	48.0	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 500	44.2	48.6	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 4500	44.5	49.0	49.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 4000	45.2	49.9	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 3500	46.9	52.1	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
≥ 3000	47.9	54.3	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 2500	49.3	56.8	58.6	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
≥ 2000	53.7	63.5	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 1800	55.3	65.9	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 1500	59.5	72.7	75.7	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1200	63.0	79.9	83.8	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1000	64.4	83.5	88.2	89.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900	64.8	84.6	89.7	90.8	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	65.3	85.4	90.9	92.1	93.1	93.7	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	65.4	86.1	91.9	93.4	94.6	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	65.4	86.3	92.2	93.9	95.3	96.0	96.4	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	65.4	86.3	92.5	94.2	96.0	96.7	97.4	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	65.4	86.3	92.5	94.2	96.1	96.9	97.8	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	65.4	86.3	92.5	94.2	96.1	96.9	97.8	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	65.4	86.3	92.5	94.2	96.1	96.9	97.8	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	65.4	86.3	92.5	94.2	96.1	96.9	97.8	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	65.4	86.3	92.5	94.2	96.1	96.9	97.8	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

AT-A116 094

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(11)
APR 82

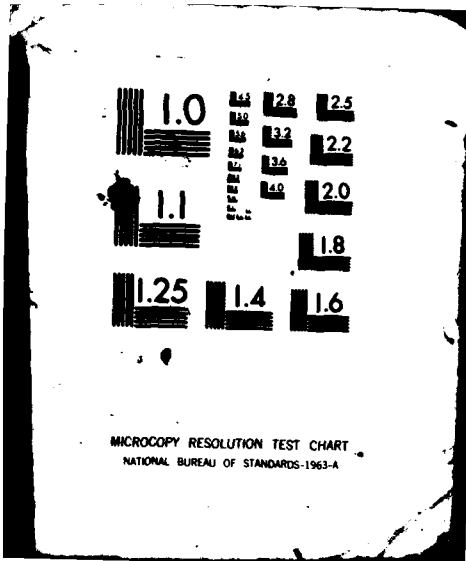
UNCLASSIFIED USAFETAC/DS-82/026

SBI-AD-E850 173

NL

9 5

The main body of the document is a large grid consisting of 10 columns and 10 rows. The grid is almost entirely blacked out, with only a few white cells visible. The top-left cell contains the number '9 5'. The rest of the grid is solid black, indicating redacted data. The grid is enclosed in a white border.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615 LAUGHLIN AFB TX

70,73-81

MAY

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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	48.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 18000 IV 16000	56.2	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 14000 IV 12000	56.7	63.3	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
IV 10000 IV 9000	59.0	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 8000 IV 7000	59.8	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 6000 IV 5000	60.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 4500 IV 4000	62.3	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 3500 IV 3000	65.7	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 2500 IV 2000	71.4	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 1800 IV 1500	74.7	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200 IV 1000	77.5	95.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IV 900 IV 800	77.7	97.1	98.6	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 700 IV 600	77.7	97.2	98.7	98.8	99.1	99.1	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500 IV 400	77.7	97.2	98.7	98.8	99.1	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300 IV 200	77.7	97.2	98.7	98.8	99.1	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 IV 0	77.7	97.2	98.7	98.8	99.1	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	52.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	70.5	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	77.9	77.9
IN 18000	71.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IN 16000	71.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IN 14000	72.3	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	80.0
IN 12000	72.5	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
IN 10000	74.3	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
IN 9000	74.6	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IN 8000	75.0	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	85.3	85.3
IN 7000	75.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IN 6000	75.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IN 5000	76.0	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IN 4500	76.2	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
IN 4000	76.6	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	89.0
IN 3500	78.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IN 3000	80.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IN 2500	81.6	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IN 2000	82.7	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IN 1800	82.9	98.1	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
IN 1500	83.0	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 1200	83.1	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1000	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 900	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 800	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 700	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 600	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 500	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 400	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 300	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 200	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 100	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 0	83.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	42.1	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥20000	59.6	77.0	77.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥18000	60.4	78.1	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
≥16000	60.7	78.5	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
≥14000	61.9	80.4	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	81.0
≥12000	62.3	82.1	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥10000	64.1	86.0	86.5	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥9000	64.9	87.3	87.8	88.0	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥8000	65.3	88.2	88.6	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥7000	65.3	88.1	88.4	88.5	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥6000	65.7	88.8	89.3	89.5	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥5000	66.3	89.5	90.5	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥4500	67.0	91.0	91.6	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥4000	67.7	92.5	93.1	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥3500	68.1	93.8	94.7	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥3000	68.6	95.3	96.4	96.7	96.9	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥2500	69.0	96.5	97.8	98.0	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥2000	69.5	97.8	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥1800	69.5	97.7	98.9	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥1500	69.6	97.8	99.1	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	69.6	97.9	99.1	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	69.6	97.8	99.1	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
≥900	69.6	97.9	99.1	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
≥800	69.6	97.8	99.1	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
≥700	69.6	97.9	99.1	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
≥600	69.6	97.8	99.1	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
≥500	69.6	97.9	99.1	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
≥400	69.6	97.8	99.1	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
≥300	69.6	97.9	99.1	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
≥200	69.6	97.8	99.1	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
≥100	69.6	97.9	99.1	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
≥0	69.6	97.8	99.1	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

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING ≥ 20000	22.8	61.4	61.8	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
INV 18000	25.3	76.7	77.9	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
INV 16000	25.7	77.6	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
INV 14000	25.7	78.4	79.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
INV 12000	26.9	80.8	81.6	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
INV 10000	26.9	84.2	85.0	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
INV 9000	27.2	84.7	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
INV 8000	27.2	84.7	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
INV 7000	27.2	84.7	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
INV 6000	27.4	85.3	86.0	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
INV 5000	27.5	86.0	86.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
INV 4500	27.5	86.0	86.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
INV 4000	27.5	86.0	86.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
INV 3500	28.3	89.0	91.0	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
INV 3000	28.3	91.0	92.2	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
INV 2500	28.3	92.0	94.1	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
INV 2000	28.6	93.5	96.0	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
INV 1800	28.6	95.0	96.5	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
INV 1500	28.7	96.5	97.5	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
INV 1200	28.7	96.5	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
INV 1000	28.7	97.0	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
INV 900	28.7	97.1	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
INV 800	28.7	97.1	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
INV 700	28.7	97.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
INV 600	28.7	97.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
INV 500	28.7	97.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
INV 400	28.7	97.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
INV 300	28.7	97.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
INV 200	28.7	97.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
INV 100	28.7	97.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
INV 0	28.7	97.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 767

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.V.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	32.2	47.8	48.2	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	39.9	59.9	60.0	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IN 18000	39.8	60.1	60.6	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IN 16000	39.9	60.3	60.8	61.1	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IN 14000	40.4	61.2	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
IN 12000	41.1	62.0	62.3	62.6	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IN 10000	42.3	65.2	65.8	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IN 9000	42.6	65.6	66.2	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IN 8000	43.0	66.2	66.8	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IN 7000	43.1	66.9	67.0	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IN 6000	43.9	67.1	67.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IN 5000	44.1	68.2	68.8	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IN 4500	44.4	68.8	69.5	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IN 4000	45.0	70.0	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IN 3500	46.0	71.8	72.7	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IN 3000	47.2	74.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IN 2500	48.2	77.0	78.2	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
IN 2000	49.8	80.5	81.6	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IN 1800	50.3	81.8	82.9	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IN 1500	51.4	83.1	84.1	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IN 1200	52.4	84.5	85.5	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IN 1000	53.3	85.9	86.9	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IN 900	53.5	86.6	87.6	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IN 800	53.7	87.3	88.3	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IN 700	53.4	87.9	88.9	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IN 600	53.6	88.6	89.6	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
IN 500	53.4	89.2	90.2	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IN 400	53.6	89.9	90.9	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IN 300	53.4	90.5	91.5	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IN 200	53.6	91.2	92.2	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IN 100	53.4	91.8	92.8	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IN 0	53.6	92.5	93.5	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 6562

FORM 87-1 (REV. 1-63) (GPO) : 1963 O-305 (GPO) : 1963

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70, 73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	20.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	21.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IN 18000	21.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IN 16000	21.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IN 14000	21.6	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
IN 12000	21.6	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	84.8	84.8
IN 10000	22.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IN 9000	22.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IN 8000	22.3	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
IN 7000	22.3	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
IN 6000	22.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IN 5000	22.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IN 4500	22.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IN 4000	22.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IN 3500	22.9	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IN 3000	23.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IN 2500	23.9	93.1	93.1	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
IN 2000	23.8	94.8	94.8	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
IN 1800	23.8	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IN 1500	24.3	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IN 1200	24.3	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IN 1000	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 900	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 800	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 700	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 600	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 500	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 400	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 300	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 200	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 100	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 0	24.8	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73,75-81
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	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING	18.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	20.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	21.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	21.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	21.0	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	65.8	65.8
≥ 12000	21.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	21.1	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	67.8
≥ 9000	21.1	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	67.8
≥ 8000	21.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	21.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	21.3	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	68.1	68.1	68.1
≥ 5000	21.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	21.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	21.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	21.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3000	22.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500	22.6	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	75.7	75.7	75.7
≥ 2000	23.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1800	24.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1500	26.2	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	27.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	28.7	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	96.1
≥ 900	28.4	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	28.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	28.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	28.4	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	99.0
≥ 500	28.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	28.4	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	99.5	99.5
≥ 300	28.4	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	28.4	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	28.4	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	28.4	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEAR

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	32.6	39.7	41.1	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV ≥ 18000	35.3	43.5	45.1	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 16000	35.6	43.8	45.5	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
IV 14000	36.0	44.2	45.8	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 12000	37.2	45.7	47.4	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 10000	39.3	47.9	49.6	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 9000	39.3	47.9	49.6	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 8000	39.9	48.3	50.1	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 7000	39.7	48.5	50.3	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
IV 6000	39.9	48.7	50.4	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 5000	40.1	48.9	50.6	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 4500	40.3	49.2	51.1	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 4000	41.1	50.2	52.1	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 3500	42.1	51.1	53.0	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 3000	42.6	51.7	53.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 2500	44.2	54.4	56.5	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 2000	47.5	60.1	62.3	63.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 1800	49.4	62.6	64.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 1500	57.3	73.0	75.1	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 1200	62.3	80.0	82.1	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 1000	64.5	84.6	86.9	88.2	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 900	65.4	87.5	89.7	91.0	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 800	66.4	89.3	91.6	93.0	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 700	66.9	90.6	93.1	94.5	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1
IV 600	67.1	91.6	94.1	95.5	96.7	96.8	97.3	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7
IV 500	67.1	91.7	94.5	95.9	97.2	97.3	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
IV 400	67.1	91.8	94.6	96.1	98.2	98.4	98.7	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 300	67.1	91.8	95.0	96.6	98.5	98.6	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
IV 200	67.1	91.8	95.0	96.6	98.5	98.6	99.2	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
IV 100	67.1	91.8	95.0	96.6	98.5	98.6	99.2	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
IV 0	67.1	91.8	95.0	96.6	98.5	98.6	99.2	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 853

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

JUN

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	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	43.4	47.7	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 18000	47.6	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	48.4	53.4	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 14000	49.2	54.2	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 12000	50.6	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 10000	52.6	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 9000	52.6	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 8000	53.3	58.8	59.0	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
IV 7000	53.5	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 6000	53.6	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 5000	53.8	59.6	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
IV 4500	53.9	59.7	59.9	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
IV 4000	55.1	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 3500	56.8	62.6	62.9	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
IV 3000	58.2	64.9	64.8	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
IV 2500	62.3	69.1	69.6	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
IV 2000	70.3	77.7	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 1800	72.5	80.5	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 1500	79.2	89.1	89.6	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
IV 1200	81.0	92.6	93.0	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
IV 1000	82.0	94.7	95.1	95.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 900	82.4	95.4	96.4	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	82.4	95.8	97.0	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
IV 700	82.4	96.5	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	82.4	96.6	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	82.4	96.6	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	82.4	96.6	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	82.4	96.6	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 200	82.4	96.6	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 100	82.4	96.6	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 0	82.4	96.6	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	67.4	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	72.3	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	77.4
IN 18000	72.7	77.9	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
IN 16000	73.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IN 14000	74.1	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
IN 12000	75.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IN 10000	76.9	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IN 9000	76.9	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
IN 8000	77.2	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IN 7000	77.3	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IN 6000	77.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IN 5000	77.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IN 4500	78.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IN 4000	78.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IN 3500	80.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IN 3000	82.7	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IN 2500	85.3	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IN 2000	88.2	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IN 1800	88.3	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IN 1500	89.0	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IN 1200	89.4	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1000	89.6	98.5	99.1	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
IN 900	89.6	98.5	99.1	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
IN 800	89.6	98.5	99.1	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
IN 700	89.6	98.5	99.1	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
IN 600	89.6	98.5	99.1	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
IN 500	89.6	98.5	99.1	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
IN 400	89.6	98.5	99.1	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
IN 300	89.6	98.5	99.1	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
IN 200	89.6	98.5	99.1	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
IN 100	89.6	98.5	99.1	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
IN 0	89.6	98.5	99.1	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

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
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	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	73.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	82.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IVN 18000	83.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IVN 16000	83.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IVN 14000	84.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IVN 12000	86.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVN 10000	88.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IVN 9000	88.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IVN 8000	89.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IVN 7000	89.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IVN 6000	89.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVN 5000	90.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IVN 4500	90.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IVN 4000	90.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVN 3500	91.3	95.3	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
IVN 3000	93.2	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVN 2500	93.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVN 2000	94.1	98.8	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	99.1
IVN 1800	94.1	98.8	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	99.1
IVN 1500	94.6	99.3	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVN 1200	94.7	99.4	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	99.8
IVN 1000	94.7	99.4	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	99.8
IVN 900	94.7	99.4	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	99.8
IVN 800	94.7	99.4	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	99.8
IVN 700	94.7	99.4	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	99.8
IVN 600	94.7	99.4	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	99.8
IVN 500	94.7	99.4	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	99.8
IVN 400	94.7	99.4	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	99.8
IVN 300	94.7	99.4	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	99.8
IVN 200	94.7	99.4	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	99.8
IVN 100	94.7	99.4	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	99.8
IVN 0	94.7	99.4	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	99.8

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2300
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 ≥ 20000	65.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IVM 18000 16000	82.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IVM 14000 12000	83.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IVM 10000 9000	85.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IVM 8000 7000	86.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IVM 6000 5000	87.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IVM 4500 4000	88.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
IVM 3500 3000	88.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IVM 2500 2000	89.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IVM 1800 1500	89.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IVM 1200 1000	90.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IVM 900 800	90.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IVM 700 600	90.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IVM 500 400	90.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IVM 300 200	90.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IVM 100 0	90.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	29.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	35.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 18000	35.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 16000	35.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 14000	35.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 12000	36.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 10000	37.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 9000	37.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 8000	37.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 7000	37.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 6000	37.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 5000	38.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 4500	38.1	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	95.9	95.9
IV 4000	38.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 3500	38.8	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3000	39.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2500	39.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2000	39.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1800	39.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	39.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	39.4	99.0	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 1000	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 900	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 800	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 700	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 600	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 500	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 400	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0
IV 300	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0
IV 200	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0
IV 100	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0
IV 0	39.4	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AWP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
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	¾	¾	¾	¾/16	¾	≥0
NO CEILING ≥ 20000	45.8	64.8	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
IV 18000	51.7	72.8	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	73.1
IV 16000	52.0	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 14000	52.3	73.5	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 12000	52.8	74.2	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 10000	54.0	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 9000	55.3	77.6	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 8000	55.5	78.1	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 7000	55.9	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 6000	55.9	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 5000	56.0	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 4500	56.3	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 4000	56.5	79.6	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	80.0
IV 3500	57.0	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 3000	57.8	81.4	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 2500	58.8	82.9	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 2000	60.1	84.9	85.3	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
IV 1800	62.3	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1500	63.0	89.0	89.4	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1200	65.4	92.8	93.3	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1000	66.5	94.8	95.3	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900	67.1	96.3	96.8	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
IV 800	67.4	96.9	97.5	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	67.4	97.2	97.9	98.1	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 600	67.5	97.6	98.2	98.5	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	67.5	97.8	98.4	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 400	67.5	97.9	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 300	67.5	97.9	98.6	98.9	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 200	67.5	97.9	98.6	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	67.5	97.9	98.6	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	67.5	97.9	98.6	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
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	¾	¾	≥5/16	¾	≥0
NO CEILING	25.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 20000	27.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 18000	27.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 16000	27.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 14000	27.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 12000	28.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 10000	28.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 9000	28.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 8000	28.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 7000	28.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 6000	28.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 5000	28.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	28.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 4000	28.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	28.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3000	28.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2500	28.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	28.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	28.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	28.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1200	28.9	97.9	97.9	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
IV 1000	28.9	98.5	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
IV 900	28.9	98.8	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
IV 800	28.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	28.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	28.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	28.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	28.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	28.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	28.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	28.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	28.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 665

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,75-81
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	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	27.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	30.1	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	78.1	78.1
IV 18000	30.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 16000	30.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 14000	30.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 12000	30.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 10000	30.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 9000	30.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 8000	30.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 7000	30.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 6000	30.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 5000	30.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4500	30.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	30.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 3500	30.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 3000	31.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2500	31.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2000	32.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1800	32.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1500	33.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1200	33.1	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	33.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	33.2	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	33.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	33.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	33.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	33.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	33.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	33.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	33.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	33.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	33.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
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	¾	¾	¾	¾	≥0
NO CEILING	45.4	55.8	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
≥ 20000	46.9	58.0	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
IN 18000	47.2	58.3	58.9	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
IN 16000	47.2	58.3	58.9	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
IN 14000	47.8	59.1	59.7	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
IN 12000	50.2	61.7	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IN 10000	51.1	63.1	63.7	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
IN 9000	51.3	63.3	63.9	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
IN 8000	51.6	63.8	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IN 7000	51.6	63.9	64.5	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
IN 6000	51.9	64.1	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IN 5000	52.0	64.2	64.8	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
IN 4500	52.2	64.6	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IN 4000	52.3	64.9	65.5	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
IN 3500	52.8	65.6	66.2	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
IN 3000	52.9	66.3	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IN 2500	54.1	68.3	68.9	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
IN 2000	57.3	73.2	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IN 1800	59.3	75.9	76.0	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
IN 1500	64.7	82.9	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IN 1200	68.4	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IN 1000	71.6	92.8	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
IN 900	72.5	94.9	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IN 800	73.6	96.6	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 700	73.6	97.3	98.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 600	73.6	97.7	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 500	73.6	98.1	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 400	73.6	98.2	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IN 300	73.6	98.3	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	73.6	98.3	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	73.6	98.3	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	73.6	98.3	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

JUL

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	¾	¾	≥3/16	¾	≥0
NO CEILING ≥ 20000	52.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
18000	55.9	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
16000	56.2	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	61.2
14000	56.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
12000	57.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
10000	59.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
9000	61.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
8000	61.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
7000	61.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
6000	61.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
5000	61.8	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
4500	61.8	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
4000	61.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
3500	62.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
3000	63.5	69.7	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	69.8
2500	65.1	71.5	71.5	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
2000	67.1	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
1800	72.4	80.5	80.5	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
1500	74.3	82.6	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
1200	80.5	90.5	90.6	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
1000	82.4	92.4	93.1	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
900	84.4	96.3	96.6	96.8	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
800	84.8	97.1	97.6	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
700	84.9	97.1	98.0	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	84.9	97.1	98.0	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	84.9	97.1	98.0	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	84.9	97.1	98.0	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	84.9	97.1	98.0	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	84.9	97.1	98.0	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	84.9	97.1	98.0	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	84.9	97.1	98.0	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70,73-81

JUL

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	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	69.4	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	75.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
I/W 18000	75.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
I/W 16000	76.3	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	81.4	81.4
I/W 14000	77.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
I/W 12000	79.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
I/W 10000	81.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
I/W 9000	81.7	86.8	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
I/W 8000	82.0	87.8	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
I/W 7000	82.5	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
I/W 6000	82.6	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
I/W 5000	82.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
I/W 4500	83.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
I/W 4000	83.8	90.7	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	90.9
I/W 3500	85.2	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	92.0
I/W 3000	86.5	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
I/W 2500	87.7	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
I/W 2000	88.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
I/W 1800	88.7	96.4	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
I/W 1500	89.2	97.0	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
I/W 1200	89.3	97.2	97.4	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
I/W 1000	89.5	97.7	98.2	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
I/W 900	89.8	98.3	98.5	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
I/W 800	89.8	98.7	98.8	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
I/W 700	89.8	98.2	98.6	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
I/W 600	89.7	98.1	98.7	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
I/W 500	89.7	98.3	98.7	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
I/W 400	89.7	98.1	98.7	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
I/W 300	89.7	98.3	98.7	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
I/W 200	89.7	98.3	98.7	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
I/W 100	89.7	98.3	98.7	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
0	89.7	98.3	98.7	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 929

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	70.2	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	73.5
≥ 18000	80.9	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	84.6
≥ 16000	81.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 14000	82.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 12000	85.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 10000	87.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	87.6	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
≥ 8000	87.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	88.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	88.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	88.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	88.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	89.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	90.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	91.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	91.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	92.0	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	99.1
≥ 1800	92.0	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	99.1
≥ 1500	92.0	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	99.1
≥ 1200	92.0	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	99.1
≥ 1000	92.0	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	99.1
≥ 900	92.0	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	99.1
≥ 800	92.0	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	99.1
≥ 700	92.0	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	99.1
≥ 600	92.0	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	99.1
≥ 500	92.0	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	99.1
≥ 400	92.0	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	99.1
≥ 300	92.0	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	99.1
≥ 200	92.0	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	99.1
≥ 100	92.0	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	99.1
0	92.0	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	99.1

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	68.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	77.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 18000	77.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 16000	78.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 14000	79.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 12000	81.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 10000	83.5	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 9000	83.6	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 8000	83.9	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 7000	83.9	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 6000	84.2	94.3	94.5	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
IV 5000	84.2	94.4	94.6	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 4500	84.3	94.6	95.0	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 4000	85.0	95.9	96.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 3500	85.3	96.7	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3000	85.7	97.8	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
IV 2500	85.8	98.0	98.4	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2000	85.8	98.3	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	85.8	98.3	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	85.9	98.4	99.0	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	85.9	98.6	99.0	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	86.0	98.7	99.1	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	86.0	98.7	99.1	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	86.0	98.8	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	86.0	98.8	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	86.0	98.8	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	86.0	98.8	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	86.0	98.8	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	86.0	98.8	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	86.0	98.8	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	86.0	98.8	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	86.0	98.8	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.G.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	37.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 20000	40.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 18000	40.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 16000	40.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 14000	40.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 12000	41.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 10000	41.2	92.3	92.3	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
IV 9000	41.2	92.3	92.3	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
IV 8000	41.2	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 7000	41.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 6000	41.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 5000	41.5	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 4500	41.6	94.2	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 4000	41.9	95.3	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 3500	41.9	96.0	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 3000	41.9	96.8	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2500	41.9	96.9	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2000	42.0	97.5	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	42.0	97.6	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	42.1	98.1	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	42.1	98.4	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	42.1	98.8	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	42.1	99.0	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	42.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	42.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	42.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	42.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	42.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	42.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	42.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	42.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	42.1	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70, 73-81

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	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	51.2	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IVW 18000 16000	56.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IVW 14000 12000	57.4	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IVW 10000 9000	60.2	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IVW 8000 7000	60.5	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IVW 6000 5000	60.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IVW 4500 4000	61.1	84.6	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IVW 3500 3000	62.1	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IVW 2500 2000	63.5	89.1	89.3	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IVW 1800 1500	65.4	91.9	92.1	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
IVW 1200 1000	67.9	95.8	96.1	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IVW 900 800	68.8	97.8	98.1	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVW 700 600	69.0	98.5	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVW 500 400	69.0	98.8	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVW 300 200	69.0	98.7	99.1	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVW 100 0	69.0	98.7	99.1	99.4	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6666

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	26.3	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 20000	27.7	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 18000	28.3	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	91.8
IV 16000	28.7	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	91.8
IV 14000	28.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 12000	28.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 10000	28.6	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 9000	28.6	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 8000	28.7	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 7000	29.7	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 6000	29.4	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 5000	30.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 4500	30.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 4000	30.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 3500	30.3	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3000	30.5	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2500	30.5	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 2000	30.6	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	30.6	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	30.6	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	30.9	98.7	99.1	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
IV 1000	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	30.9	98.7	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 669

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

70, 73, 75-81

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	27.1	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	79.3	79.3
IN 18000 IN 16000	28.1	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IN 14000 IN 12000	28.3	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	83.8	83.8
IN 10000 IN 9000	28.7	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	85.2
IN 8000 IN 7000	29.0	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IN 6000 IN 5000	29.7	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IN 4500 IN 4000	30.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IN 3500 IN 3000	31.3	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IN 2500 IN 2000	31.7	91.3	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
IN 1800 IN 1500	32.7	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IN 1200 IN 1000	34.4	97.6	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
IN 900 IN 800	34.9	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 700 IN 600	34.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 500 IN 400	34.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 300 IN 200	34.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100 0	34.9	99.1	100.0	100.0	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 704

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	46.9	61.3	62.6	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
IV 20000	49.5	64.1	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 18000	49.6	64.3	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 16000	49.6	64.3	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 14000	50.7	66.1	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 12000	53.0	68.9	70.1	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
IV 10000	54.9	71.5	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 9000	54.9	71.5	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 8000	55.1	71.7	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 7000	55.2	71.8	73.1	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
IV 6000	55.9	72.0	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 5000	56.5	73.2	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 4500	56.6	73.3	74.5	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
IV 4000	56.6	73.3	74.5	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
IV 3500	56.7	74.2	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 3000	57.0	75.0	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 2500	57.6	75.8	77.3	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 2000	60.0	79.1	80.7	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1800	61.3	80.6	82.2	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 1500	66.1	86.4	88.0	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1200	70.1	91.4	93.1	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	71.9	93.9	95.7	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900	73.3	95.4	97.2	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	73.4	95.7	97.6	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	73.6	96.3	98.2	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	73.6	96.3	98.2	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	73.7	96.4	98.3	98.9	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	73.6	96.6	98.5	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	73.6	96.6	98.5	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	73.6	96.6	98.5	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	73.6	96.6	98.5	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	73.6	96.6	98.5	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 887

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

70, 73-81
 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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	55.0	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 20000	57.7	63.0	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
IN 18000	58.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IN 16000	58.7	64.0	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
IN 14000	60.6	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IN 12000	63.3	68.9	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
IN 10000	65.7	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IN 9000	65.7	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IN 8000	65.8	71.6	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
IN 7000	65.8	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IN 6000	66.3	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IN 5000	66.3	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IN 4500	66.3	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IN 4000	66.5	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IN 3500	66.7	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IN 3000	66.3	75.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IN 2500	70.8	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IN 2000	76.1	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IN 1800	77.8	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IN 1500	84.1	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IN 1200	87.4	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IN 1000	87.5	98.2	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
IN 900	88.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 800	88.2	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 700	88.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 600	88.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 500	88.4	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 400	88.4	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 300	88.4	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 200	88.4	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 100	88.4	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 0	88.4	98.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 924

2

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	71.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	80.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 16000	80.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 14000	80.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 12000	83.7	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
IV 10000	84.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 9000	84.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	85.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 7000	85.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 6000	85.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 5000	86.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500	86.5	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4000	87.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	88.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3000	90.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2500	91.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2000	92.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	93.1	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	93.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	93.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	93.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	93.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	93.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	93.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	93.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	93.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	93.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	93.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	73.3	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 20000	86.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IN 18000	87.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IN 16000	87.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IN 14000	87.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IN 12000	89.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IN 10000	90.4	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
IN 9000	90.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IN 8000	91.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IN 7000	91.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IN 6000	91.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IN 5000	92.7	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
IN 4500	92.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IN 4000	93.5	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	97.1
IN 3500	94.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IN 3000	95.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IN 2500	95.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 2000	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 1800	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 1500	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 1200	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 1000	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 900	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 800	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 700	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 600	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 500	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 400	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 300	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 200	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 100	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 0	95.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 917

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	65.5	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
IN 18000	77.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IN 16000	77.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IN 14000	78.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IN 12000	79.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IN 10000	81.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IN 9000	81.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IN 8000	83.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IN 7000	83.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IN 6000	83.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 5000	84.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 4500	84.4	98.8	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
IN 4000	84.5	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	99.1
IN 3500	84.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IN 3000	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 2500	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 2000	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1800	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1500	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1200	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1000	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 900	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 800	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 700	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 600	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 500	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 400	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 300	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 200	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 100	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 0	85.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.O.V.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	36.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IN 20000	38.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IN 18000	38.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IN 16000	38.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IN 14000	39.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IN 12000	39.7	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	92.8	92.8
IN 10000	39.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IN 9000	40.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IN 8000	40.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IN 7000	41.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IN 6000	41.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IN 5000	42.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IN 4500	42.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IN 4000	42.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IN 3500	43.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IN 3000	43.3	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	99.0
IN 2500	43.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 2000	43.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 1800	43.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 1500	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1200	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 1000	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 900	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 800	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 700	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 600	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 500	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 400	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 300	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 200	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 100	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 0	43.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 794

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
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	¾	¾	≥3/16	¼	≥0
NO CEILING	52.0	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
IV 20000	57.7	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 18000	58.0	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 16000	58.2	81.3	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
IV 14000	58.9	82.3	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
IV 12000	60.5	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 10000	61.7	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 9000	61.7	86.4	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	86.7
IV 8000	62.3	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 7000	62.6	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 6000	62.9	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 5000	63.5	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 4500	63.8	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4000	63.8	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	89.5
IV 3500	64.3	89.9	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	90.4
IV 3000	65.2	91.1	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	91.6
IV 2500	65.8	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	67.1	93.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1800	67.8	94.3	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1500	69.3	96.4	96.9	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
IV 1200	70.4	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	70.7	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	70.9	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	71.0	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	71.0	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	71.0	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	71.1	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	71.1	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	71.1	98.9	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	71.1	98.9	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	71.1	98.9	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	71.1	98.9	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6683

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.C.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	13.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IN 20000	14.4	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	77.7	77.7
18000	14.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
16000	14.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
14000	15.2	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
12000	15.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
10000	15.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
9000	15.7	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
8000	15.9	87.0	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
7000	15.9	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
6000	15.9	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
5000	15.9	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
4500	15.9	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
4000	16.1	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
3500	16.3	90.5	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
3000	16.5	92.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2500	16.5	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
2000	17.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
1800	17.4	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1500	17.4	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1200	17.4	96.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	17.4	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
900	17.4	97.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
800	17.4	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	17.4	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	17.4	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
500	17.4	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	17.4	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	17.4	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200	17.4	98.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	17.4	98.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	17.4	98.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 597

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	21.7	70.5	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
≥ 20000	22.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	22.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	22.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	22.3	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	22.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	22.8	77.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	22.9	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	22.9	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	22.9	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	22.9	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	23.2	78.6	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	23.6	79.4	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
≥ 4000	23.9	80.8	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
≥ 3500	23.9	81.0	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
≥ 3000	24.2	82.4	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	24.6	84.1	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	25.3	86.3	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
≥ 1800	25.6	86.7	87.8	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	26.8	89.5	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	27.8	91.7	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	28.1	93.8	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	28.1	95.0	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	28.2	95.5	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	28.2	96.1	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	28.2	96.5	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	28.2	97.2	98.6	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
≥ 400	28.2	97.8	99.4	99.5	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	28.2	97.8	99.4	99.5	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	28.2	97.8	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.2	97.8	99.4	99.5	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	28.2	97.8	99.4	99.5	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 681

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATIS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	210	26	25	24	23	22X	22	21X	21A	21	2A	2A	2A	25/16	2A	20
NO CEILING	32.5	48.0	50.6	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	39.7	51.7	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	34.9	51.9	54.1	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
≥ 16000	39.9	51.9	54.1	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
≥ 14000	35.1	52.5	54.7	54.8	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 12000	37.2	54.9	57.0	57.1	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	37.9	56.4	58.7	58.9	59.0	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	38.4	56.9	59.1	59.4	59.8	59.8	59.8	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 8000	38.8	57.4	59.6	59.9	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 7000	39.0	57.7	60.0	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 6000	39.6	58.3	60.6	60.8	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 5000	39.7	58.7	61.0	61.3	61.9	61.9	61.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4500	40.3	59.4	62.0	62.2	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	41.7	60.2	62.8	63.0	63.2	63.2	63.3	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500	41.9	61.4	64.0	64.2	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 3000	43.0	62.9	65.2	65.9	65.9	65.9	65.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 2500	43.9	64.0	66.9	67.3	67.7	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2000	45.4	64.7	69.7	70.0	70.4	70.4	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1800	46.8	68.0	71.0	71.3	71.9	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	50.6	73.7	77.1	77.4	78.0	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1200	54.8	81.2	85.0	85.4	86.2	86.2	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	57.9	85.4	89.5	90.0	90.8	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	58.4	86.4	91.1	91.7	92.7	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	59.3	88.1	92.4	93.2	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	60.1	89.3	93.9	94.5	95.7	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	60.4	90.7	95.4	96.1	97.9	97.9	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	60.4	90.8	95.7	96.5	98.2	98.3	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	60.6	91.0	96.0	96.7	98.5	98.6	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	60.6	91.0	96.1	96.8	98.7	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	60.6	91.0	96.1	96.8	98.7	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	60.6	91.0	96.1	96.8	98.7	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	60.6	91.0	96.1	96.8	98.7	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
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	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	45.9	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 2000	49.4	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 18000	49.4	55.0	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
IV 16000	49.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 14000	50.7	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 12000	52.3	58.7	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
IV 10000	54.3	61.3	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
IV 9000	54.8	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 8000	55.0	62.0	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
IV 7000	55.3	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 6000	55.8	62.9	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
IV 5000	56.2	63.3	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
IV 4500	56.3	63.5	64.1	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
IV 4000	56.7	63.8	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 3500	58.0	65.2	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 3000	59.6	66.5	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 2500	62.9	70.6	71.3	71.6	71.7	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 2000	68.3	76.2	77.1	77.7	78.1	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1800	69.7	77.6	78.5	79.1	79.4	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 1500	75.1	84.3	85.5	86.3	86.8	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1200	79.6	89.4	90.7	91.7	92.2	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1000	81.6	92.5	94.1	95.1	95.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 900	82.6	93.7	95.4	96.5	97.1	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	83.0	94.1	95.9	97.1	97.7	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	83.1	94.3	96.3	97.4	98.2	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	83.2	94.3	96.3	97.4	98.2	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	83.1	94.5	96.5	97.6	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	83.1	94.6	96.6	97.7	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	83.1	94.6	96.6	97.7	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	83.1	94.6	96.6	97.7	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	83.1	94.6	96.6	97.7	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	83.1	94.6	96.6	97.7	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A1- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	62.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥20000	68.1	71.9	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
W 18000	68.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
W 16000	68.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
W 14000	70.0	74.0	74.0	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
W 12000	73.0	77.7	77.7	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
W 10000	75.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
W 9000	75.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
W 8000	76.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
W 7000	76.3	81.4	81.4	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
W 6000	77.2	82.3	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
W 5000	77.4	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
W 4500	78.0	83.2	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
W 4000	79.2	84.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
W 3500	81.3	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
W 3000	85.0	90.7	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
W 2500	86.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
W 2000	88.3	94.4	95.2	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
W 1800	88.3	94.7	95.3	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
W 1500	89.0	95.9	96.4	97.0	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
W 1200	89.7	96.5	97.2	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
W 1000	89.7	96.9	97.8	98.3	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
W 900	89.8	97.0	97.9	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
W 800	89.9	97.1	98.1	98.7	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
W 700	89.9	97.1	98.1	98.7	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
W 600	89.9	97.1	98.1	98.7	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
W 500	89.9	97.1	98.1	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 400	89.9	97.1	98.1	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 300	89.9	97.1	98.1	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 200	89.9	97.1	98.1	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 100	89.9	97.1	98.1	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
W 0	89.9	97.1	98.1	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722515
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	67.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000 ≥ 6000	76.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000 ≥ 2000	76.9	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000 ≥ 900	82.7	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000 ≥ 7000	83.7	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000 ≥ 5000	84.2	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500 ≥ 4000	84.8	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500 ≥ 3000	88.2	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500 ≥ 2000	90.6	95.7	96.0	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
≥ 1800 ≥ 1500	90.8	95.9	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200 ≥ 1000	91.4	96.7	97.3	97.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900 ≥ 800	91.4	97.0	97.7	98.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700 ≥ 600	91.4	97.0	97.7	98.3	99.0	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	91.4	97.0	97.7	98.3	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	91.4	97.0	97.7	98.3	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 0	91.4	97.0	97.7	98.3	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72261^c
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
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	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	56.2	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	71.0
≥ 20000	64.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	64.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	64.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000	64.9	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	82.6
≥ 12000	67.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	70.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 9000	70.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	70.8	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	93.5	93.5
≥ 7000	70.8	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	93.5	93.5
≥ 6000	71.2	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	93.9	93.9
≥ 5000	71.5	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	94.2	94.2
≥ 4500	72.1	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	72.4	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	73.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	73.7	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	73.7	97.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	73.7	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	73.7	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	74.1	98.4	98.7	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	99.0
≥ 1200	74.1	98.4	98.7	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	99.0
≥ 1000	74.1	98.7	98.9	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	74.1	98.7	98.9	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	74.1	98.7	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	74.1	98.7	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	74.1	98.7	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	74.1	98.9	99.3	99.4	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
≥ 400	74.1	98.9	99.3	99.4	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
≥ 300	74.1	98.9	99.3	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	74.1	98.9	99.3	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.1	98.9	99.3	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.1	98.9	99.3	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 815

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722515
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

SEP
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	¾	¾	≥5/16	¾	≥0	
NO CEILING ≥ 20000	35.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IN 18000 5000	37.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IN 14000 2000	37.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IN 10000 9000	37.9	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	84.4	84.4
IN 8000 7000	38.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IN 6000 5000	38.8	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	88.0	88.0	88.0
IN 4500 4000	39.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IN 3500 3000	39.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IN 2500 2000	40.0	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IN 1800 1500	40.0	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IN 1200 1000	40.2	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IN 900 800	40.2	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IN 700 600	41.4	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IN 500 400	41.4	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IN 300 200	41.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IN 100 0	41.9	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IN 100 0	41.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IN 100 0	41.9	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IN 100 0	42.3	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IN 100 0	42.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 100 0	42.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 100 0	42.3	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 100 0	42.3	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 100 0	42.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100 0	42.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100 0	42.3	99.2	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100 0	42.3	99.2	99.9	99.9	99.9	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 752

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

69-70,73-80
 YEARS

SEP
 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	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	44.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IVM 18000 16000	48.7	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IVM 14000 12000	48.8	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IVM 10000 9000	49.4	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IVM 8000 7000	51.3	75.4	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
IVM 6000 5000	52.8	78.2	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IVM 4500 4000	53.7	78.6	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
IVM 3500 3000	53.4	79.2	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IVM 2500 2000	53.5	79.4	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IVM 1800 1500	53.9	79.9	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IVM 1200 1000	54.2	80.3	80.9	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
IVM 900 800	54.6	80.9	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IVM 700 600	55.2	81.8	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
IVM 500 400	56.3	83.1	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IVM 300 200	57.6	84.9	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IVM 100 0	58.5	86.4	87.3	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IVM 0	59.9	88.4	89.5	89.7	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IVM 0	60.3	88.9	89.9	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IVM 0	62.0	91.4	92.5	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IVM 0	63.4	93.5	94.7	95.1	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IVM 0	64.1	94.9	96.2	96.6	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVM 0	64.4	95.4	96.8	97.2	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVM 0	64.6	95.8	97.2	97.7	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVM 0	64.7	96.0	97.6	98.0	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM 0	64.7	96.3	97.9	98.3	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 0	64.7	96.5	98.1	98.5	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVM 0	64.8	96.6	98.2	98.6	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	64.8	96.6	98.2	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	64.8	96.6	98.2	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 6259

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
hours (L.O.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	21.7	79.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 20000	21.7	80.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IVM 18000	21.7	80.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IVM 16000	21.7	80.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IVM 14000	21.7	81.1	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
IVM 12000	22.0	81.8	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
IVM 10000	22.5	83.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IVM 9000	22.5	83.5	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
IVM 8000	22.9	84.1	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	85.3
IVM 7000	22.9	84.1	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	85.3
IVM 6000	22.9	84.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IVM 5000	22.9	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IVM 4500	22.9	86.8	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	88.0
IVM 4000	23.1	87.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IVM 3500	23.1	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IVM 3000	23.1	90.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IVM 2500	23.1	90.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IVM 2000	23.7	93.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IVM 1800	23.7	93.6	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
IVM 1500	23.7	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IVM 1200	23.9	95.5	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
IVM 1000	23.9	96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVM 900	23.9	96.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVM 800	23.9	96.5	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
IVM 700	23.9	96.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVM 600	23.9	96.9	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
IVM 500	23.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM 400	23.9	96.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM 300	23.9	96.9	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	99.1
IVM 200	24.1	97.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVM 100	24.1	97.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVM 0	24.1	97.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 577

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722515

AUGHLIN AFB TX

69-70,73,75-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	19.5	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	20.0	67.9	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8
IV 18000	20.5	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2
IV 16000	20.5	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2
IV 14000	20.5	68.9	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
IV 12000	22.0	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8
IV 10000	22.6	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2
IV 9000	22.6	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3
IV 8000	22.6	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3
IV 7000	22.7	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5
IV 6000	22.7	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1
IV 5000	23.6	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5
IV 4500	24.1	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1
IV 4000	24.2	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7
IV 3500	24.5	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9
IV 3000	25.5	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
IV 2500	26.2	80.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7
IV 2000	27.1	84.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.2
IV 1800	27.4	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8
IV 1500	27.9	87.1	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2
IV 1200	28.6	90.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1
IV 1000	28.8	92.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	93.8
IV 900	29.1	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8
IV 800	29.2	93.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6
IV 700	29.2	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1
IV 600	29.4	94.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.5
IV 500	29.4	94.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.7	96.7	96.7
IV 400	29.4	95.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	98.3	98.3	98.3
IV 300	29.4	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	99.1	99.1	99.1
IV 200	29.5	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	99.5	99.5	99.5
IV 100	29.5	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	99.7	99.7	99.7
IV 0	29.5	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 660

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
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	¾	¾	¾	¾	≥0
NO CEILING	31.4	49.4	51.1	51.4	51.8	51.8	52.1	52.1	52.1	52.3	52.3	52.4	52.4	52.4	52.5	52.5
≥ 20000	32.2	50.5	52.2	52.4	52.9	52.9	53.2	53.2	53.2	53.4	53.4	53.6	53.6	53.6	53.7	53.7
IV 18000	32.7	50.9	52.6	52.9	53.3	53.3	53.7	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.1	54.1
IV 16000	32.7	50.9	52.6	52.9	53.3	53.3	53.7	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.1	54.1
IV 14000	33.6	52.2	53.9	54.1	54.6	54.6	54.9	54.9	54.9	55.2	55.2	55.3	55.3	55.3	55.4	55.4
IV 12000	34.4	53.1	54.8	55.0	55.5	55.5	55.8	55.8	55.8	56.1	56.1	56.2	56.2	56.2	56.3	56.3
IV 10000	35.4	54.4	56.1	56.3	56.8	56.8	57.1	57.1	57.1	57.3	57.3	57.5	57.5	57.5	57.6	57.6
IV 9000	35.7	54.8	56.7	56.9	57.3	57.3	57.7	57.7	57.7	57.9	57.9	58.0	58.0	58.0	58.1	58.1
IV 8000	36.5	56.0	57.8	58.0	58.5	58.5	58.8	58.8	58.8	59.1	59.1	59.2	59.2	59.2	59.3	59.3
IV 7000	36.5	56.2	58.0	58.3	58.7	58.7	59.1	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.5	59.5
IV 6000	36.6	56.5	58.4	58.6	59.1	59.1	59.4	59.4	59.4	59.6	59.6	59.7	59.7	59.7	59.9	59.9
IV 5000	37.4	57.5	59.3	59.5	60.0	60.0	60.3	60.3	60.3	60.6	60.6	60.7	60.7	60.7	60.8	60.8
IV 4500	37.6	57.9	59.7	60.1	60.6	60.6	60.9	60.9	60.9	61.1	61.1	61.2	61.2	61.2	61.4	61.4
IV 4000	38.5	58.9	60.8	61.2	61.7	61.7	62.0	62.0	62.0	62.3	62.3	62.4	62.4	62.4	62.5	62.5
IV 3500	39.4	60.4	62.3	62.7	63.2	63.2	63.5	63.5	63.5	63.8	63.8	63.9	63.9	63.9	64.0	64.0
IV 3000	40.4	62.2	64.1	64.6	65.0	65.0	65.4	65.4	65.4	65.6	65.6	65.7	65.7	65.7	65.8	65.8
IV 2500	42.3	65.9	67.7	68.2	68.7	68.7	69.0	69.0	69.0	69.3	69.3	69.4	69.4	69.4	69.5	69.5
IV 2000	43.7	69.7	72.0	72.7	73.3	73.3	73.6	73.6	73.6	74.0	74.0	74.1	74.1	74.1	74.3	74.3
IV 1800	44.3	70.8	73.2	73.9	74.4	74.4	74.8	74.8	74.8	75.1	75.1	75.2	75.2	75.2	75.5	75.5
IV 1500	45.6	73.1	75.5	76.1	76.8	76.8	77.2	77.2	77.2	77.5	77.5	77.6	77.6	77.6	78.0	78.0
IV 1200	47.0	76.0	78.8	79.5	80.2	80.2	80.5	80.5	80.5	80.8	80.8	81.0	81.0	81.1	81.3	81.3
IV 1000	48.4	79.1	82.1	82.8	83.5	83.5	83.8	83.8	83.8	84.2	84.2	84.3	84.3	84.5	84.7	84.7
IV 900	48.5	81.0	84.4	85.1	85.8	85.8	86.1	86.1	86.1	86.6	86.6	86.7	86.9	86.9	87.2	87.2
IV 800	50.1	82.8	86.4	87.2	88.1	88.1	88.4	88.4	88.4	88.9	88.9	89.0	89.2	89.2	89.4	89.4
IV 700	50.7	83.7	88.2	89.0	90.3	90.3	90.7	90.7	90.7	91.2	91.2	91.3	91.5	91.5	91.7	91.7
IV 600	51.0	84.5	89.1	89.9	91.4	91.4	91.9	92.0	92.0	92.4	92.4	92.5	92.8	92.8	93.0	93.0
IV 500	51.3	85.1	89.7	90.5	92.4	92.4	93.2	93.3	93.3	94.0	94.0	94.2	94.4	94.4	94.6	94.7
IV 400	51.3	85.1	90.3	91.1	93.0	93.0	94.0	95.1	95.1	95.9	95.9	96.0	96.2	96.2	96.4	96.6
IV 300	51.3	85.4	90.4	91.3	93.8	93.9	95.1	95.6	95.6	96.6	96.6	96.9	97.1	97.1	97.4	97.5
IV 200	51.4	85.6	90.5	91.4	93.9	94.0	95.3	96.1	96.2	97.2	97.6	97.7	98.3	98.3	98.6	98.9
IV 100	51.4	85.6	90.5	91.4	93.9	94.0	95.3	96.1	96.2	97.2	97.6	97.8	98.5	98.6	99.1	99.9
IV 0	51.4	85.6	90.5	91.4	93.9	94.0	95.3	96.1	96.2	97.2	97.6	97.8	98.5	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 872

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	45.4	53.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	47.2	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
18000	47.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
16000	47.6	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
14000	48.1	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
12000	49.6	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	55.0
10000	52.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
9000	52.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
8000	53.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
7000	53.9	59.3	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
6000	54.6	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
5000	55.7	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
4500	56.7	62.5	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
4000	57.5	63.5	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
3500	58.9	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
3000	59.4	65.9	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
2500	61.6	69.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2000	64.8	73.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
1800	66.0	75.1	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
1500	69.5	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
1200	72.3	85.1	86.2	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
1000	73.5	87.6	89.0	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
900	74.3	89.3	90.9	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
800	74.7	90.2	92.0	92.4	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
700	74.8	90.9	92.4	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
600	75.4	91.7	93.7	94.5	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
500	75.5	91.9	94.5	95.4	96.1	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
400	75.6	92.1	94.8	95.8	96.7	97.2	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
300	75.6	92.2	94.9	96.0	97.4	97.9	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1
200	75.6	92.2	94.9	96.0	97.4	97.9	98.5	99.0	99.1	99.3	99.4	99.4	99.4	99.7	99.8	99.9
100	75.6	92.2	94.9	96.0	97.4	97.9	98.5	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.8	99.9
0	75.6	92.2	94.9	96.0	97.4	97.9	98.5	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

989

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	60.6	64.6	64.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IN 18000 16000	63.5	67.6	67.6	67.6	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IN 14000 12000	64.9	69.2	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IN 10000 9000	69.1	73.5	73.5	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IN 8000 7000	70.3	75.2	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IN 6000 5000	71.8	76.6	76.9	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IN 4500 4000	73.4	78.9	79.2	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IN 3500 3000	77.1	83.3	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IN 2500 2000	82.4	89.5	90.2	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IN 1800 1500	84.2	91.8	92.7	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IN 1200 1000	86.1	94.6	95.4	95.5	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IN 900 800	86.9	96.3	97.4	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IN 700 600	87.0	96.5	97.7	97.8	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IN 500 400	87.0	96.7	97.9	98.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 300 200	87.0	96.9	98.3	98.4	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 100 0	87.0	96.9	98.3	98.4	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
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	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	70.5	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 20000	74.0	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 18000	75.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 16000	75.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 14000	77.0	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 12000	78.7	80.2	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
IV 10000	81.4	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 9000	81.7	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 8000	82.9	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 7000	83.7	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 6000	84.7	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 5000	85.4	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4500	86.2	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4000	86.9	89.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3500	88.3	91.5	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	92.0
IV 3000	89.9	93.2	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
IV 2500	90.6	94.3	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2000	91.1	95.0	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	91.4	95.5	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	91.7	95.9	96.9	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200	92.1	96.6	97.7	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	92.3	97.0	98.1	98.2	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	92.3	97.0	98.1	98.2	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	92.3	97.1	98.2	98.3	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	92.4	97.4	98.5	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	92.4	97.4	98.5	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	92.6	97.6	98.7	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	92.6	97.6	98.7	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	92.6	97.6	98.7	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	92.6	97.6	98.7	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	92.6	97.6	98.7	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	92.6	97.6	98.7	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	51.6	74.4	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 20000	54.6	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 18000	54.9	78.8	78.8	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
IV 16000	55.5	79.6	79.6	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
IV 14000	56.7	81.5	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 12000	57.5	83.3	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 10000	58.6	85.4	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 9000	59.3	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 8000	60.7	88.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 7000	61.1	88.5	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 6000	61.3	89.1	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 5000	62.2	90.5	90.5	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
IV 4500	62.7	91.6	91.6	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
IV 4000	64.0	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 3500	64.8	94.4	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 3000	65.0	95.0	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2500	65.0	95.7	95.7	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
IV 2000	65.0	96.6	96.6	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	65.0	96.8	96.8	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	65.0	97.0	97.0	97.4	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	65.8	97.9	97.9	98.2	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	65.8	97.9	98.0	98.5	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	65.8	98.0	98.1	98.6	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	65.8	98.0	98.1	98.6	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	65.8	98.0	98.1	98.6	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	65.8	98.0	98.1	98.6	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	65.9	98.1	98.2	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	65.9	98.1	98.2	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	65.9	98.1	98.2	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	65.9	98.1	98.2	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	65.9	98.1	98.2	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	65.9	98.1	98.2	98.7	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	36.5	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 20000	37.7	79.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 18000	37.8	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 16000	37.9	80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 14000	38.3	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 12000	38.7	82.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 10000	38.7	83.3	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 9000	39.2	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 8000	40.4	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 7000	41.0	86.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 6000	41.4	86.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 5000	42.3	88.4	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4500	42.8	89.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4000	44.2	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3500	44.4	92.8	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 3000	44.6	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 2500	45.0	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	45.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	45.0	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	45.1	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	45.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70,73-80

GCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	44.1	65.9	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥20000	45.9	68.2	68.7	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IVM 18000	46.4	68.6	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IVM 16000	46.7	68.9	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IVM 14000	47.4	70.0	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IVM 12000	48.6	71.6	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
IVM 10000	49.9	73.5	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IVM 9000	50.3	73.9	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IVM 8000	51.2	75.1	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
IVM 7000	51.6	75.6	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
IVM 6000	52.0	76.3	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3
IVM 5000	52.9	77.5	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IVM 4500	53.4	78.5	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IVM 4000	54.3	79.6	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
IVM 3500	55.2	81.2	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
IVM 3000	56.2	82.8	83.6	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IVM 2500	57.4	84.7	85.7	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
IVM 2000	58.5	87.1	88.2	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9
IVM 1800	58.8	87.8	88.9	89.0	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6
IVM 1500	59.8	89.5	90.7	90.8	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5
IVM 1200	60.8	91.5	92.7	92.9	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6
IVM 1000	61.3	92.7	94.0	94.3	94.7	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1
IVM 900	61.5	93.4	94.8	95.1	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
IVM 800	61.8	93.9	95.4	95.7	96.2	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6
IVM 700	61.9	94.2	95.8	96.1	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IVM 600	62.0	94.5	96.2	96.5	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IVM 500	62.1	94.7	96.5	96.8	97.6	97.7	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IVM 400	62.1	94.8	96.8	97.1	98.0	98.1	98.4	98.4	98.4	98.8	98.8	98.8	98.9	98.9	99.0	99.0
IVM 300	62.1	94.9	96.8	97.3	98.2	98.3	98.7	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4
IVM 200	62.2	94.9	96.9	97.4	98.3	98.4	98.8	99.0	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8
IVM 100	62.2	94.9	96.9	97.4	98.3	98.4	98.8	99.0	99.1	99.4	99.5	99.5	99.6	99.7	99.8	100.0
IVM 0	62.2	94.9	96.9	97.4	98.3	98.4	98.8	99.0	99.1	99.4	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6473

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
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	¾	¾	≥5/16	¾	≥0
NO CEILING	25.1	72.2	72.5	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	25.6	73.4	73.7	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5
≥ 18000	25.6	73.4	73.7	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000	25.6	73.4	73.7	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	25.6	73.5	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	26.0	73.9	74.2	74.5	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	26.1	74.4	74.7	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	26.1	74.5	74.9	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	26.5	75.2	75.5	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000	26.5	75.4	75.7	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	26.5	76.0	76.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	26.5	77.2	77.5	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	26.9	77.5	77.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	27.0	78.9	79.2	79.5	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	27.1	79.7	80.0	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	27.3	81.0	81.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	27.5	83.7	84.0	84.5	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	27.6	85.9	86.2	86.9	87.5	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	27.6	86.0	86.4	87.0	87.7	87.9	87.9	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	27.6	88.4	88.7	89.4	90.0	90.2	90.2	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1200	27.6	90.5	90.8	91.5	92.2	92.3	92.3	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	27.6	91.8	92.2	92.8	93.7	93.8	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	27.6	92.0	92.3	93.2	94.3	94.5	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	27.6	92.2	92.5	93.3	94.7	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	27.6	92.3	92.7	93.5	94.8	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	28.0	92.5	92.8	93.7	95.2	95.3	95.3	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	28.1	93.2	93.7	94.5	96.2	96.3	96.3	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	28.3	93.7	94.8	95.7	97.8	98.0	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	28.1	93.7	94.8	95.7	98.0	98.2	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	28.3	93.7	95.0	95.8	98.3	98.5	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	28.1	93.7	95.0	95.8	98.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	28.1	93.7	95.0	95.8	98.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 601

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	20.1	61.8	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 20000	20.7	62.7	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	20.7	62.7	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	20.7	62.7	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	20.7	62.7	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	21.2	63.7	65.1	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	21.2	64.2	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	21.2	64.9	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	21.4	65.1	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 7000	21.4	65.3	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	21.7	66.1	67.5	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000	21.7	67.5	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	21.7	68.1	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4000	22.0	69.1	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3500	22.0	70.1	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3000	22.2	71.7	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2500	22.2	74.5	76.4	76.4	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	22.4	77.1	79.0	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	22.4	78.1	80.0	80.0	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1500	22.4	80.7	82.6	82.6	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1200	22.4	83.2	85.4	85.4	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	22.4	84.9	87.3	87.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 900	22.4	85.4	88.0	88.2	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	22.4	86.1	89.4	89.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	22.6	86.8	90.1	90.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	22.6	86.8	90.1	90.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	22.7	87.2	90.5	90.8	92.0	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 400	23.1	87.8	91.5	92.0	93.6	93.6	94.1	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6
≥ 300	23.1	87.8	91.7	92.4	94.4	94.6	95.7	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7
≥ 200	23.1	87.8	91.7	92.4	94.4	94.6	95.8	96.9	97.0	97.0	97.0	97.2	97.2	97.4	97.4	97.4
≥ 100	23.1	87.8	91.7	92.4	94.4	94.6	96.0	97.2	97.4	97.4	97.4	97.7	97.7	97.9	97.9	98.3
0	23.1	87.8	91.7	92.4	94.4	94.6	96.0	97.2	97.4	97.4	97.4	97.9	97.9	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 576

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722515
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

NOV
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	¾	¾	¾	¾	≥0
NO CEILING	36.7	53.7	54.9	55.0	55.8	56.1	56.1	56.1	56.1	56.3	56.7	56.7	56.7	56.7	56.8	56.9
≥ 20000	37.3	54.5	55.7	56.0	56.8	57.1	57.1	57.1	57.1	57.4	57.7	57.7	57.9	57.9	58.0	58.1
IV 18000	37.3	54.5	55.7	56.0	56.8	57.1	57.1	57.1	57.1	57.4	57.7	57.7	57.9	57.9	58.0	58.1
IV 16000	37.3	54.5	55.7	56.0	56.8	57.1	57.1	57.1	57.1	57.4	57.7	57.7	57.9	57.9	58.0	58.1
IV 14000	37.7	55.2	56.4	56.7	57.5	57.9	57.9	57.9	57.9	58.1	58.5	58.5	58.6	58.6	58.7	58.8
IV 12000	37.9	55.4	56.7	56.9	57.7	58.1	58.1	58.1	58.1	58.3	58.7	58.7	58.8	58.8	58.9	59.0
IV 10000	38.0	55.6	56.9	57.1	58.0	58.3	58.3	58.3	58.3	58.6	58.9	58.9	59.0	59.0	59.2	59.3
IV 9000	38.0	55.7	57.0	57.3	58.1	58.5	58.5	58.5	58.5	58.7	59.0	59.0	59.2	59.2	59.3	59.4
IV 8000	38.6	56.5	57.9	58.1	58.9	59.3	59.3	59.3	59.3	59.5	59.9	59.9	60.0	60.0	60.1	60.2
IV 7000	39.1	57.0	58.3	58.6	59.4	59.8	59.8	59.8	59.8	60.0	60.4	60.4	60.5	60.5	60.6	60.7
IV 6000	39.8	58.1	59.4	59.6	60.5	60.8	60.8	60.8	60.8	61.1	61.4	61.4	61.5	61.5	61.7	61.8
IV 5000	40.4	59.5	60.8	61.1	61.9	62.3	62.3	62.3	62.3	62.5	62.9	62.9	63.0	63.0	63.1	63.2
IV 4500	40.6	60.7	62.0	62.3	63.1	63.5	63.5	63.5	63.5	63.7	64.0	64.0	64.2	64.2	64.3	64.4
IV 4000	41.2	61.4	62.7	63.0	63.8	64.2	64.2	64.2	64.2	64.4	64.8	64.8	64.9	64.9	65.0	65.1
IV 3500	41.3	62.1	63.5	63.7	64.5	64.9	64.9	64.9	64.9	65.1	65.5	65.5	65.6	65.6	65.7	65.8
IV 3000	42.1	63.3	64.8	65.1	66.0	66.3	66.5	66.5	66.5	66.8	67.1	67.1	67.3	67.3	67.4	67.5
IV 2500	42.7	65.5	67.0	67.4	68.3	68.7	68.9	68.9	68.9	69.2	69.5	69.5	69.6	69.6	69.8	69.9
IV 2000	43.2	67.1	68.9	69.5	70.6	71.0	71.2	71.2	71.2	71.4	71.8	71.8	71.9	71.9	72.0	72.1
IV 1800	43.7	68.5	70.2	71.0	72.0	72.4	72.6	72.6	72.6	72.9	73.2	73.2	73.3	73.3	73.5	73.6
IV 1500	44.3	70.4	72.3	73.0	74.3	74.8	75.4	75.4	75.4	75.7	76.1	76.1	76.2	76.2	76.3	76.4
IV 1200	45.4	72.7	75.0	75.7	77.1	77.6	78.2	78.6	78.6	78.9	79.3	79.3	79.4	79.4	79.5	79.6
IV 1000	45.9	73.6	76.1	76.9	78.5	78.9	79.6	80.0	80.0	80.5	80.8	80.8	81.0	81.0	81.1	81.2
IV 900	45.7	74.5	77.1	78.0	79.5	80.0	80.7	81.1	81.1	81.5	81.9	81.9	82.0	82.0	82.1	82.3
IV 800	45.8	75.4	78.2	79.0	80.8	81.3	82.1	82.6	82.6	83.1	83.5	83.5	83.6	83.6	83.7	83.8
IV 700	45.8	76.1	79.2	80.0	81.9	82.4	83.2	83.7	83.7	84.2	84.5	84.5	84.8	84.8	84.9	85.0
IV 600	46.0	76.7	79.9	81.1	83.0	83.5	84.3	84.8	84.8	85.2	85.6	85.6	85.8	85.8	86.0	86.1
IV 500	46.1	77.4	80.8	82.1	84.4	84.9	85.7	86.4	86.4	86.9	87.3	87.3	87.5	87.5	87.6	87.7
IV 400	46.2	78.2	82.0	83.7	86.2	86.8	87.9	88.9	89.2	89.8	90.1	90.1	90.5	90.5	90.6	90.8
IV 300	46.2	78.6	82.9	84.6	87.6	88.5	89.6	91.3	91.7	92.6	93.1	93.1	93.5	93.5	93.6	93.9
IV 200	46.2	78.6	82.9	84.6	88.0	88.9	90.5	92.3	92.7	94.4	95.0	95.0	95.5	95.7	96.3	96.9
IV 100	46.2	78.6	82.9	84.6	88.0	88.9	90.5	92.3	92.9	94.6	95.6	95.6	96.2	96.7	97.5	98.7
IV 0	46.2	78.6	82.9	84.6	88.0	88.9	90.5	92.3	92.9	94.6	95.6	95.6	96.5	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 840

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	48.3	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4
IV 20000	47.4	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
IV 18000	49.4	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
IV 16000	49.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6
IV 14000	50.5	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2
IV 12000	51.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.7	54.7	54.7	54.7
IV 10000	51.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6
IV 9000	52.7	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9
IV 8000	53.3	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.2
IV 7000	53.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.4	58.4
IV 6000	55.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3
IV 5000	56.5	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1
IV 4500	57.4	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2
IV 4000	57.9	62.2	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7
IV 3500	58.5	62.7	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3	63.3	63.3	63.3
IV 3000	58.6	63.2	63.4	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9	63.9	63.9	63.9
IV 2500	59.9	64.5	64.7	64.7	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.3
IV 2000	61.6	66.7	67.0	67.0	67.6	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3
IV 1800	62.4	67.8	68.2	68.2	68.7	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.6	69.6	69.6
IV 1500	64.5	70.6	71.2	71.2	72.0	72.1	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9
IV 1200	65.5	73.1	73.9	73.9	74.7	74.9	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1
IV 1000	67.5	76.1	77.0	77.0	78.0	78.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6
IV 900	68.4	78.1	79.4	79.4	80.4	80.5	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.5	82.5	82.5	82.5
IV 800	69.2	79.4	80.6	80.6	81.8	81.9	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9
IV 700	70.1	81.5	83.3	83.4	84.9	85.0	86.4	86.6	86.7	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2
IV 600	70.4	83.0	85.7	85.9	87.4	87.5	89.2	89.7	89.9	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4
IV 500	70.6	83.9	86.6	87.3	89.9	90.0	92.0	92.8	93.1	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7
IV 400	70.6	84.4	87.5	88.2	91.1	91.3	93.8	94.8	95.2	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0
IV 300	70.6	84.5	87.8	88.7	91.8	92.2	94.7	96.2	96.7	97.6	97.7	97.7	97.7	98.0	98.0	98.2	98.2
IV 200	70.6	84.5	87.8	88.7	91.8	92.2	94.7	96.3	96.9	97.9	98.0	98.0	98.2	99.2	99.3	99.5	99.7
IV 100	70.6	84.5	87.8	88.7	91.8	92.2	94.7	96.3	96.9	98.0	98.3	98.4	98.4	99.4	99.5	99.8	99.9
IV 0	70.6	84.5	87.8	88.7	91.8	92.2	94.7	96.3	96.9	98.0	98.3	98.4	98.4	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 867

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
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	¾	¾	≥5/16	¾	≥0
NO CEILING	60.0	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
≥ 20000	62.6	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 18000	62.7	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 16000	62.7	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 14000	63.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 12000	64.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	66.2	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 9000	66.7	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	71.2
IV 8000	67.0	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	71.6	71.6
IV 7000	67.5	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	72.2
≥ 6000	68.2	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 5000	69.4	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	69.7	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	69.9	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	70.5	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3000	71.7	76.7	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
≥ 2500	73.5	78.8	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	75.9	81.9	82.4	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 1800	76.9	83.1	83.5	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1500	78.5	86.0	86.8	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1200	80.1	88.9	90.0	90.3	90.6	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1000	80.8	90.7	91.9	92.3	92.5	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 900	81.8	91.7	92.9	93.4	93.7	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 800	82.0	92.7	94.1	94.5	94.8	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 700	82.0	93.2	94.6	95.1	95.6	95.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 600	82.3	93.8	95.6	96.2	96.7	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 500	82.6	94.7	96.6	97.2	97.9	98.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	82.7	94.9	96.9	97.5	98.3	98.5	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	82.7	95.2	97.1	97.8	98.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	82.7	95.2	97.1	97.8	98.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	82.7	95.2	97.1	97.8	98.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	82.7	95.2	97.1	97.8	98.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 891

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.6	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	72.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	72.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	72.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	73.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	74.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000	75.8	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	76.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	76.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	77.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	77.8	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	78.7	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
≥ 4500	79.1	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	79.8	83.1	83.1	83.1	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	80.4	83.7	84.0	84.0	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	81.8	85.5	86.0	86.0	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	84.2	88.3	88.8	88.8	89.0	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	85.4	89.9	90.3	90.3	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	85.6	90.5	90.9	91.0	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	86.9	93.5	93.9	94.2	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	87.8	94.7	95.2	95.4	95.7	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	88.1	95.3	95.7	96.0	96.4	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	88.6	95.7	96.2	96.4	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	88.6	95.8	96.3	96.5	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	88.7	96.1	96.5	96.7	97.4	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	88.7	96.5	97.0	97.3	98.0	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	88.8	96.7	97.3	97.6	98.5	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	88.8	96.7	97.4	97.8	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	88.8	96.9	97.6	98.0	98.9	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	88.8	96.9	97.6	98.0	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.8	96.9	97.6	98.0	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.8	96.9	97.6	98.0	98.9	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	49.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	50.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	50.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 16000	50.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 14000	51.1	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 12000	52.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 10000	52.1	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	81.3
IV 9000	52.6	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 8000	52.8	82.6	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
IV 7000	53.0	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 6000	53.3	83.9	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
IV 5000	54.4	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4500	54.6	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4000	55.9	86.7	86.7	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3500	57.0	88.2	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	57.6	89.6	89.6	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	58.3	91.1	91.5	91.6	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	58.8	91.7	92.1	92.2	92.3	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1800	58.8	92.0	92.3	92.6	92.7	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	59.1	93.8	94.1	94.5	94.8	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	59.3	94.6	95.1	95.5	95.9	96.0	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	59.4	94.8	95.2	95.6	96.0	96.1	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	59.4	94.8	95.4	95.9	96.3	96.5	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	59.4	94.9	95.5	96.0	96.5	96.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 700	59.4	94.9	95.5	96.0	96.6	96.7	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 600	59.4	95.0	95.6	96.1	96.7	96.8	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 500	59.4	95.1	95.7	96.2	96.8	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	59.4	95.6	96.3	96.8	97.4	97.6	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	59.4	95.6	96.3	96.8	97.6	97.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	59.4	95.6	96.3	96.8	97.6	97.7	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	59.4	95.6	96.3	96.8	97.6	97.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	59.4	95.6	96.3	96.8	97.6	97.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.4	75.5	75.5	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 20000	40.0	77.8	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 18000	40.0	77.8	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 16000	40.0	77.8	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 14000	40.0	78.1	78.1	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 12000	40.0	78.2	78.2	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 10000	40.1	79.8	79.8	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 9000	40.5	80.6	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 8000	40.5	81.0	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 7000	40.6	81.2	81.2	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 6000	40.9	82.5	82.5	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
IV 5000	41.0	83.4	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 4500	41.6	84.1	84.1	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4000	42.1	85.1	85.1	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
IV 3500	43.1	86.8	86.8	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 3000	43.3	88.0	88.0	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 2500	43.3	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	90.7	90.7
IV 2000	43.7	91.0	91.5	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1800	43.7	91.1	91.7	92.5	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	43.7	92.2	92.7	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1200	43.7	92.5	93.1	93.9	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1000	43.7	92.6	93.4	94.6	95.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 900	43.9	93.3	94.1	95.3	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 800	43.9	93.3	94.1	95.3	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	43.9	93.7	94.8	96.0	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 600	43.9	93.7	94.8	96.0	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	44.0	93.9	95.0	96.2	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 400	44.0	94.6	95.8	97.0	98.0	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	44.0	94.8	96.0	97.2	98.1	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	44.0	94.8	96.0	97.2	98.1	98.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	44.0	94.8	96.0	97.2	98.1	98.3	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	44.0	94.8	96.0	97.2	98.1	98.3	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 793

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	45.2	64.6	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.5
≥ 20000	46.9	67.0	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.9
IV 18000	47.0	67.1	67.5	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	68.0
IV 16000	47.0	67.1	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	68.0	68.0
IV 14000	47.6	68.0	68.3	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8
IV 12000	48.2	68.8	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7
IV 10000	48.8	69.9	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7
IV 9000	49.0	70.3	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2
IV 8000	49.5	70.9	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8
IV 7000	49.8	71.4	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3
IV 6000	50.5	72.5	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4
IV 5000	51.1	73.6	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5
IV 4500	51.5	74.2	74.6	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2
IV 4000	52.0	75.1	75.5	75.6	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1
IV 3500	52.6	76.0	76.5	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2
IV 3000	53.3	77.3	77.8	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6
IV 2500	54.2	79.4	80.0	80.2	80.6	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0
IV 2000	55.2	81.2	82.0	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
IV 1800	55.5	82.0	82.7	83.1	83.5	83.6	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1
IV 1500	56.3	84.3	85.2	85.5	86.1	86.2	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8
IV 1200	57.0	86.2	87.2	87.6	88.2	88.3	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1
IV 1000	57.5	87.3	88.5	88.9	89.6	89.8	90.3	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.7
IV 900	57.8	88.1	89.3	89.8	90.6	90.8	91.3	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
IV 800	58.0	88.6	90.0	90.5	91.4	91.5	92.1	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.6
IV 700	58.2	89.3	90.8	91.3	92.3	92.5	93.1	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.6
IV 600	58.3	89.8	91.4	92.1	93.1	93.3	93.9	94.2	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5
IV 500	58.5	90.3	92.0	92.8	94.1	94.3	95.0	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
IV 400	58.9	90.8	92.8	93.6	95.1	95.3	96.2	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2
IV 300	58.5	90.9	93.0	93.9	95.6	95.9	96.9	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.3
IV 200	58.5	90.9	93.0	93.9	95.7	96.0	97.1	98.0	98.2	98.5	98.7	98.7	98.9	98.9	99.1	99.1
IV 100	58.5	90.9	93.0	93.9	95.7	96.0	97.2	98.1	98.3	98.7	98.9	98.9	99.2	99.3	99.4	99.6
IV 0	58.5	90.9	93.0	93.9	95.7	96.0	97.2	98.1	98.3	98.7	98.9	98.9	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6229

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	24.2	64.7	64.8	65.2	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8
≥ 20000	25.0	67.6	67.7	68.1	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7	68.7
IVIV 18000	25.0	67.7	67.9	68.2	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9
≥ 16000	25.0	67.9	68.1	68.4	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0
IVIV 14000	25.5	71.1	71.3	71.6	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.3
≥ 12000	26.0	72.9	73.1	73.4	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
IVIV 10000	26.0	75.0	75.2	75.5	75.6	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3
≥ 9000	26.0	75.8	76.0	76.3	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1
IVIV 8000	26.0	76.5	76.8	77.1	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9
≥ 7000	26.1	76.6	76.9	77.3	77.4	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1
IVIV 6000	26.1	76.6	76.9	77.3	77.4	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1
≥ 5000	26.5	78.4	79.0	79.4	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2
IVIV 4500	26.5	79.0	79.7	80.0	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8
≥ 4000	26.6	79.7	80.3	80.6	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5
IVIV 3500	26.6	80.3	81.0	81.3	81.6	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3
≥ 3000	26.6	81.0	81.6	81.9	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9
IVIV 2500	26.6	82.3	83.2	83.5	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 2000	26.5	85.6	86.9	87.3	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
IVIV 1800	27.1	86.3	87.9	88.2	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2
≥ 1500	27.7	87.6	89.4	89.7	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
IVIV 1200	27.7	88.4	90.2	90.5	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5
≥ 1000	27.7	89.3	91.1	91.5	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
IVIV 900	27.7	89.7	91.5	91.8	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 800	27.9	89.6	91.6	91.9	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9
IVIV 700	28.1	90.3	92.3	92.6	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7
≥ 600	28.1	90.6	92.6	92.9	93.7	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.7	94.7
IVIV 500	28.1	90.6	93.1	93.4	94.2	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5
≥ 400	28.1	91.6	94.0	94.4	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6	96.6
IVIV 300	28.1	92.1	94.7	95.0	96.1	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6
≥ 200	28.1	92.6	95.7	95.8	97.1	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.9	98.9
IVIV 100	28.1	92.7	95.3	96.0	97.3	97.9	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.2	99.5
≥ 0	28.1	92.7	95.3	96.0	97.3	97.9	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 620

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,75-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	19.6	57.0	57.3	58.2	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7
≥ 20000	19.7	59.2	59.5	60.4	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9	60.9	60.9
IV ≥ 18000	19.7	59.2	59.5	60.4	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9	60.9	60.9
IV ≥ 16000	19.7	59.2	59.5	60.4	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9	60.9	60.9
IV ≥ 14000	19.7	61.2	61.6	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.9	62.9	62.9	62.9
IV ≥ 12000	20.2	64.1	64.4	65.3	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8	65.8	65.8
IV ≥ 10000	20.2	65.1	65.4	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.8
IV ≥ 9000	20.2	65.4	65.8	66.6	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1
IV ≥ 8000	20.2	66.1	66.4	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8
IV ≥ 7000	20.2	66.1	66.4	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8
IV ≥ 6000	20.6	66.4	66.8	67.6	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
IV ≥ 5000	20.7	68.3	68.6	69.5	70.0	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.5
IV ≥ 4500	20.7	69.0	69.3	70.2	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2
IV ≥ 4000	20.7	69.8	70.2	71.0	71.5	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0
IV ≥ 3500	20.9	71.0	71.3	72.2	72.7	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4
IV ≥ 3000	20.9	72.2	72.5	73.4	73.9	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7
IV ≥ 2500	21.4	74.7	75.0	75.9	76.4	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4
IV ≥ 2000	21.4	77.6	77.9	78.8	79.3	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3
IV ≥ 1800	21.4	78.1	78.4	79.3	79.8	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8
IV ≥ 1500	21.8	80.4	80.8	81.6	82.3	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3
IV ≥ 1200	21.8	82.1	82.5	83.3	84.0	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0
IV ≥ 1000	21.9	83.0	83.3	84.1	85.0	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0
IV ≥ 900	22.3	84.1	84.5	85.3	86.2	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2
IV ≥ 800	22.3	84.5	85.0	85.8	86.7	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7
IV ≥ 700	22.3	85.0	85.8	86.7	87.5	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
IV ≥ 600	22.8	86.0	86.8	87.7	88.9	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
IV ≥ 500	23.1	86.3	87.2	88.2	89.4	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	91.1
IV ≥ 400	23.3	87.4	88.2	89.2	90.6	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.2
IV ≥ 300	23.3	88.2	89.0	90.1	91.4	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	93.4
IV ≥ 200	23.3	88.2	89.0	90.1	91.6	92.6	93.3	93.9	93.9	94.1	94.1	94.1	94.1	94.3	94.3	94.8	95.6
IV ≥ 100	23.3	88.4	89.2	90.2	91.7	92.7	93.8	94.8	94.8	95.3	95.3	95.3	95.3	95.8	95.8	96.8	97.6
IV ≥ 0	23.3	88.4	89.2	90.2	91.9	92.9	93.9	94.9	94.9	95.4	95.6	95.6	95.6	96.1	96.1	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 593

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A14 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	34.1	50.8	51.4	51.7	52.0	52.2	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.4
≥ 20000	35.5	53.0	53.6	53.8	54.2	54.3	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.5
IV 18000	35.6	53.1	53.7	54.0	54.3	54.4	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.6
IV 16000	35.6	53.1	53.7	54.0	54.3	54.4	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.6
IV 14000	35.8	54.3	54.9	55.2	55.5	55.6	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.9
IV 12000	37.1	57.6	58.2	58.4	58.8	58.9	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	60.1
IV 10000	37.9	58.9	59.6	59.9	60.2	60.5	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.7
IV 9000	38.3	59.7	60.5	60.7	61.1	61.3	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.5
IV 8000	38.7	60.3	61.1	61.3	61.7	61.9	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	63.1
IV 7000	38.7	60.3	61.2	61.4	61.8	62.0	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.2
IV 6000	39.2	61.1	61.9	62.1	62.5	62.7	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.9
IV 5000	39.7	62.6	63.5	63.7	64.1	64.3	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.6
IV 4500	39.9	63.1	63.9	64.3	64.7	64.9	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	66.2
IV 4000	40.1	63.9	64.8	65.1	65.5	65.7	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.1
IV 3500	41.0	65.7	66.6	66.9	67.3	67.5	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.9
IV 3000	41.3	66.5	67.3	67.6	68.1	68.3	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.7
IV 2500	42.3	68.0	68.9	69.4	69.7	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.3
IV 2000	43.4	70.4	71.3	71.8	72.1	72.4	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.7
IV 1800	43.4	70.6	71.5	72.0	72.4	72.6	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.9
IV 1500	43.9	73.0	73.9	74.4	74.8	75.0	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.3
IV 1200	44.0	74.2	75.4	76.0	76.4	76.7	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	78.0
IV 1000	44.1	75.5	76.7	77.3	77.8	78.0	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
IV 900	44.5	76.2	77.5	78.1	78.6	78.8	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.2
IV 800	44.6	76.9	78.2	78.8	79.3	79.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	81.1
IV 700	44.6	77.5	79.3	79.9	80.4	80.6	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	82.2
IV 600	44.6	77.5	79.7	80.4	81.3	81.5	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	83.1
IV 500	45.0	77.9	80.0	81.2	82.0	82.2	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	84.4
IV 400	45.0	78.5	81.1	82.3	83.7	84.0	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.5
IV 300	45.0	78.7	81.5	82.9	84.5	85.1	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.4
IV 200	45.0	78.7	81.5	82.9	84.6	85.2	87.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	89.4
IV 100	45.0	78.7	81.5	82.9	84.6	85.2	87.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.2
IV 0	45.0	78.7	81.5	82.9	84.6	85.2	87.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.2

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615

LAUGHLIN AFB TX

69-70, 73-80

DEC

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	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	48.4	51.4	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	53.1	56.6	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.6	57.6
IVW 18000	53.4	56.9	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	58.0	58.0
16000	53.4	56.9	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	58.0	58.0
IVW 14000	54.5	58.1	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.1	59.1
12000	56.4	59.9	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.9	60.9
IVW 10000	56.7	60.2	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.3	61.3
9000	57.6	61.3	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.3	62.3
IVW 8000	58.6	62.3	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.3	63.3
7000	58.8	62.4	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.4	63.4
IVW 6000	59.5	63.2	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.2	64.2
5000	60.7	64.4	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.5	65.5
IVW 4500	60.9	64.7	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.7	65.7
4000	62.3	66.0	66.6	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.2	67.2
IVW 3500	63.2	67.0	67.6	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.2	68.2
3000	64.4	68.5	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.7	69.7
IVW 2500	66.3	70.6	71.1	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.8	71.8
2000	67.3	71.8	72.4	72.6	72.6	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.2
IVW 1800	67.5	72.2	72.7	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.5
1500	68.6	74.0	74.5	74.8	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.3	75.3
IVW 1200	69.3	75.3	75.9	76.1	76.1	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.7	76.7
1000	69.9	76.5	77.0	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.1	78.1
IVW 900	70.6	77.6	78.2	78.6	78.6	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.3	79.3
800	70.6	78.2	80.0	80.6	80.6	81.0	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7
IVW 700	70.6	79.4	80.9	81.5	81.5	81.7	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6
600	71.0	80.0	81.8	82.5	82.5	83.5	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.7	84.7	84.7
IVW 500	71.4	80.5	82.7	83.5	83.5	85.0	85.5	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6
400	71.5	80.7	83.6	84.7	84.7	86.6	87.4	88.8	89.8	89.8	89.8	89.8	89.8	89.8	90.5	90.6	90.6
IVW 300	71.5	80.7	83.6	84.7	84.7	87.2	87.7	89.3	90.8	91.5	91.5	91.5	91.5	91.5	92.3	92.8	92.8
200	71.5	80.7	83.6	84.7	84.7	87.2	87.7	89.3	90.8	91.5	91.5	91.5	91.5	91.5	92.3	92.8	92.8
IVW 100	71.5	80.7	83.6	84.7	84.7	87.2	87.7	89.3	90.8	91.5	91.5	91.5	91.5	91.5	92.3	92.8	92.8
0	71.5	80.7	83.6	84.7	84.7	87.2	87.7	89.3	90.8	91.5	91.5	91.5	91.5	91.5	92.3	92.8	92.8

TOTAL NUMBER OF OBSERVATIONS 880

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	54.4	57.8	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
IN 18000 IN 16000	60.0	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IN 14000 IN 12000	60.8	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	65.4	65.4
IN 10000 IN 9000	64.0	68.5	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
IN 8000 IN 7000	65.8	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IN 6000 IN 5000	67.9	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IN 4500 IN 4000	70.0	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	75.5
IN 3500 IN 3000	71.7	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IN 2500 IN 2000	75.0	80.4	80.8	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
IN 1800 IN 1500	76.6	82.3	82.8	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IN 1200 IN 1000	80.0	86.3	87.2	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IN 900 IN 800	81.4	88.6	89.7	90.1	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IN 700 IN 600	81.7	89.9	91.4	91.9	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IN 500 IN 400	82.6	92.1	94.1	94.6	95.6	95.9	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IN 300 IN 200	82.6	92.6	94.9	95.6	97.0	97.6	98.2	98.8	98.8	99.2	99.3	99.4	99.6	99.6	99.6	99.6
IN 100 IN 0	82.6	92.6	94.9	95.6	97.0	97.6	98.2	98.8	98.8	99.2	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

69-70,73-80
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	63.6	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	66.1
IV 20000	71.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 18000	71.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 16000	71.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 14000	73.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 12000	75.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 10000	76.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 9000	77.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 8000	78.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 7000	79.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 6000	80.0	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000	81.4	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4500	81.8	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	85.7
IV 4000	82.4	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3500	84.0	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 3000	84.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2500	85.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2000	85.7	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	90.6
IV 1800	85.9	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1500	87.0	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	92.8	92.8
IV 1200	88.3	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	88.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	88.5	95.0	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 800	88.8	95.5	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 700	89.1	96.2	96.8	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
IV 600	89.4	96.6	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
IV 500	89.4	96.6	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	89.4	97.1	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	89.4	97.1	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	89.4	97.1	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	89.4	97.1	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	89.4	97.1	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 894

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
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	≥½	≥¼	≥1/16	≥0	
NO CEILING	47.3	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	
IV 20000	50.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
IV 18000	50.9	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
IV 16000	51.2	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	
IV 14000	52.3	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	
IV 12000	53.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
IV 10000	53.9	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
IV 9000	54.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	
IV 8000	54.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
IV 7000	55.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
IV 6000	55.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
IV 5000	57.0	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	
IV 4500	57.4	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
IV 4000	57.6	87.5	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	
IV 3500	58.0	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
IV 3000	58.3	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	89.9	
IV 2500	58.6	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	
IV 2000	59.2	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
IV 1800	59.2	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
IV 1500	60.1	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
IV 1200	60.1	94.3	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
IV 1000	60.1	94.3	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
IV 900	60.2	94.6	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
IV 800	60.2	94.7	95.6	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
IV 700	60.2	94.7	95.6	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
IV 600	60.3	94.9	96.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
IV 500	60.4	95.1	96.3	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
IV 400	60.4	95.2	96.4	97.5	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 300	60.4	95.3	96.5	97.9	98.4	98.5	98.8	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	
IV 200	60.4	95.3	96.5	97.9	98.4	98.5	98.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	
IV 100	60.4	95.3	96.5	97.9	98.4	98.5	98.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	
IV 0	60.4	95.3	96.5	97.9	98.4	98.5	98.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	33.3	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 20000	34.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
IV 18000	34.7	72.2	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	72.6
16000	34.8	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
IV 14000	35.6	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	74.2	74.2
12000	36.3	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6
IV 10000	36.5	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
9000	36.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1
IV 8000	36.7	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
7000	37.2	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	80.5	80.5
IV 6000	37.5	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7
5000	38.0	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	82.7	82.7
IV 4500	38.2	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7
4000	38.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
IV 3500	38.7	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
3000	39.0	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9
IV 2500	39.0	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
2000	39.6	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
IV 1800	39.6	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0
1500	40.4	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3
IV 1200	40.6	91.0	91.7	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.6
1000	40.6	91.6	92.6	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.8	93.8
IV 900	40.6	91.7	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.6	94.6
800	40.6	91.7	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.6	94.6
IV 700	40.7	91.8	93.3	94.1	94.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.3	95.3
600	40.8	92.1	93.6	94.4	94.5	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7
IV 500	40.8	92.4	93.8	94.6	94.9	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.3	96.3
400	40.8	92.6	94.2	95.2	95.4	96.0	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.3	97.3
IV 300	40.8	93.0	94.6	95.6	96.1	96.7	97.5	97.5	97.6	97.7	97.7	97.9	97.9	97.9	98.3	98.3
200	40.8	93.0	94.6	95.6	96.5	97.1	98.0	98.3	98.4	98.7	98.8	98.8	98.8	98.8	99.2	99.2
IV 100	40.8	93.0	94.6	95.6	96.5	97.1	98.0	98.3	98.4	98.7	98.8	98.8	98.8	98.8	99.2	99.7
0	40.8	93.0	94.6	95.6	96.5	97.1	98.0	98.3	98.4	98.7	98.8	98.8	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.5	60.5	60.8	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4
≥ 20000	45.3	65.2	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	66.0
IV 18000	46.0	65.5	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4
IV 16000	46.1	65.6	65.9	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.5
IV 14000	46.9	67.1	67.4	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	68.0
IV 12000	48.3	69.4	69.7	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.3
IV 10000	48.9	70.8	71.1	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.7
IV 9500	49.4	71.6	71.9	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.5
IV 8000	49.9	72.4	72.7	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4
IV 7000	50.4	72.9	73.3	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.9
IV 6000	50.9	73.5	73.9	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.5
IV 5000	51.8	75.3	75.7	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.4
IV 4500	52.0	75.9	76.3	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	77.0
IV 4000	52.5	76.7	77.1	77.3	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9
IV 3500	53.2	77.9	78.3	78.5	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1
IV 3000	53.8	78.9	79.4	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.2
IV 2500	54.6	80.4	80.9	81.1	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.8
IV 2000	55.4	82.3	82.8	83.1	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8
IV 1800	55.5	82.6	83.2	83.5	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2
IV 1500	56.3	84.3	85.0	85.3	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0
IV 1200	57.0	85.7	86.5	86.8	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.6
IV 1000	57.2	86.5	87.4	87.8	88.0	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.6
IV 900	57.5	87.1	88.1	88.6	88.8	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.5
IV 800	57.6	87.7	88.8	89.4	89.6	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.4
IV 700	57.8	88.1	89.4	90.0	90.4	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.2
IV 600	58.0	88.7	90.1	90.8	91.4	91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.3
IV 500	58.2	89.0	90.7	91.4	92.2	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.4
IV 400	58.2	89.5	91.4	92.3	93.3	93.7	94.3	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.1	95.2
IV 300	58.2	89.7	91.7	92.6	93.8	94.2	95.0	95.4	95.6	95.8	96.0	96.0	96.2	96.2	96.4	96.7
IV 200	58.2	89.7	91.7	92.7	94.0	94.4	95.3	96.0	96.1	96.6	96.8	96.9	97.3	97.4	97.7	98.2
IV 100	58.2	89.8	91.8	92.7	94.0	94.5	95.4	96.1	96.3	96.8	97.2	97.2	97.8	97.9	98.3	99.4
IV 0	58.2	89.8	91.8	92.7	94.0	94.5	95.4	96.1	96.3	96.8	97.2	97.3	97.8	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6278

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

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

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
PERIOD

FEB
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	41.9			14.4							12.7	31.0	4.7	606
	03-05	39.1			11.8							9.2	39.8	5.2	608
	06-08	25.7			19.6							10.8	43.9	6.0	806
	09-11	20.0			18.8							14.1	47.0	6.5	834
	12-14	22.7			24.1							17.7	35.4	5.9	841
	15-17	20.9			32.1							17.1	29.9	5.5	837
	18-20	24.6			29.9							16.0	29.5	5.3	752
	21-23	40.9			17.7							12.7	28.7	4.5	727
TOTALS		29.5			21.1							13.8	35.7	5.5	6011

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

SKY COVER

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
PERIOD

MAY
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	31.8			22.3						15.7	30.2	5.1	655
	03-05	19.8			18.5					17.4	44.3	6.5	702	
	06-08	9.2			17.7					23.1	50.1	7.6	883	
	09-11	11.8			21.0					22.4	44.8	7.1	915	
	12-14	13.9			33.9					26.9	25.3	6.0	924	
	15-17	12.9			37.8					28.0	21.3	5.8	912	
	18-20	12.7			33.5					29.6	24.2	6.1	810	
	21-23	30.9			26.9					17.7	24.5	4.9	767	
TOTALS		17.9			26.5					22.6	33.1	6.1	6568	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70,73-81
PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	50.3			22.4						12.2	15.0	3.3	638
	03-05	32.3			22.0					19.1	26.6	5.0	687	
	06-08	12.3			24.0					22.7	40.9	6.9	853	
	09-11	12.2			31.6					25.6	30.5	6.3	891	
	12-14	11.7			54.7					22.4	11.2	4.8	899	
	15-17	13.7			57.8					21.1	7.4	4.4	886	
	18-20	20.0			42.5					26.0	11.5	4.8	816	
	21-23	41.0			31.7					13.8	13.5	3.5	761	
TOTALS		24.2			35.8					20.4	19.6	4.9	6431	

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

SKY COVER

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

69-70,73-80
 PERIOD

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	43.4			18.0						9.2	29.3	4.3	617
	03-05	40.6			14.6						6.8	38.0	4.9	589
	06-08	27.3			20.4						12.3	39.9	5.7	827
	09-11	23.0			21.1						14.8	41.0	6.1	877
	12-14	22.1			25.0						18.4	34.4	5.9	900
	15-17	26.4			27.0						22.1	24.5	5.3	894
	18-20	31.9			27.4						18.7	22.0	4.7	808
	21-23	43.0			19.2						13.3	24.5	4.2	746
TOTALS		32.2			21.6						14.5	31.7	5.1	6258

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

69-70,73-81
 PERIOD

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	25.4			17.8						14.6	42.3	6.1	6411
FEB		29.5			21.1					13.8	35.7	5.5	6011	
MAR		25.8			23.9					16.7	33.5	5.6	6756	
APR		21.9			23.0					18.4	36.8	6.0	6544	
MAY		17.9			26.5					22.6	33.1	6.1	6568	
JUN		24.2			35.8					20.4	19.6	4.9	6431	
JUL		25.1			40.7					19.2	15.1	4.5	6666	
AUG		25.3			42.9					21.0	10.9	4.3	6683	
SEP		27.0			33.4					19.9	19.7	4.8	6245	
OCT		34.2			28.9					14.1	22.8	4.4	6467	
NOV		39.0			21.6					12.6	26.9	4.5	6212	
DEC		32.2			21.6					14.5	31.7	5.1	6258	
TOTALS		27.3			28.1					17.3	27.3	5.2	77252	

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 points 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

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

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

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

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

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH

USAFETAC
 AIR WEATHER SERVICE/MAC
 72261F LAUGHLIN AFB TX
 STATION STATION NAME YEARS

DAILY TEMPERATURES

43-45, 53-81

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
110						.1	.1						.0
105						1.8	2.1	.7					.4
100			.3	.3	1.9	9.2	23.1	17.5	2.9	.3			4.9
95			1.1	4.4	12.2	40.8	64.4	61.4	21.6	1.6			18.0
90		.6	4.6	17.0	36.7	76.6	88.7	86.9	57.7	9.1	.4	.1	32.5
85	.3	3.8	14.2	42.0	65.0	92.9	96.9	95.3	80.7	32.1	3.4	.6	45.0
80	2.6	11.6	32.6	65.3	86.2	97.2	99.3	98.7	91.6	59.9	11.4	1.4	56.0
75	9.8	22.9	52.5	84.0	95.9	99.8	99.8	99.8	96.4	81.5	34.2	9.6	66.5
70	21.3	40.5	71.0	93.4	98.7	100.0	100.0	100.0	98.6	91.8	56.7	24.4	75.5
65	37.3	57.3	83.2	97.4	99.8				99.5	96.4	72.7	43.5	82.8
60	57.5	72.4	91.5	99.0	100.0				99.8	98.9	85.0	66.4	89.6
55	71.9	82.9	95.8	99.8					99.9	99.8	92.7	81.0	93.9
50	82.9	92.4	98.3	100.0					100.0	99.9	97.3	91.0	96.9
45	91.9	97.9	99.8							100.0	99.3	96.0	98.8
40	97.4	99.3	100.0								99.8	99.0	99.6
35	99.2	99.9									100.0	99.9	99.9
30	99.8	100.0										100.0	100.0
25	100.0												100.0
MEAN	60.6	66.0	74.2	82.1	86.8	92.8	95.7	95.0	89.3	80.5	69.6	62.7	79.6
S D	10.739	10.943	10.150	7.677	6.658	5.650	5.179	5.247	6.776	7.497	9.337	9.310	14.660
TOTAL OBS	916	843	945	926	951	932	983	992	917	926	891	904	11126

2

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 722615 LAUGHLIN AFB TX
 STATION STATION NAME

DAILY TEMPERATURES

43-45, 53-81
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
40					.1	.6	.5	.3					.1
45					.5	4.1	10.0	7.2	.9				2.0
50			.1	.2	7.3	38.5	63.4	58.2	21.5	2.1	.1		16.6
55			.5	10.4	35.1	80.9	97.6	94.2	64.6	15.9	.9		34.4
60	.3	.4	6.8	34.0	71.1	95.9	99.9	99.9	83.8	37.6	5.5	.4	45.8
65	2.7	5.3	22.5	59.5	89.2	98.6	100.0	100.0	95.1	57.2	16.2	2.4	55.2
70	6.0	15.1	41.2	78.8	97.0	99.9			98.5	75.4	30.8	9.0	63.7
75	16.4	31.0	58.7	90.7	98.9	100.0			99.8	89.6	49.0	21.1	72.1
80	29.7	49.8	77.2	96.1	99.9				100.0	96.9	69.0	36.1	80.2
85	52.0	70.7	89.4	98.9	100.0					99.2	83.4	58.8	88.1
90	73.8	85.3	96.1	99.7						99.8	93.4	81.6	94.3
95	79.7	89.9	97.5	99.8						100.0	96.0	87.3	96.0
100	88.1	95.4	98.9	100.0							98.4	93.5	97.9
105	95.1	98.8	100.0								99.6	99.0	99.4
110	98.8	99.8									100.0	99.9	99.9
115	99.8	100.0										100.0	100.0
120	99.9												100.0
125	100.0												100.0
MEAN	40.1	44.5	51.5	60.4	67.0	72.9	75.4	74.9	70.2	60.6	49.3	42.1	59.1
S.D.	9.253	9.119	9.140	7.715	5.869	4.494	3.184	3.391	5.574	8.338	9.548	8.548	14.588
TOTAL OBS.	916	843	945	926	951	931	983	992	917	926	891	904	11125

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 722615 LAUGHLIN AFB TX
 STATION STATION NAME

DAILY TEMPERATURES

53-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
95						.5	.3						.1
90					.5	6.4	13.4	9.5	.4				2.6
85			.2	.7	7.2	40.4	65.5	59.5	19.0	.8			16.6
80			1.5	10.8	34.4	79.4	94.0	90.9	61.9	10.5			32.6
75		.4	8.0	35.4	69.9	95.2	99.1	98.8	86.1	35.4	1.8		44.9
70	.8	5.7	24.8	64.1	91.6	99.3	99.9	99.8	95.3	58.8	12.3	.6	55.1
65	5.4	15.5	47.0	84.8	98.1	100.0	100.0	100.0	98.6	80.9	30.9	7.2	64.7
60	17.1	34.6	65.9	93.7	100.0				99.5	93.2	55.0	21.0	73.8
55	33.4	54.0	81.4	98.6					99.9	98.1	73.6	40.4	82.0
50	54.8	73.4	92.2	99.8					100.0	99.9	86.6	67.5	89.7
45	75.1	88.9	97.5	100.0						100.0	95.2	85.4	95.2
40	88.8	95.8	98.8								98.9	95.1	98.1
35	96.0	99.2	100.0								99.8	99.6	99.6
30	98.9	100.0									100.0	100.0	99.9
25	99.8												100.0
20	100.0												100.0
15													
10													
5													
0													
MEAN	50.5	55.3	62.9	71.4	77.1	83.0	85.6	85.0	80.0	70.9	59.7	52.8	69.5
S.D.	8.971	8.898	8.799	6.789	5.388	4.672	3.852	3.884	5.457	7.155	8.372	7.669	14.163
TOTAL OBS.	854	783	864	836	858	841	890	899	833	864	831	842	10195

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX
STATION

43-45, 53-81
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		* 67*	91	97	99	101	105	107	99	88	84	74	
44	77	81	89	95	97	99	110	104	97	90	84	72	110
45	79	86	89	97	101	105	105	106*	102				
53					*	102	102	105	102	94	85	74	
54	80	92	102	90	95	99	109	102	100	94	85	83	109
55	77	79	96	98	102	101	101	102	94	95	90	89	102
56	80	88	95	95	98	105	101	102	99	102	81	79	105
57	78	93	88	91	97	100	104	103	98	92	81	76	104
58	77	79	78	98	97	101	101	101	96	92	84	79	101
59	82	93	90	92	99	100	101	102	103	92	85	77	103
60	80	92	90	96	99	108	108	99	100	97	85	70	108
61	75	81	89	95	98	98	97	97	99	90	84	76	99
62	78	89	87	95	97	97	103	104	103	95	86	76	104
63	83	89	93	101	92	98	101	100	103	90	88*	76	103
64	* 76*	73*	84*	94*	97*	101*	104	103*	97	85*	80*	76	* 104
65	* 81	80	83	97*	93	100*	104	103*	100	89*	85*	75	* 104
66	* 68*	74	83	92*	101	95*	101	101*	96	90*	81*	79	* 101
67	* 80*	75	95	96*	102	100*	102	101*	91	84*	86*	74	* 102
68	* 74	76	80	92*	96	100*	97	100*	100	92	86	74	100
69	83	86	89	88	98	108	103	107	92	91	91	73	108
70	74	80	81	92	93	104	106	104	99	90	87	78	106
71	88	85	101	95	97	98	95	91	97	86	81	79	101
72	84	90	93	100	91	102	100	95	97	92	86	79	102
73	75	75	85	93*	103	99*	95	100*	98*	88*	81*	83	* 103
74	* 83*	88	96	97*	104	104*	103	100*	93*	86*	80*	76	* 104
75	* 82	80	94	89	90	102	99	98	98	91	90	79	102
76	86	89	93	92	96	99	98	99	98	90	78	75	99
77	78	85	86	86	87	96	102	107	103	101	86	90	107
78	75	85	88	98	101	100	103	101	93	89	83	78	103
79	71	84	85	91	103	95	103	98	101	102	85	79	103
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)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722015
 STATION

LAUGHLIN AFB TX
 STATION NAME

43-45, 53-81
 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
85	82	86	90	101	102	110	106	103	100	93	90	76	110
81	78	81	88	86	96	96	97	98					
MEAN	79.1	84.8	89.5	94.2	96.9	100.7	102.4	101.3	98.7	92.0	85.2	77.6	104.4
S.D.	4.049	5.241	5.786	4.044	3.982	3.781	3.742	3.516	3.107	4.480	3.176	4.727	3.485
TOTAL OBS	916	843	945	926	951	932	983	992	917	926	891	904	11126

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) AT LEAST ONE DAY LESS THAN 24 OBS

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

43-45, 53-81
 YEARS

WHOLE DEGREES FAHRENHEIT

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722615 LAUGHLIN AFB TX
STATION STATION NAME

43-45, 53-81
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
90	29	23	25	41	62	61	75	68	68	35	31	30	23
81	31	17	38	48	51	62	65	68					
MEAN	22.5	27.7	33.7	43.7	53.9	63.3	69.8	68.9	58.7	44.0	31.2	27.7	21.1
S.D.	5.799	5.712	5.091	6.460	5.093	4.625	2.739	3.009	5.013	4.918	4.479	3.154	4.390
TOTAL OBS	916	843	945	926	951	931	983	992	917	926	891	904	11125

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) (AT LEAST ONE DAY LESS THAN 24 OBS)
FORM JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73, 75-81 JAN
 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			
68/ 67		.5																3	3					
66/ 65																				3				
64/ 63			.5	.2														4	4		3			
62/ 61	.6					.2												5	5	5	4			
61/ 59			.2			.2												2	2	2	1			
58/ 57		.5	.2	1.0	.5	.6												18	18	1	2			
56/ 55	.6	.3	.3	.6	.8	.2	.6	.2										23	23	8	7			
54/ 53	.5	1.0	1.0	.6	1.3	.6	.6	.3										37	37	7	7			
52/ 51	.2	1.3	1.0	1.0	.8	.8	.3	.2										34	34	23	5			
50/ 49	.5	.8	2.4	2.6	1.3	.5												50	50	22	13			
48/ 47	.6	1.8	1.9	1.3	1.3	.8	.2											49	49	37	19			
46/ 45	1.3	1.9	1.3	1.9	1.3	1.0												54	54	44	29			
44/ 43	.5	3.9	1.8	2.1	.3	.5												56	56	67	27			
42/ 41	1.0	2.6	2.9	2.1	1.1	.2												61	61	55	48			
40/ 39	1.1	1.6	3.1	1.6	.6													50	50	69	56			
38/ 37	.5	4.2	1.6	1.3	.5													50	50	64	29			
36/ 35	.3	1.3	2.6	1.0	.2													33	33	52	44			
34/ 33	.3	.3	2.3	1.4	.5													30	30	44	41			
32/ 31	.5	1.4	2.3	1.0	.2													33	33		64			
30/ 29	.2	.5	.3	.3	.2													9	9	30	30			
28/ 27		1.0	.6	.3														12	12	24	44			
26/ 25		.2	.6	.2														6	6	18	37			
24/ 23		.2	.2															2	2	5	20			
22/ 21		.2																1	1	8	22			
20/ 19																				1	25			
18/ 17																					17			
16/ 15																					7			
14/ 13																					8			
12/ 11																					6			
10/ 9																					1			
8/ 7																					1			
6/ 5																					4			
4/ 3																					1			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73.75-81 JAN
STATION MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																		
TOTAL	4.7	25.2	26.8	20.4	10.8	5.5	1.8	.8																													622	622	622

Element (X)	Σ X ²	Σ X	R	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total																											
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F																										
Rel. Hum.	3315020	43978	70.7	18.195	622																																	93
Dry Bulb	1217690	27044	43.5	8.208	622		9.4	.4																														93
Wet Bulb	1006631	24535	39.4	7.908	622		17.8																															93
Dew Point	777083	21005	33.8	10.444	622		42.9																															93

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73.76-81 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
67/67		.5																3	3		
66/65																				3	1
64/63	.3	.5																5	5	2	4
62/61	.2																	1	1	4	2
60/59	.2			.2														2	2	1	3
58/57	.2	.5	.2	.5	.2													9	9	1	1
56/55	.6	.6	.6	1.3					.2									21	21	8	7
54/53	.8	1.0	.3	.2	.2	.3	.2											18	18	9	3
52/51	.6	1.0	1.1	.8	1.0	.2	.5											32	32	22	12
50/49	.6	1.5	1.3	1.5	.6	.2	.3											37	37	18	11
48/47	.8	.5	2.3	1.6	1.1	1.1												46	46	26	23
46/45	.3	3.7	1.6	1.3	1.0													49	49	27	29
44/43	1.8	2.9	1.9	3.1	.2	.3												63	63	60	24
42/41	.5	3.1	3.2	1.5	.8	.2												57	57	54	28
40/39	2.9	1.5	3.1	1.6	.5													59	59	70	59
38/37	.8	3.7	1.9	.8	.3													47	47	62	34
36/35	1.1	2.9	3.7	.6														52	52	59	49
34/33	.2	1.3	3.9															33	33	47	39
32/31	.3	1.1	2.4	1.1														31	31	46	67
30/29	.3	1.3	1.5	.5														22	22	33	27
28/27		.5	1.3	.3														13	13	23	34
26/25		.8	.3	.3														9	9	20	48
24/23		.3		.2														3	3	8	24
22/21		.3	.5															5	5	7	24
20/19		.5																3	3	6	18
18/17																				4	21
16/15																					11
14/13																					5
12/11																					2
10/9																					4
8/7																					1
6/5																					2
4/3																					1
2/1																					2
Element (X)	Σ X'		Σ X		X	P _X	No. Obs.										Mean No. of Hours with Temperature				
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

9477 54321

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF-WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73, 76-81 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb Dew Point						
TOTAL	11.6	29.7	31.8	17.4	5.8	2.1	1.1	.3										620	620	620						
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.															Mean No. of Hours with Temperature				Total		
Rel. Hum.	3620546	46242	74.6	6.552	620															≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	1120403	25843	41.7	8.355	620																22.9	.5				93
Wet Bulb	956944	23814	38.4	8.262	620																22.1					93
Dew Point	769258	20836	33.6	10.561	620																43.7					93

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

0477 74231

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
66/ 65		.7																6	6	5	1														
64/ 63		1.3																11	11	1	5														
62/ 61		.7	.1															7	7	13	8														
60/ 59	.3	.3																6	6	10	11														
58/ 57	.2	.6	.2	.5														13	13	3	6														
56/ 55	.5	.8	.2	.5		.2												19	19	14	13														
54/ 53		1.3	.8	.2	.1		.5											25	25	8	5														
52/ 51	.6	1.7	.9	.5	.2		1.0											43	43	26	17														
50/ 49	1.1	1.3	1.0	1.5	.7	.9	.2											59	59	30	29														
48/ 47	1.3	1.6	1.3	1.0	.7	.3	.2											56	56	40	29														
46/ 45	.9	3.2	1.1	1.4	.7	.2												66	66	38	31														
44/ 43	1.4	3.3	1.8	2.3	.2	.1												80	80	67	41														
42/ 41	1.0	4.1	2.4	1.4	.8													85	85	74	43														
40/ 39	1.7	3.1	1.7	.8														64	64	102	67														
38/ 37	1.6	2.6	2.1	.6	.5													64	64	88	48														
36/ 35	1.0	2.3	2.6	1.3	.1													64	64	65	62														
34/ 33	.3	2.6	2.8	.2	.1													54	54	48	51														
32/ 31	.3	2.6	2.6	.6														54	54	61	75														
30/ 29	.7	1.3	1.4															29	29	72	47														
28/ 27	.2	1.6	1.8															32	32	33	63														
26/ 25		1.6	.3															17	17	27	46														
24/ 23		.5	.2	.1														7	7	27	36														
22/ 21		.3	.1															4	4	5	44														
20/ 19		.7																6	6	6	34														
18/ 17		.6	.2															7	7	9	23														
16/ 15																				4	17														
14/ 13																					11														
12/ 11																					6														
10/ 9																					4														
8/ 7																					2														
6/ 3																					1														
4/ 1																					1														
TOTAL	13.2	40.4	25.9	12.6	4.1	1.8	1.9												878	878	876	975													
Element (X)	Z _X ¹	Z _X	X	X _n	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	5482829	67813	77.2	16.722	878	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F																								
Dry Bulb	1565747	36193	41.2	9.173	878		16.5																												
Wet Bulb	1364547	33669	38.3	9.150	878		25.8																												
Dew Point	1131232	29908	34.1	1.324	878		43.5																												

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

0477 54321

AI1-A116 094

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/6 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (U)
APR 82

UNCLASSIFIED

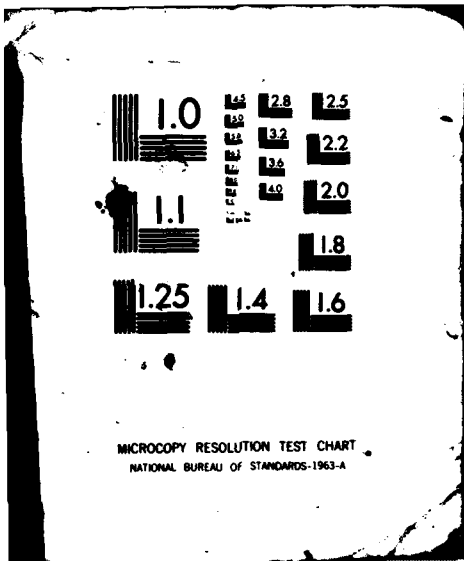
USAFETAC/OS-82/026

SBI-AD-E850 173

NL

4 5





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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 71-81 JAN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb		Dew Point		
70/ 69									.1									1	1				
68/ 67		.6	.2					.2	.1	.1								13	13				
66/ 65		.1	.1	.2	.1			.1	.1	.1								8	8	6	2		
64/ 63	.2	1.0		.7	.1	.1	.2	.4										25	25	7	8		
62/ 61	.2	.7	.2	.2	.2	.2	.2	.2		.2								22	22	12	11		
60/ 59	.1	.3	1.0	.8	.1	.8	.3	.2	.8	.1								32	32	7	6		
58/ 57	.3	.7	.6	.7		.6	.8	.4	.2									38	38	21	8		
56/ 55	.3	1.8	.3	.8	.7	1.0	.9	.1	.2									49	49	20	14		
54/ 53	.1	1.8	.9	.4	1.2	.8	.6	.3										55	55	33	19		
52/ 51	.6	1.5	1.8	.8	1.3	1.1	.9	.1										70	70	37	37		
50/ 49	.2	1.1	2.1	1.4	2.1	1.2	.2											76	76	42	19		
48/ 47	.8	2.3	1.5	1.5	.9	.9	.3											75	75	54	33		
46/ 45	.4	2.1	1.8	1.0	.9	1.2	.1											68	68	88	38		
44/ 43	.7	2.0	1.8	1.7	.6	.6	.2											82	82	89	43		
42/ 41	1.1	1.5	2.5	.9	.3	.3												61	61	106	60		
40/ 39	1.4	1.7	1.0	1.4	.6	.3												58	58	91	54		
38/ 37	.8	1.7	.6	1.1	.8													44	44	64	62		
36/ 35	.2	1.1	2.0	1.1	.3													43	43	51	73		
34/ 33	.1	.9	1.7	1.0		.1												34	34	44	65		
32/ 31	.1	.6	1.1	1.1	.1													27	27	48	53		
30/ 29	.1	.4	.9	.2	.1													16	16	36	53		
28/ 27		.1	.2															3	3	26	33		
26/ 25		.2	.1	.1														4	4	12	45		
24/ 23		.2	.1															3	3	8	32		
22/ 21																				4	33		
20/ 19																				1	27		
18/ 17																					23		
16/ 15																					18		
14/ 13																					11		
12/ 11																					8		
10/ 9																					5		
8/ 7																					1		
4/ 3																					1		
-2/ -1																					2		
Element (X)	X ₁	X ₂	X ₃	X ₄	X ₅	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.						≤ 60 F	≤ 55 F	≤ 50 F	≤ 45 F	≤ 40 F	≤ 35 F												
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

8477-34281

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 722615 LAUGHIN AFB TX STATION NAME 70-73-01 YEARS JAN MONTH

PAGE 1 1200-1800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point					
80/ 79											.2						2	2								
78/ 77											.1	.1	.2				9	9								
76/ 75								.1	.3	.3	.1						10	10								
74/ 73				.1		.2	.2	.1	.5	.3	.3						19	19								
72/ 71			.1		.1	.1	.2	.4	.5	.9	.2	.1					25	25								
70/ 69			.4	.1	.2	.6	.4	.3	.5	.9	.4	.2					39	39								
68/ 67			.4	.1	.6	.4	.4	.2	.9	.3	.4						36	36	5							
66/ 65		.3	.3	.4	.4	.8	.2	.6	.5	.4	.1						41	41	5	3						
64/ 63		.5		.1	.9	.3	.6	.2	.6	.6	.1						38	38	16	11						
62/ 61	.1	.4	.5	.3	.4	.4	.5	1.0	.9	.8							50	50	15	7						
60/ 59	.2	.4	.6	.9	.2	.9	.8	1.1	1.1	.1							58	58	30	10						
58/ 57	.1	.4	.3	.6	.4	1.3	.8	1.2	.4	.1							55	55	33	11						
56/ 55		1.0	.4	.5	1.4	1.1	1.0	1.0	.2								61	61	48	19						
54/ 53	.3	.4	.6	1.3	1.4	1.0	.9	.8	.1								69	69	64	25						
52/ 51	.3	.1	1.0	1.1	1.4	1.0	1.5	.2									61	61	53	34						
50/ 49		1.2	.9	1.2	1.5	.9	.9	.6									62	62	61	22						
48/ 47		1.5	.4	.6	1.4	.4	.8	.1									49	49	85	37						
46/ 45	.2	1.1	1.3	1.1	.9	.3	.6										51	51	101	38						
44/ 43	.2	1.8	.8	1.4	.8	.8	.4										57	57	75	40						
42/ 41	.2	1.4	.5	1.3	.1	.5											38	38	83	45						
40/ 39	.8	.4	.3	.9	.8	.1	.1										31	31	65	77						
38/ 37	.1	.3	.9	.3	.5	.1	.1										22	22	50	55						
36/ 35		.2	1.3	.5	.4	.1											24	24	38	60						
34/ 33		.2	.8	.2	.3												19	19	33	50						
32/ 31	.1		.1	.2													4	4	30	55						
30/ 29		.3															3	3	18	61						
28/ 27		.1															1	1	11	32						
26/ 25																			5	26						
24/ 23																				25						
22/ 21																				30						
20/ 19																				33						
18/ 17																				15						
16/ 15																				17						
14/ 13																				16						
Station (X)																										
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										
																	Mean No. of Hours with Temperature									
																	≤ 60 F	≤ 62 F	≤ 64 F	≤ 66 F	≤ 68 F	≤ 70 F	Total			

USAFETAC FORM 0-24-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70-73-81 JAN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																		
86/ 85																.1	.1															2	2					
84/ 83																							.1	.2								3	3					
82/ 81																									.7							6	6					
80/ 79																	.2	.1	.2													5	5					
78/ 77										.1					.1	.3	.3	.5								.1						14	14					
76/ 75							.2	.3	.2	.5	.1	.4	.3	.5																		29	29					
74/ 73				.3	.1	.3	.4	.1	.4	.8	1.0	.8	.3																			42	42					
72/ 71			.1	.2	.2	.3	.7	.4	.5	.9	1.2	.3	.3																			44	44					
70/ 69			.2		.2	.9	1.1	.8	.7	.5	.5																					45	45					
68/ 67			.1	.2	.1	.4	.9	.3	1.3	.1	.1																					37	37	9				
66/ 65		.1	.1	.1	.1	.2	.9	1.1	.2	.7	.9																					40	40	8	3			
64/ 63	.3		.3	.8	.7	.5	1.0	1.1	1.1	1.4																						66	66	16	10			
62/ 61		.3	.3	1.0	.5	.4	.9	1.2	1.0	.9																						60	60	18	8			
60/ 59		.1	.7	.3	.9	.3	.7	1.2	.9	.8																						53	53	37	7			
58/ 57		.2	.2	1.1	.8	1.0	.8	1.2	.8																								55	55	52	8		
56/ 55		.2	.2	.1	.8	.9	1.1	.8	1.0																								46	46	60	22		
54/ 53		.5	.3	.5	1.4	1.0	.3	1.0																									47	47	73	21		
52/ 51	.3	.3	.8	.9	.7	1.0	1.0	.7																									51	51	68	28		
50/ 49		.9	.8	.9	.9	.2	.3	.7	.2																								44	44	55	23		
48/ 47	.1	.4	1.1	1.0	.5	.2	.8	.5																									43	43	76	37		
46/ 45	.5	.4	.5	.8	.9	1.0	.8	.1																									46	46	96	43		
44/ 43	.8	1.7	1.1	.8	.9	.7																											51	51	89	41		
42/ 41		1.0	.4	1.3	.4	.2																											31	31	65	67		
40/ 39	.4		.4	.2	.5	.7																											21	21	55	73		
38/ 37			.2	.1	.2																												5	5	33	56		
36/ 35		.5	.8	.5	.2																													19	19	39	51	
34/ 33		.1	.7	.2	.1																													10	10	29	47	
32/ 31		.1	.1																															2	2	22	59	
30/ 29		.2																																2	2	13	59	
28/ 27		.1																																1	1	7	42	
26/ 25																																					37	
24/ 23																																					31	
22/ 21																																					37	
20/ 19																																					40	
Station (S)																																						
Ref. Num.																																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

4477-9431

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 LAUGHLIN AFB TX 70, 73-01 JAN 1500-1700
STATION MONTH YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																				17	
16/ 15																				18	
14/ 13																				15	
12/ 11																				7	
10/ 9																				7	
8/ 7																				3	
6/ 5																				3	
TOTAL	2.2	7.4	9.5	11.3	11.3	10.7	11.2	12.2	7.3	7.5	4.8	2.6	1.6	.3	.1	.1		920		920	
																	920		920		

Element (N)	5 th	6 th	7 th	8 th	No. Obs.	Mean No. of Hours with Temperature					Total	
	50 F	55 F	60 F	65 F		60 F	65 F	70 F	75 F	80 F	85 F	
Dry Bulb	216852	6290	87.811.808	920		.8	22.9	10.2	1.2			93
Wet Bulb	212378	6362	87.311.828	920		2.2	.9					93
Dew Point	129516	3228	38.811.893	920		12.8						93

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

9477-9431

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 JAN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
76/ 77											.1							1	1		
76/ 75											.1	.1						2	2		
74/ 73				.1	.4				.1	.2								8	8		
72/ 71				.2	.1	.1			.1	.2								8	8		
70/ 69			.1			.4				.6	.5	.1	.1					15	15		
68/ 67			.4	.1	.4	.1	.1	.4	.5	.4	.1							22	22	2	
66/ 65			.4	.1	.5	.2	.4	1.0	.4	.2								26	26	6	2
64/ 63		.2	.2	.7	.2	.5	.7	.5	.4	.9	.1							37	37	5	2
62/ 61	.1	.4	.4	.5	.6	.4	.6	.7	.7	.5								40	40	10	10
60/ 59		.6	.9	.1	.6	1.2	.9	1.1	.6	.1								50	50	13	8
58/ 57		.2	.6	1.1	1.1	.6	1.5	.7	1.1									57	57	18	5
56/ 55		.7	1.0	1.4	1.4	1.0	1.1	.9	.5									64	64	28	13
54/ 53		.2	.7	1.0	1.0	.5	1.2	.4										41	41	40	19
52/ 51	.4	.9	.7	1.0	1.6	1.9	1.0	.2										62	62	51	19
50/ 49	.1	1.2	.9	1.0	1.1	1.4	.9	.5										57	57	68	17
48/ 47	.4	.9	1.1	1.6	1.0	.7	1.1											55	55	66	25
46/ 45	.9	1.2	1.0	1.2	.9	.6	.2											49	49	78	44
44/ 43	.2	2.7	1.7	1.0	.5	.9	.5											61	61	83	47
42/ 41	.2	1.6	1.1	1.0	1.4	.5	.1											48	48	90	48
40/ 39	.1	.6	1.1	1.2	1.2	.1												36	36	58	65
38/ 37			.4	1.0	.5	.5												19	19	48	55
36/ 35		.4	.9	.9	.1													18	18	33	44
34/ 33		.7	.1	.6														12	12	40	45
32/ 31		.6	.5	.4														12	12	32	55
30/ 29		.5	.4															7	7	18	48
28/ 27																				14	33
26/ 25																				6	50
24/ 23																					15
22/ 21																					40
20/ 19																					43
18/ 17																					15
16/ 15																					14
14/ 13																					19
12/ 11																					3
Element (K)	S ₁		S ₂		I		C ₂		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 6 F	≤ 22 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

9477-10321

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70-73-81 JAN

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						
10/ 9																									1	
8/ 7																										5
6/ 5																										2
TOTAL	2.5	13.9	4.6	16.4	4.6	11.6	0.4	6.4	5.1	3.3	.7	.4										807		807		

Element (K)	S ₁	S ₂	I	C ₂	No. Obs.	Mean No. of Hours with Temperature	Total				
						< 67 F	< 73 F	< 79 F	< 85 F	< 91 F	
Rel. Hum.	3018717	46155	57.2	21.683	807						93
Dry Bulb	2232281	41695	51.7	9.880	807	2.2	6.8	1.3			93
Wet Bulb	1631885	35887	48.2	8.166	807	8.1	.2				93
Dew Point	1096432	28260	38.0	1.892	807	39.1					93

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

9477-543E

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73, 75-81 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
68/ 67		.1	.3						.1									4	4							
66/ 65				.1				.1										2	2	2						
64/ 63			.3	.3			.3	.1	.3									9	9	1	2					
62/ 61	.3	.4	.3	.3	.3	.3	.5	.1										18	18	3	3					
60/ 59	.1	.4	.4	.1	.4	.5	.4	.5										22	22	11	7					
58/ 57		.7	.5	.4	.3	1.1	.5	.3										28	28	2	3					
56/ 55	.5	1.1	.7	1.1	.4	1.1	.8	.3	.5									48	48	17	11					
54/ 53		.8	1.1	.7	.8	1.2	.8	.7										45	45	17	10					
52/ 51		1.7	1.7	1.9	.5	.4	.8	.1										54	54	28	12					
50/ 49	.5	1.5	2.8	2.5	1.5	1.3	.5											77	77	48	20					
48/ 47	.3	2.1	1.1	1.3	1.7	.7	.3											56	56	53	32					
46/ 45	.4	2.5	1.3	.9	1.7	1.1												60	60	76	33					
44/ 43	.8	2.9	.7	1.6	.9	.5												56	56	68	47					
42/ 41	1.1	3.4	1.9	1.7	1.9	.3												77	77	74	62					
40/ 39	.3	2.1	2.4	1.2	.9	.3												54	54	68	67					
38/ 37		1.7	1.9	1.7	.5	.1												45	45	73	61					
36/ 35		.3	1.9	1.9	.3													32	32	52	53					
34/ 33		1.2	.7	.7	.7													24	24	43	31					
32/ 31	.3	1.2	1.1	.3	.1													22	22	48	68					
30/ 29		.3	.5	.1														7	7	30	61					
28/ 27		.3	1.2															11	11	15	50					
26/ 25		.1	.1															2	2	18	37					
24/ 23																				5	32					
22/ 21		.1																1	1	2	33					
20/ 19																					30					
18/ 17																					18					
16/ 15																					11					
14/ 13																					7					
12/ 11																					5					
10/ 9																					5					
8/ 7																					1					
6/ 5																					2					
TOTAL	4.52	9.92	2.18	0.78	2.9	8.8	4.9	2.3	.9									754	754	754	754					
Element (X)	Σ ²		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ					
Rel. Hum.	3474311		50857		66.9		19.978		754		± 8 F		± 22 F		± 67 F		± 73 F		± 80 F		± 93 F		Total			
Dry Bulb	1480243		39781		86.0		8.832		754		5.3		.5										93			
Wet Bulb	1317983		10943		81.1		7.855		754		18.6												93			
Dew Point	882169		25979		58.8		10.758		754		81.9												93			

9437-94321
 USAFETAC FORM 71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS JAN MONTH

PAGE 1 ALL 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																						
86/ 85																.0	.0															2	2									
84/ 83																	.0	.0														3	3									
82/ 81																																6	6									
80/ 79																																7	7									
78/ 77									.0							.0	.0														19	19										
76/ 75						.0		.0	.0							.1	.1														41	41										
74/ 73				.1	.1	.1	.1	.1	.0							.2	.2	.2	.0												69	69										
72/ 71			.0	.1	.1	.1	.1	.1	.2	.2	.2	.1	.0																	77	77											
70/ 69			.1	.0	.1	.3	.2	.2	.3	.3	.2	.0																		100	100											
68/ 67		.2	.2	.1	.2	.2	.2	.1	.2	.3	.3	.1	.0																	118	118	16										
66/ 65		.2	.1	.2	.2	.2	.2	.4	.2	.2	.1																			123	123	38	12									
64/ 63	.1	.5	.2	.4	.3	.2	.4	.3	.3	.4	.0																			195	195	48	45									
62/ 61	.2	.4	.2	.3	.3	.2	.4	.5	.4	.3																				203	203	80	53									
60/ 59	.1	.3	.5	.3	.3	.5	.4	.6	.6	.2																				225	225	111	53									
58/ 57	.1	.5	.4	.7	.4	.7	.6	.5	.3	.0																				273	273	131	44									
56/ 55	.3	.8	.5	.7	.7	.7	.7	.4	.3																					331	331	203	106									
54/ 53	.1	.9	.8	.7	1.0	.7	.7	.5	.0																					337	337	251	109									
52/ 51	.4	1.0	1.1	1.0	.9	.8	.9	.2																						407	407	310	164									
50/ 49	.4	1.2	1.4	1.5	1.2	.8	.4	.2	.0																					462	462	344	154									
48/ 47	.5	1.4	1.3	1.2	1.1	.6	.5	.1																						429	429	437	235									
46/ 45	.6	1.9	1.2	1.2	1.0	.7	.2	.0																						443	443	548	285									
44/ 43	.7	2.6	1.6	1.7	.6	.5	.2																							506	506	598	310									
42/ 41	.6	2.3	1.8	1.4	.8	.3	.0																							458	458	601	401									
40/ 39	1.0	1.3	1.5	1.1	.6	.2	.0																							373	373	578	518									
38/ 37	.5	1.6	1.1	.8	.5	.1	.0																							296	296	482	380									
36/ 35	.3	1.1	1.9	1.0	.2	.0																								285	285	389	436									
34/ 33	.1	.9	1.5	.5	.2	.0																								211	211	328	369									
32/ 31	.2	.9	1.2	.5	.0																									185	185	320	506									
30/ 29	.2	.6	.6	.1	.0																									95	95	250	366									
28/ 27	.0	.4	.4	.1																										73	73	153	331									
26/ 25		.4	.2	.1																										38	38	106	356									
24/ 23		.1	.1	.0																										15	15	53	215									
22/ 21		.1	.1																											11	11	26	263									
20/ 19		.1																												9	9	18	250									
Summary (X)	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ							
Rel. Hum.																																Mean No. of Hours with Temperature										
Dry Bulb																																≤ 60 F	≤ 70 F	≤ 75 F	≤ 80 F	≤ 90 F	Total					
Wet Bulb																																										
Dew Point																																										

9477-543E1

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 R WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS JAN MONTH

PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL HOURS (L. S. T.)					
	0	1-2	3-4	5-6	7-8	9-10	11-12	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/ 17		.1	.0															7	7	13	149
16/ 15																				4	113
14/ 13																					88
12/ 11																					47
10/ 9																					30
8/ 7																					18
6/ 5																					14
4/ 3																					5
2/ 1																					3
0/ -1																					1
-2/ -3																					3
TOTAL	6.4	21.7	20.1	5.6	10.7	7.8	6.2	4.4	2.8	2.3	1.1	.6	.3	.0	.0	.0				6432	6432

Element (X)	Z ₁	Z ₂	Z	Z _n	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Num.	29609228	811912	68.0	22.811	6832	< 60 F	60-67 F	67-73 F	73-80 F	> 80 F	
Dry Bulb	15820632	310818	88.3	11.159	6832		80.1	51.1	17.0	1.6	799
Wet Bulb	12066749	272507	82.8	9.008	6832		108.8	1.9			799
Dew Point	8886368	228188	35.8	11.392	6832		5.1	119.0			799

8277-5021
 USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JAN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

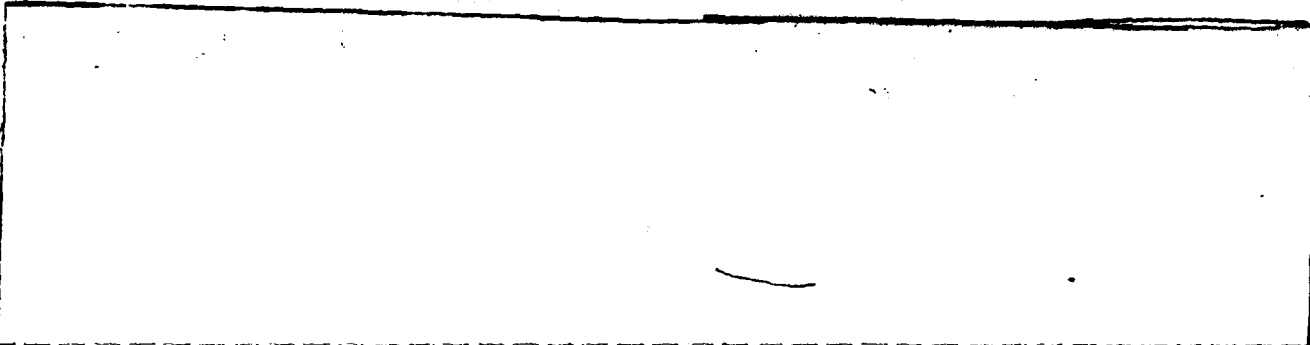
722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73, 75-81 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL 0.8/W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
7L/ 69			.2								.2							2	2	
6E/ 67			.3	.2	.3						.2	.2						7	7	
66/ 65			1.0	.8	.3	.2					.2		.2					16	16	1
64/ 63		2.0	1.0	.5				.2	.2									23	23	4
62/ 61		.7	.8	.5		.2			.2	.2								16	16	22 10
60/ 59		1.0	.8	1.2	.5	.3		.7	.2	.2								27	27	15 18
58/ 57	1.0	1.2	.8	1.7	.5	.3		.7										37	37	26 15
56/ 55	.5	2.2	.7	.2	.5	.3	.8	.8	.2									37	37	19 24
54/ 53	.8	2.3	.7	.2	1.2	1.2	.2	.7										43	43	29 26
52/ 51	.7	.7	2.0	.7	.8	.5	.8	.3										39	39	36 18
50/ 49		.5	2.3	1.7	1.0	.3	.7											39	39	18 18
48/ 47	.5	2.8	1.2	2.2	.5	.5	.3											51	51	32 28
46/ 45	.2	3.8	1.2	1.7	.3	.5												46	46	54 22
44/ 43	.3	2.6	2.2	1.7	.8	1.2	.2	.3										56	56	66 37
42/ 41	.2	1.2	2.2	1.5	.7	.3	.2											37	37	46 36
40/ 39	.3	1.0	3.5	2.8	1.2													53	56	49 27
38/ 37	.5	1.0	1.2	1.2	.5	.3												28	28	49 27
36/ 35		.3	.8	1.0		.2												14	14	37 39
34/ 33		.7	1.3	.5														15	15	39 33
32/ 31	.2	.3	1.0	.3														11	11	24 47
30/ 29		.3	.2	.5														6	6	22 27
28/ 27		.2																1	1	10 22
26/ 25																				3 26
24/ 23																				3 14
22/ 21																				26
20/ 19																				26
18/ 17																				15
16/ 15																				7
14/ 13																				1
12/ 11																				2
10/ 9																				4
8/ 5																				6
4/ 3																				2
2/ 1																				1
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

8477-94321



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

YEARS

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.1	24.7	25.2	20.7	9.1	6.3	3.3	4.0	.5	.7	.3	.2							604	607	604

Element (X)	Σ H°	Σ H	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 22 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3091473	61339	68.8	20.850	609		2.5	1.2				60
Wet Bulb	1475780	29439	48.5	8.946	607		8.6					60
Dew Point	1200920	26382	43.7	8.976	609		31.9					60
	938653	22525	37.3	2.789	609							

6477 94231
USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73, 75-81 FEB
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	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																		
66/ 67		.3	.2																													3	3					
66/ 65		.8	.7																													9	9	2				
64/ 63		2.0	.3	.3																												16	16	11	4			
62/ 61		1.7	.3	.2																												13	13	16	14			
60/ 59		2.8	.5							.3	.3					.2																25	25	14	14			
58/ 57	.7	2.1	.8	.3			.2			.5	.3																					30	30	21	17			
56/ 55	.5	1.3	.3	.2	.5	.2	.2	.3	.2																							22	22	25	30			
54/ 53	1.2	2.0	1.5	1.2	.7		.5	.2																								43	43	18	17			
52/ 51	.2	1.8	1.7	.3	.5	.7	.3	.2																									34	34	16	15		
50/ 49	.7	1.2	1.8	1.8	.5	1.5	.5																										48	48	26	18		
48/ 47	.5	3.6	2.5	.8	1.2	.5	.2																										56	56	35	20		
46/ 45	.3	2.6	1.2	1.3	1.2																												40	40	48	31		
44/ 43	.3	4.0	1.3	1.3	.2	.3																											45	45	59	24		
42/ 41	.7	2.3	2.5	1.5	.7	.3	.3																										50	50	47	46		
40/ 39	1.2	1.8	2.8	.5	.7	.3																											44	47	58	40		
38/ 37	.5	2.0	.5	3.5	.3	.2																											42	42	49	28		
36/ 35		1.2	2.0	1.3	.2																												28	28	31	31		
34/ 33		2.0	1.0	.7																													22	22	32	27		
32/ 31	.2	1.3	1.0	.8	.2																												21	21	41	39		
30/ 29		.3	.3	.2	.2																												6	6	26	18		
28/ 27	.2	.2		.7																													6	6	14	28		
26/ 25		.2		.2																													2	2	7	35		
24/ 23																																				5	9	
22/ 21			.2																														1	1	4	17		
20/ 19																																				1	28	
18/ 17																																					14	
16/ 15																																				6		
14/ 13																																				1		
10/ 9																																				2		
8/ 7																																				3		
6/ 5																																				5		
4/ 3																																				5		
TOTAL	6.9	37.5	23.3	17.0	6.8	4.1	2.0	1.5	.8		.2																							606	609	606	606	
Element (X)	ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX			
Rel. Hum.	3523974		44644		73.7		9.686		606		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total															
Dry Bulb	1357437		28215		46.3		9.090		609																													
Wet Bulb	115424		25828		42.6		8.502		606																													
Dew Point	951379		22701		37.5		2.920		606																													

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

9477-94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
68/ 67		.1	.2		.1													4	4		
66/ 65		.6	.1															6	6	2	
64/ 63	.1	1.7	.5															19	19	8	
62/ 61	.1	1.2	.6	.2														18	18	24	
60/ 59	.2	1.2						.1	.1									14	14	12	
58/ 57	1.1	2.5	.2				.1	.1	.1									34	34	26	
56/ 55	1.1	2.9	.4				.1	.2										38	38	35	
54/ 53	.4	2.6	.6		.4	.5	.1	.1										38	38	25	
52/ 51	.7	3.6	1.9	.9	.7	1.0	.4											74	74	35	
50/ 49	.1	1.0	1.2	.2	.6	.7	.4	.1										36	36	27	
48/ 47	.4	3.7	1.2	.9	.6	1.1	.1											65	65	34	
46/ 45	.7	4.2	2.2	1.2	.5	.5												76	76	68	
44/ 43	.6	3.1	2.0	1.7	.4	.5												67	67	63	
42/ 41	1.0	2.1	2.6	1.4	.2	.2												61	61	67	
40/ 39	1.1	2.4	3.0	.2	.4	.2												59	59	73	
38/ 37	.1	2.4	1.1	1.0	.7	.2												45	47	66	
36/ 35	.2	1.7	1.1	1.6	.2	.1												41	42	54	
34/ 33		1.4	2.6	1.5	.1													45	45	35	
32/ 31	.1	1.7	1.0	1.1	.2													34	34	35	
30/ 29		.9	.4	.1	.2													13	13	58	
28/ 27	.1		.2															3	3	25	
26/ 25		.5		.1														5	5	15	
24/ 23		.9		.1														8	8	9	
22/ 21			.1															1	1	5	
20/ 19		.1	.1															2	2	2	
18/ 17		.1																1	1	1	
16/ 15																				1	
14/ 13																					
12/ 11																				5	
10/ 9																				1	
8/ 7																				5	
6/ 5																				4	
2/ 1																				3	

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

9477-242-1

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722A15 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb	Dew Point	
78/ 77										.1		.1						2	2			
76/ 75													.2					2	2			
74/ 73				.1	.1	.1				.1								4	4			
72/ 71				.1								.2						3	3			
70/ 69			.2	.2	.1				.1	.1	.2		.1					10	10			
68/ 67		.1	.1	.5	.1	.1	.4	.1	.1	.1	.2							16	16	1		
66/ 65		.6	.7	.5	.4	.2	.1	.1	.1	.5	.1	.1						27	27	8	3	
64/ 63	.2	1.1	1.0	.6	.4	.4	.1	.1	.5	.4	.4							39	39	14	7	
62/ 61	.1	1.2	1.0	.2	.8	.5	.2	.8	.2	.4								46	46	23	21	
60/ 59	.2	2.4	.5	.6	.7	.7	.5	.2	.8	.1								55	55	28	18	
58/ 57	.8	2.4	1.0	.7	.6	.4	.6	1.3	.4	.4								71	71	44	36	
56/ 55	.5	1.9	.6	1.0	1.0	1.2	.5	.7	.6	.4								66	66	42	38	
54/ 53	.5	1.8	1.2	.6	1.2	.4	.8	1.0	.1									63	63	46	29	
52/ 51	.7	.8	1.2	1.2	2.3	1.0	.6	.6	.1									71	71	49	31	
50/ 49	.2	1.8	1.7	1.6	.8	.6	1.1	.4										68	69	53	24	
48/ 47	.5	1.9	.5	1.2	1.3	.5	.7											55	55	64	42	
46/ 45	.2	1.3	1.0	1.7	.7	1.1	.1	.1										52	52	77	39	
44/ 43	.1	2.3	1.8	.7	.2	.5												47	48	75	45	
42/ 41	.2	1.8	1.1	.8	.7	.5												43	43	75	43	
40/ 39	.2	.6	1.3	.6	.6													28	28	74	36	
38/ 37		.7	.8	1.1	.5													26	26	49	46	
36/ 35		.1	1.1															10	10	29	53	
34/ 33		.5	.4	.7														13	13	29	37	
32/ 31		.5	.8															7	7	26	47	
30/ 29		.1	.1															2	2	14	37	
28/ 27			.1	.1														2	2	5	33	
26/ 25			.1	.1														2	2	2	35	
24/ 23			.1															1	1	1	20	
22/ 21			.1															1	1	2	20	
20/ 19		.1																1	1	1	29	
18/ 17																				2	28	
16/ 15																					19	
14/ 13																					7	
12/ 11																					5	
Element (X)																Mean No. of Hours with Temperature						
Rel. Hum.																≤ 6 F	≤ 20 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 90 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 STATION LAUGHLIN AFB TX 70-73-81 YEARS FEB MONTH

PAGE 2 0800-1100 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1C/ 9																					2
TOTAL	4.7	24.4	18.0	15.0	12.6	7.8	5.9	5.5	2.5	1.8	1.2	.2	.4					835		833	
																	ALL		ALL		

Element (in)	1	2	3	4	No. Obs.	Mean No. of Hours with Temperature						Total
	≤ 0 F	≤ 10 F	≤ 20 F	≤ 30 F	≤ 40 F	≤ 50 F	≤ 60 F	≤ 70 F	≤ 80 F	≤ 90 F	≥ 90 F	
Dry Bulb	1066256	5000	66.023.281	833	0	0	1.6	1.7	0			83
Wet Bulb	2217876	8216	51.0 6.174	833								83
Dew Point	1821300	3221	45.0 8.822	833								83
Wet Bulb	1502700	2228	38.0 5.122	833								83

USAFETAC FORM 0-36-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS FEB MONTH

PAGE 1 1200-1800 HOURS (L. S. T.)

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

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

8477-103-1

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 222615 LAUGHLIN AFB TX STATION NAME: LAUGHLIN AFB TX YEARS: 70-73-81 MONTH: FEB

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						
18/ 17																									20	
16/ 15																										15
14/ 13																										12
12/ 11																										8
10/ 9																										4
8/ 7																										2
4/ 3																										4
TOTAL		9.1	10.8	9.7	10.2	12.5	11.9	8.9	7.5	8.8	7.0	8.5	3.1	2.7	1.3	.6						843		843	843	

Element (2)	1	2	3	4	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Num.	261108A	8238A	50-721-873	843	= 0 F	= 20 F	= 67 F	= 75 F	= 80 F	= 93 F	
Dry Bulb	111788A	10082	89-810-875	843			5	28.8	10.3	2.5	89
Wet Bulb	212208A	81718	89-810-289	843		1.8	.3				89
Dew Point	134368A	12063	89-810-185	843		28.9					89

USAFETAC FORM 8-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

8477-94381

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGH LN AFB TX 70,73-81 FEB
STATION STATION NAME YEARS MONTH

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 722615 LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					29
20/ 19																					42
18/ 17																					21
16/ 15																					9
14/ 13																					11
12/ 11																					8
10/ 9																					7
8/ 7																					1
6/ 5																					3
4/ 3																					1
TOTAL	.7	8.0	5.8	8.0	9.1	8.0	10.3	8.1	8.1	7.2	10.3	5.6	3.8	3.7	2.7	.7		839	839	839	
																		839		839	

Element (K)	ΣH^+	ΣK	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 6 F	= 22 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	2053066	16882	83.823.687		839							
Dry Bulb	3585261	83607	63.981.972		839		3	16.9	21.4	9.1		89
Wet Bulb	2229700	82726	50.918.019		839		9	1				89
Dew Point	1298511	71181	37.112.829		839		13.8					89

8477-54321

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX STATION

70-73-81 YEARS

FEB MONTH

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
18/ 17																						10	
16/ 15																							11
14/ 13																							10
12/ 11																							2
10/ 9																							6
8/ 7																							1
6/ 5																							4
TOTAL	2.3	9.9	11.1	12.4	11.1	10.7	8.3	8.5	7.7	5.3	5.7	2.8	2.1	1.5	.4	.1					752		749
																		749					749

Element (X)	S ₁	S ₂	S	S _n	No. Obs.	Mean No. of Hours with Temperature				Total	
Rel. Hum.	2402521	3665	51,323,931	749	≤ 6 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 90 F	≤ 93 F	
Dry Bulb	2705189	8308	59,010,937	749			3	20.8	9.6	2.2	89
Wet Bulb	1889632	3668	49,018,168	749			1.9				89
Dew Point	1192917	2831	37,812,736	749			32.6				89

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73.75-81 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	=31	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.3											3	3		
72/ 71					.1	.6	.1		.3	.1								9	9		
70/ 69				.3	.3	.4	.1	.3	.1		.4							14	14		
68/ 67				.6	.4	.4												10	10		
66/ 65			.1	.8	1.1	.3	.1	.6	.3	.3	.1							27	27		
64/ 63		.8	1.0	.8	1.0	.1	.1	.6	.4	.3								37	37	5	
62/ 61	.4	1.4	.6	.1	.3	.7	.6	.8	.1	.4								39	39	25	10
60/ 59	.4	.6	.6	1.4	.7	.4	.4	.6	.1									40	40	31	15
58/ 57	.1	2.6	.8	1.4		1.1	.7	.6	1.0									60	60	27	14
56/ 55	.3	2.2	1.9	.8	1.0	1.0	.6	.7	.3	.3								65	65	50	36
54/ 53		1.2	.7	.7	1.2	1.8	.7	1.4										56	56	33	35
52/ 51	.3	1.0	2.2	.3	1.5	.6	.6	.4	.3									51	51	48	30
50/ 49	.3	.6	3.2	1.1	1.7	.1	.8	.4	.1									60	60	40	29
48/ 47	.3	2.2	2.2	1.9	1.4	.7	1.0	.3										72	73	58	33
46/ 45	.3	1.9	1.7	1.2	.4	1.2	.4											52	52	80	44
44/ 43	.4	.7	1.2	.8	.7	.7												33	34	79	43
42/ 41		.8	.7	2.2	1.0													34	35	58	38
40/ 39	.3	1.1	.7	.6	.1		.1											21	21	51	40
38/ 37	.4		.3	.4	.3													10	10	46	33
36/ 35			1.2	.6														13	13	40	38
34/ 33		.3	.8	.1														9	9	21	43
32/ 31			.4	.4														6	6	13	52
30/ 29		.1																1	1	10	24
28/ 27		.4																3	3	4	19
26/ 25																				6	21
24/ 23																					30
22/ 21																					19
20/ 19																					33
18/ 17																					22
16/ 15																					8
14/ 13																					3
12/ 11																					3
10/ 9																					1
8/ 7																					2
Element (X)	Σ _h ²		Σ _h		Σ	Σ ₂	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

70, 73, 75-81 YEARS

FFB MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point															
6/ 5																																		4	
4/ 3																																		2	
2/ 1																																	1		
TOTAL	3.4	17.9	20.3	16.0	8.3	210.1	7.0	5.8	3.6	1.7	.8			.1																728	728	725			
																																725	725		

Element (X)	Σ X ²	Σ X	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	3180589	85273	62.8	22.096	725							
Dry Bulb	2050991	38101	52.3	8.898	728	1.2	8.2	.3			89	
Wet Bulb	1579107	33301	85.9	8.270	725	3.8					84	
Dew Point	1169630	27596	38.1	2.561	725	28.3					89	

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point					
90/ 89																		.0			1	1			
88/ 87																		.0			5	5			
86/ 85																		.0	.0	.0	16	16			
84/ 83																		.0	.1	.0	23	23			
82/ 81																		.1	.1	.1	53	53			
80/ 79																		.1	.2	.1	69	69			
78/ 77																		.2	.2	.2	70	70			
76/ 75																		.3	.2	.2	84	84			
74/ 73																		.2	.2	.1	93	93			
72/ 71																		.3	.2	.2	122	122			
70/ 69																		.5	.3	.1	158	158			
68/ 67																		.4	.3	.1	196	196	5		
66/ 65																		.4	.4	.1	253	253	50	9	
64/ 63																		.3	.3	.1	313	313	142	20	
62/ 61																		.4	.4	.0	290	290	232	101	
60/ 59																		.4	.4	.0	297	298	251	124	
58/ 57																		.5	.6	.7	369	370	298	165	
56/ 55																		.5	.5	.3	349	352	354	304	
54/ 53																		.8	.8	.0	359	359	358	218	
52/ 51																		.7	.8	.1	376	376	375	255	
50/ 49																		.7	.6	.3	369	371	369	211	
48/ 47																		.6	.6	.1	405	406	439	243	
46/ 45																		.6	.1	.0	359	359	544	295	
44/ 43																		.4	.0	.0	315	317	526	315	
42/ 41																		.5	.2	.0	258	259	425	340	
40/ 39																		.7	.4	.0	238	244	394	309	
38/ 37																		.9	.3	.1	176	178	370	277	
36/ 35																		.6	.1	.0	120	121	240	296	
34/ 33																		.4	.0	.0	112	112	191	301	
32/ 31																		.3	.1	.0	82	82	153	916	
30/ 29																		.1	.0	.0	30	30	146	290	
28/ 27																		.0	.1	.0	21	21	64	248	
26/ 25																		.0	.0	.0	9	9	39	252	
24/ 23																		.0	.0	.0	9	9	20	161	
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total						
Rel. Hum.									≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F											
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS FEB MONTH

PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point	Hours					
22/ 21			.0																			3	3	11	192	
20/ 19		.0	.0																			3	3	4	245	
18/ 17		.0																				1	1	5	159	
16/ 15																								1	85	
14/ 13																									54	
12/ 11																									30	
10/ 9																									29	
8/ 7																									14	
6/ 5																									26	
4/ 3																									14	
2/ 1																									8	
TOTAL	3.9	21.4	16.6	13.6	10.1	8.2	6.1	5.4	4.2	3.2	3.1	1.6	1.2	.9	.5	.1						6006	6023	6006		

Element (X)	ΣH^2	ΣH	Σ	$\Sigma \circ$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	25763026	363868	60.628.888	6006	= 6 F	= 22 F	= 67 F	= 73 F	= 80 F	= 93 F		
Dry Bulb	18282958	323952	53.811.939	6023		17.6	99.3	98.2	15.2			672
Wet Bulb	13440064	278592	46.89.282	6006		89.6	.8					672
Dew Point	9538263	226939	37.712.911	6006		298.7						672

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

70, 73, 75-81
YEARS

MAR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb
80/ 79												.1						1	1	
76/ 77												.3						2	2	
76/ 75				.1														1	1	
74/ 73				.3	.1			.4				.1						7	7	
72/ 71			.6	.6	.3	.6					.1	.3	.1					18	18	
70/ 69		.3	1.4	.4	.7	.8					.1	.1	.1					25	25	1
66/ 67		1.8	1.1	1.0	1.3	.4			.1	.4	.3	.4						49	49	12 3
66/ 65	.3	.8	.7	.7	1.1	.3		.3		.4	.1	.3						36	36	31 18
64/ 63	.3	2.0	.8	1.3	1.0	1.1		.1	.8	.3	.3							57	57	24 25
62/ 61	.1	2.1	1.7	.7	1.5	1.1	.4	.7	.4	.6	.6							67	67	40 21
60/ 59	.1	.8	1.5	.6	.7	1.7	.7	1.1	.8	.3								60	60	38 26
56/ 57		1.5	1.5	2.1	1.4	1.8	.8	.6	.1									71	71	45 26
56/ 55	.3	1.3	1.4	.8	1.4	1.1	1.0	.4										55	55	35 41
54/ 53		.7	.9	1.1	1.4	.6	1.4	.3										42	42	47 38
52/ 51	.3	1.3	1.1	1.0	1.8	2.0	1.1											61	61	47 33
50/ 49		2.0	.8	1.1	1.4	2.0	.4											55	55	57 23
48/ 47		.3	1.3	1.3	1.0	.8												33	33	74 47
46/ 45		.3	.1	1.0	1.0		.1											18	18	61 28
44/ 43		.4	.4	.7	.7	.1												17	17	52 28
42/ 41		.4	.3	1.0	.3	.3												16	16	57 30
40/ 39		.1	.4	.4	.3		.4											12	12	38 39
36/ 37		.1		.3														3	3	19 33
36/ 35			.1	.3														3	3	13 34
34/ 33			.1		.1													2	2	8 30
32/ 31					.3													2	2	6 33
30/ 29																				2 38
28/ 27																				3 26
26/ 25																				1 32
24/ 23																				2 13
22/ 21																				
20/ 19																				10
18/ 17																				7
16/ 15																				7
14/ 13																				5
Element (X)	ΣX ¹	ΣX	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

9417-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 722615 LAUGHLIN AFB TX STATION NAME 70, 73, 75-81 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	31	Dry Bulb	Wet Bulb
74/ 73											.1						1	1		
72/ 71													.1				3	3		
70/ 69		1.0	.8	.4	.1		.3			.1							20	20		
68/ 67		2.3	.7	.6	.3		.1		.3		.1	.6					36	36	11	3
66/ 65	.4	2.1	.4	.1	.4	.1		.1	.6	.1	.1						33	33	36	29
64/ 63		2.6	1.0	.6	.4		.1	.6	.1		.1						40	40	18	17
62/ 61	.6	2.9	1.2	1.7	.7	.1	.1	.1	.4	.4	.3						62	62	31	24
60/ 59	.1	3.9	.8	.6	.6	1.0		.6	.6	.4							61	61	39	31
58/ 57	.4	1.5	2.6	1.1	.7	.8	.3	.6	.3	.1							61	61	46	42
56/ 55	.3	1.7	1.0	1.5	1.5	.6	.8	.4									56	56	34	26
54/ 53		2.3	1.0	1.9	1.2	.3	1.0	.3	.1								59	59	43	29
52/ 51	.4	1.8	1.2	.7	1.2	1.5	.4										53	53	42	39
50/ 49	.1	2.2	.4	1.5	1.4	1.4	.3										53	53	63	33
48/ 47	.3	.7	1.0	2.1	2.2	.6											49	49	57	37
46/ 45		1.1	1.5	1.1	1.0												34	34	37	32
44/ 43		.7	.6	1.2	.6	.1											23	23	67	30
42/ 41		.8	1.4	1.2	.1	.1											27	27	60	23
40/ 39	.3	.6	.7	.4	.1	.1											16	16	49	40
38/ 37		.7	.7	.4	.3	.1	.3										18	18	39	32
36/ 35		.6	.1	.3	.1												8	8	17	40
34/ 33			.6	.3													6	6	9	34
32/ 31			.1	.1													2	2	7	37
30/ 29					.3												2	2	11	30
28/ 27				.1													1	1	2	38
26/ 25																			3	17
24/ 23																				13
22/ 21																			3	15
20/ 19																				6
18/ 17																				6
16/ 15																				5
14/ 13																				5
12/ 11																				3
10/ 9																				2
8/ 7																				3
Element (K)	Σ ₁		Σ ₂		Σ	σ _a	No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.									≤ 6 F	≤ 22 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 LAUGHLIN AFB TX 20.73.75-81 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Point					
1/-1																										1
-1/-3																										1
-6/-7																										1
TOTAL	2.929	0.18	0.18	1.13	3.7	4.9	3.7	2.6	2.3	1.2	.8	.7												724	724	

Element (SI)	S ₁	S ₂	S ₃	S ₄	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 20 F	≤ 40 F	≤ 70 F	≤ 80 F	≤ 90 F	
Rel. Hum.	1732006	89598	88.521	820	724							
Dry Bulb	2192359	19329	84.3	8.796	724		.6	7.7	.1			93
Wet Bulb	1798976	15938	88.9	8.399	724		3.3	1.8				93
Dew Point	1856987	10917	82.733	732	724	.8	23.5	.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73-81 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																				
70/ 69		.6	1.0	.2						.1																					17	17								
68/ 67	.1	2.4	.9	.2																	.3										36	36	11	6						
66/ 65	.4	3.7	.3	.2		.2			.1	.3																				48	48	51	20							
64/ 63	.1	3.7	.8	.1		.1	.1	.1	.7	.1																				53	53	35	49							
62/ 61	.8	3.1	1.2	.7	.6	.2	.1	.3																						63	63	44	46							
60/ 59	.6	2.3	1.3	.6	.4	.3	.4	.3	.2																					59	59	39	36							
58/ 57	.4	3.3	2.1	1.0	.9	.7	.6	.9	.4																					93	93	45	39							
56/ 55	.2	2.6	1.3	.7	.4	.6	.4	.4	.2																					62	62	50	33							
54/ 53	.1	1.3	1.3	1.7	.7	.7	.8	.3	.1																					63	63	52	39							
52/ 51	.4	2.1	2.6	1.4	1.1	.4	.2																							75	75	47	48							
50/ 49	.3	1.8	2.4	1.7	1.8	1.0	.3																							84	84	64	37							
48/ 47		1.4	1.1	1.8	1.1	.3		.1																						53	53	72	36							
46/ 45		1.1	1.9	1.6	.7	.1	.1																							49	49	72	40							
44/ 43		.6	1.2	1.2	.2	.1	.1																							31	31	70	53							
42/ 41		.7	1.9	1.3	.2																									37	37	67	28							
40/ 39		1.0	1.0	.4																										22	22	57	46							
38/ 37		1.0	.7	.4		.2																								21	21	50	56							
36/ 35	.1	.2	.7	.4	.1																									14	14	25	40							
34/ 33		.4	.6	.1																										10	10	18	54							
32/ 31			.1	.2	.1																									4	4	11	53							
30/ 29		.1	.1																											2	2	7	31							
28/ 27			.1	.2																										3	3	5	38							
26/ 25				.1																										1	1	4	15							
24/ 23																																1	1	13						
22/ 21																																2	2	11						
20/ 19																																1	1	7						
18/ 17																																		5						
16/ 15																																		3						
12/ 11																																		11						
10/ 9																																		2						
4/ 3																																		1						
2/ 1																																		4						
TOTAL	3.7	33.4	24.7	16.2	8.6	5.0	3.2	3.2	1.4	.2																							900	900	900					
Element (H)	Mean No. of Hours with Temperature																																							
Dry Bulb	2403010																															900	0 F	32 F	67 F	72 F	80 F	92 F	Total	
Wet Bulb	2203331																															900		1.0	1.5					93
Dew Point	1803855																															900		3.2	1.1					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70-73-81 MAR MONTHS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point			
86/ 85															.1		1	1						
84/ 83								.1							.1		2	2						
82/ 81						.1				.1						3	3							
80/ 79						.2			.1					.2	.1	5	5							
78/ 77					.1	.1	.2		.1			.1	.2			8	8							
76/ 75				.3	.3	.3	.1		.3	.1	.1	.1	.2			15	15							
74/ 73			.1	.3	.3	.4	.1	.1	.2	.1	.2	.1	.1			20	20							
72/ 71		.1	1.1	1.0	.5	.2	.4	.1	.6	.3	.4	.2	.1			48	48	2						
70/ 69		.8	2.5	.5	.8	.3	.1	.3	.8	.5	.3	.3	.1			68	68	14						
68/ 67		1.0	2.7	1.0	1.0	.5	.5	.6	1.1	.8	.1	.5				88	88	33						
66/ 65		1.9	1.6	1.3	.6	.8	1.0	1.2	.9	.6	.2	.2				96	96	50						
64/ 63		1.9	1.3	1.3	1.0	.5	.9	.8	.8	.6	.4					85	85	41						
62/ 61	.1	1.3	1.3	.6	1.0	1.4	1.0	.8	.8	.3	.1					80	80	51						
60/ 59	.1	1.2	1.9	.9	1.0	.8	.8	1.3	1.0							82	82	49						
58/ 57		1.5	1.2	.5	.9	1.4	1.3	.2	.3	.2						70	70	60						
56/ 55	.2	.6	.5	1.8	1.0	1.2	.6	.3	.2							57	57	79						
54/ 53	.3	.8	.9	1.8	.8	.2	.9	.1	.1							54	54	78						
52/ 51		.9	1.3	.9	.9	.8	.8									43	43	74						
50/ 49		.9	.5	.5	.5	.4	.1	.1								29	29	85						
48/ 47		.9	.8	.6	.3	.1	.1									25	25	89						
46/ 45			.4	.5	.5	.1										15	15	71						
44/ 43			.2	.1	.9	.2										9	9	41						
42/ 41			.2	.3	.2											7	7	32						
40/ 39		.1		.2	.2	.1										6	6	20						
38/ 37		.1			.2											3	3	11						
36/ 35					.2											2	2	11						
34/ 33				.1												1	1	3						
32/ 31					.3											3	3	3						
30/ 29																		1						
28/ 27																		4						
26/ 25																		1						
24/ 23																		2						
22/ 21																		14						
20/ 19																		7						
Element (H)	Σ H ¹		Σ H ²		Σ H ³	Σ H ⁴	No. Obs.										Mean No. of Hours with Temperature							
Rel. Hum.																	≤ 6 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

9477-343-1

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73-01 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL																																																																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	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																				8																																																															
16/ 15																				10																																																															
14/ 13																				3																																																															
12/ 11																				6																																																															
10/ 9																				4																																																															
2/ 1																				3																																																															
TOTAL	.8	13.9	18.3	13.9	12.9	10.7	8.5	5.7	6.9	3.6	2.1	1.6	.5	.2	.3		925	925	925																																																																
<table border="1"> <thead> <tr> <th>Element (H)</th> <th>24</th> <th>24</th> <th>1</th> <th>1</th> <th>No. Obs.</th> <th colspan="5">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th>Ref. Num.</th> <th>1791800</th> <th>55100</th> <th>59.8</th> <th>2.978</th> <th>925</th> <th>+6 F</th> <th>+22 F</th> <th>+67 F</th> <th>+73 F</th> <th>+80 F</th> <th>+93 F</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Dry Bulb</td> <td>1522677</td> <td>56557</td> <td>61.1</td> <td>8.195</td> <td>925</td> <td></td> <td>3</td> <td>25.9</td> <td>5.9</td> <td>1.0</td> <td></td> <td>93</td> </tr> <tr> <td>Wet Bulb</td> <td>2676866</td> <td>89128</td> <td>53.1</td> <td>8.536</td> <td>925</td> <td></td> <td>1.1</td> <td>8.9</td> <td></td> <td></td> <td></td> <td>93</td> </tr> <tr> <td>Dew Point</td> <td>2036872</td> <td>81892</td> <td>48.9</td> <td>8.778</td> <td>925</td> <td></td> <td>17.9</td> <td>1.7</td> <td></td> <td></td> <td></td> <td>93</td> </tr> </tbody> </table>																				Element (H)	24	24	1	1	No. Obs.	Mean No. of Hours with Temperature					Total	Ref. Num.	1791800	55100	59.8	2.978	925	+6 F	+22 F	+67 F	+73 F	+80 F	+93 F	Total	Dry Bulb	1522677	56557	61.1	8.195	925		3	25.9	5.9	1.0		93	Wet Bulb	2676866	89128	53.1	8.536	925		1.1	8.9				93	Dew Point	2036872	81892	48.9	8.778	925		17.9	1.7				93
Element (H)	24	24	1	1	No. Obs.	Mean No. of Hours with Temperature					Total																																																																								
Ref. Num.	1791800	55100	59.8	2.978	925	+6 F	+22 F	+67 F	+73 F	+80 F	+93 F	Total																																																																							
Dry Bulb	1522677	56557	61.1	8.195	925		3	25.9	5.9	1.0		93																																																																							
Wet Bulb	2676866	89128	53.1	8.536	925		1.1	8.9				93																																																																							
Dew Point	2036872	81892	48.9	8.778	925		17.9	1.7				93																																																																							

USAFETAC FORM 8-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0677 94321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS MAR MONTH

PAGE 1 1200-1800 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93																	.2	2	2			
92/ 91																	.3	5	5			
90/ 89													.1	.2		.3		6	6			
88/ 87												.1	.1	.2	.1	.2		8	8			
86/ 85									.2	.1			.1	.2	.4	.3		13	13			
84/ 83								.2	.2	.2	.1			.1				8	8			
82/ 81				.1			.2	.5	.6	.3	.1	.2	.5	.2	.3			30	30			
80/ 79				.1		.2	.9	.3	.1	.5	.6	.5	.4	.4				39	39			
78/ 77				.1	.5	.6	1.1	.9	.8	.3	1.3	.4	.4	.3				63	63			
76/ 75			.1	.2	1.2	1.4	1.1	.5	1.0	.5	1.0	.8	1.3	.4				88	88	1		
74/ 73				1.1	.8	1.3	.8	.3	.8	.9	1.1	1.2	.4					79	79	2	1	
72/ 71		.1	1.1	1.3	.5	.8	.8	1.2	.8	.8	1.0	1.3	.8					95	95	3	2	
70/ 69			1.5	.5	1.5	.8	1.2	.8	.9	1.3	1.6	.9	.1					102	102	21	2	
68/ 67		.3	.4	.4	.8	.8	1.2	.5	1.5	1.0	.5	.3						72	72	63	5	
66/ 65		.6	.4	.3	.8	.5	1.0	1.2	.5	.6	.6	.1						63	63	74	32	
64/ 63		.6	.2	.6	.3	1.0	.6	.8	.8	.2	.2							47	47	56	39	
62/ 61		.4	.3	.3	.4	.8	1.0	1.1	.6	.3	.2							51	51	64	48	
60/ 59		.4	.4	.2	.8	.2	.5	.5	.1	.2								32	32	71	41	
58/ 57	.2	.2	.1	.2	.5	.3	1.2	.4	.1									31	31	89	45	
56/ 55		.1	.5	.3	.2	.2	.5											18	18	70	36	
54/ 53		.4	.1	.3	.3	.3	.3	.1										18	18	79	40	
52/ 51		.4	1.0	.3	.1	.1	.1											19	19	97	36	
50/ 49		.9	.2	.1	.1	.3	.2											17	17	78	30	
48/ 47				.1	.1	.4	.2											8	8	70	45	
46/ 45			.1		.3		.1											5	5	32	56	
44/ 43		.1	.2				.1	.1										5	5	18	49	
42/ 41							.1											2	2	16	35	
40/ 39			.1				.1	.2										3	3	10	32	
38/ 37							.1											1	1	6	46	
36/ 35																				2	53	
34/ 33																				2	42	
32/ 31																				2	39	
30/ 29																				3	30	
28/ 27																				1	30	
Element (X)	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-24-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477-10431

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 MAR 1950-1950

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.3	3	3		
94/ 93																	.4	4	4		
92/ 91																.1	.2	.5	8	8	
90/ 89																.3	.6	10	10		
88/ 87											.9	.2			.3	.4	.4	.2	23	23	
86/ 85									.4	1.1	.1	.1	.2		.1	.9	.1	.9	28	28	
84/ 83				.1				.2	.4	.6	.4	.4	.4	1.3	.8			.4	44	44	
82/ 81				.1			.6	1.2	.3	1.2	1.4	.5	.6	.4	.2			.2	62	62	
80/ 79			.1	.1	.2	.6	.5	1.4	1.1	1.0	.3	1.5	1.3	1.0	.1				86	86	
78/ 77				.5	.6	1.3	.8	.8	1.2	.8	1.2	1.7	1.2						93	93	
76/ 75			.2	.8	.5	.6	1.1	.6	.8	.4	1.3	1.9	1.3						89	89	
74/ 73			1.2	.8	.4	.3	.8	.4	.9	.8	1.1	.9							69	69	
72/ 71			.3	.6	.4	.6	1.1	.6	.9	.8	1.4	1.0							72	72	
70/ 69		.1	.2	.1	.3	1.1	.6	.6	1.0	2.3	.8	1.1	.1						77	77	
68/ 67		.2	.3	.4	.8	.2	1.0	.3	1.1	.5	.9	.5							55	55	
66/ 65		.2	.3	.2	.7	.9	1.1	.8	.6	.4	.2								45	45	
64/ 63		.1	.3	.1	.3	.5	.5	.3	.5	.3	.1								30	30	
62/ 61		.6	.1	.3	.3	.5	.8	.3											28	28	
60/ 59		.2		.1	.2	.1	.8	.3	.8										23	23	
58/ 57		.2			.1	.2	.2												7	7	
56/ 55		.1		.2	.1		.4	.3											11	11	
54/ 53		.3	.6	.8	.4		.2	.1											23	23	
52/ 51		.3	.1	.4	.3		.3												14	14	
50/ 49		.3			.2	.1	.1		.2										9	9	
48/ 47			.3			.2	.1	.1											7	7	
46/ 45							.1	.1	.2										2	2	
44/ 43																					
42/ 41		.1	.2				.1												4	4	
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
Element (X)	Σ X²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Ref. Num.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

9477 5421

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION 70,73-81 LAUGHLIN AFB TX STATION NAME YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		+31	Dry Bulb	Wet Bulb	Dew Point
24/ 27																					37
26/ 25																					44
24/ 23																					18
22/ 21																					33
20/ 19																					16
18/ 17																					8
16/ 15																					4
12/ 11																					3
10/ 9																					2
8/ 7																					1
2/ 1																					3
TOTAL		2.9	2.7	4.8	5.7	5.7	10.4	10.5	9.6	11.2	8.6	9.3	7.2	5.6	2.8	.8	2.2		926	926	926
																			926	926	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	1730225	35263	38.120	4.64	926	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb	4994172	67430	72.8	9.530	926			72.6	52.1	22.7	.7	93									
Wet Bulb	3048499	52681	56.9	7.856	926		.1	10.9	.4			93									
Dew Point	1820912	39072	42.2	3.688	926		25.1	1.2	.2			93									

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

9477-34321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS MAR 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															
94/ 93																	.1	1	1																	
92/ 89																	.1	2	2																	
88/ 87											.2						.1	3	3																	
86/ 85										.2		.1				.2	.4	8	8																	
84/ 83								.4		.5		.2	.5	.2				15	15																	
82/ 81							.2	.2	.6	.5	.2	.2	.1	.1				19	19																	
80/ 79					.1	.4	.5	.2	.2	1.1	.4	.5	.5	.6	.2			39	39																	
78/ 77					.2	.8	.9	.9	.5	.5	.7	1.1	.8					57	57																	
76/ 75			.1	.1	.4	1.1	.2	1.1	.7	.4	.7	.7	.9	.4				57	57																	
74/ 73			.7	.6	.8	1.1	.5	.7	.1	.8	1.1	.7	.1					61	61	1																
72/ 71		.7	.8	.6	.7	1.4	.5	1.1	1.4	1.2	1.8	.2						88	88	1	1															
70/ 69	.4	.2	.9	.6	.6	.9	.2	1.1	1.1	1.4	.7	.1						70	70	11																
68/ 67	.2	.5	.4	.8	.7	.8	1.1	1.1	1.4	1.1	.6							73	73	33	4															
66/ 65	.5	.2	.4	.5	.9	1.7	1.2	1.5	1.2	1.2	.2							80	80	39	15															
64/ 63	.5	.5	.5	.5	.7	.9	.5	1.1	.7									49	49	61	20															
62/ 61	.4	.4	.4	.7	.7	.9	1.3	.8	.5	.1								52	52	57	25															
60/ 59	.8	.4	.4	.7	.8	.7	.6	.6	.1									43	43	59	29															
58/ 57	.2	.4	.4	.7	.8	.7	.6	.1										33	33	52	32															
56/ 55	.8	.4	.6	.2	.5	.8	.5	.1										33	33	75	37															
54/ 53	.5	.4	.4	.5	.2	.2	.1	.1										17	17	95	39															
52/ 51	.4	.1	.6			.1												10	10	99	43															
50/ 49	.2	.1	.4		.1	.1	.1											9	9	88	50															
48/ 47		.1			.2	.1		.1										5	5	62	35															
46/ 45		.1		.1	.2	.1			.1									5	5	47	28															
44/ 43		.4		.1	.1	.2												7	7	26	32															
42/ 41		.5		.1	.2													7	7	9	44															
40/ 39																				12	35															
38/ 37																				6	36															
36/ 35																				3	43															
34/ 33																				3	41															
32/ 31																				2	50															
30/ 29																				2	39															
28/ 27																					34															
26/ 25																					44															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

0477 04121

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70,73-81 YEARS MAR MONTH

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL			TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
24/23																						14	
22/21																							19
20/19																							23
18/17																							13
16/15																							9
14/13																							2
12/11																							1
10/7																							1
8/5																							2
6/-1																							2
-4/-5																							1
TOTAL	.2	4.0	5.6	6.4	7.2	9.8	12.7	9.8	11.4	9.1	8.5	6.8	4.2	2.6	.8	.5	.2		843		843	843	

Element (X)	Σ x²	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	1926128	36046	42.8	21.379	843	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3947380	57190	67.8	8.957	843			54.4	28.9	7.6	.1	93
Wet Bulb	2542567	45869	54.9	7.452	843			.4	5.1	.1		93
Dew Point	1581526	34696	41.2	3.503	843	.3	28.0	.6				93

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

3417 5-3-31

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX STATION NAME

70, 73, 75-81 YEARS

MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point				
80/ 79						.1			.1					.1	.1			4	4						
78/ 77					.1		.2	.1	.1	.2	.1							8	8						
76/ 75				.2		.4	.2	.4	.1				.1					12	12						
74/ 73				.2	.1	.6	.7	.1	.1		.1	.1	.2					20	20						
72/ 71			.6	1.4	.5	.4	.7	.2	.4	.4	.2	.2						42	42						
70/ 69		.2	1.1	.5	.2	1.2	.5	.1	.2		.8	.1	.4					45	45	4					
68/ 67	.1	.4	1.3	1.0	1.2	1.3	.5	.5	.4	.4	.5	.4						65	65	19	3				
66/ 65		.7	1.0	1.0	2.2	.6	.6	.5	.8	1.3	.1							73	73	25	16				
64/ 63		.7	.5	1.0	.7	1.3	1.2	1.3	1.6	1.1	.4							81	81	36	17				
62/ 61	.1	1.1	.5	1.3	1.1	1.7	1.4	.7	1.2	1.0								84	84	43	26				
60/ 59		1.1	.7	1.7	1.1	1.9	1.1	2.3	.5	.4								89	89	63	28				
58/ 57	.1	.8	1.1	1.6	.7	1.3	1.7	.6	.2									68	68	51	35				
56/ 55		.7	.7	1.4	1.0	1.7	1.0	.7	.1									61	61	41	31				
54/ 53		.1	.7	1.1	1.1	1.6	2.0	.4	.1									59	59	76	47				
52/ 51		.7	.6	.8	.2	1.1	.7											35	35	59	49				
50/ 49	.2	.6	.8	1.2	.6	.6	.1	.2										37	37	96	34				
48/ 47		.2	.4	.4	.2	.1	.4											14	14	83	46				
46/ 45		.1	.2	.2	.1	.1												7	7	94	36				
44/ 43		.2	.4			.4												8	8	52	41				
42/ 41		.1	.5	1.1	.2			.4										19	19	42	45				
40/ 39			.1		.2		.1											4	4	20	47				
38/ 37						.1												1	1	6	34				
36/ 35																				13	40				
34/ 33					.1													1	1	7	35				
32/ 31																				1	41				
30/ 29																				2	45				
28/ 27																				3	35				
26/ 25																				1	35				
24/ 23																					14				
22/ 21																					10				
20/ 19																					18				
18/ 17																					7				
16/ 15																					11				
14/ 13																					2				
Element (X)	Σ X²		Σ X		Σ	Σ	Σ	Σ	No. Obs.								Mean No. of Hours with Temperature								
Rel. Hum.																		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

9477 34321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX 70, 73, 75-81 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
12/ 11																					1
10/ 9																					1
8/ 7																					1
6/ 5																					1
4/ 3																					2
-6/ -7																					3
TOTAL	.6	7.9	11.1	16.0	11.7	16.2	13.3	8.5	5.9	4.8	2.3	1.0	.7	.1					837	837	837
Element (X)	Σ h'	Σ H	Σ I	Σ P _a	No. Obs.				Mean No. of Hours with Temperature					Total							
Rel. Hum.	2813409	85239	59.020	989	837	≤ 8 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93									
Dry Bulb	3121192	50680	60.5	7.928	837			21.8	4.9	.1		93									
Wet Bulb	2270266	43080	51.5	7.959	837			.8	2.6			93									
Dew Point	1605853	34955	61.8	3.218	837	.3	25.2	.3				93									

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

9477-5431

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
96/ 95																	.0	3	3	
94/ 93																	.1	7	7	
92/ 91																.0	.1	13	13	
90/ 89												.0	.0	.0	.0	.1	.1	18	18	
88/ 87											.0	.1	.1	.0	.1	.1	.0	34	34	
86/ 85										.1	.2	.0	.0	.1	.0	.2	.1	50	50	
84/ 83				.0				.1	.1	.1	.1	.1	.1	.3	.1			69	69	
82/ 81				.0		.0	.1	.3	.2	.3	.3	.1	.2	.1	.1			114	114	
80/ 79			.0	.0	.0	.2	.3	.3	.2	.4	.2	.4	.3	.3	.0			174	174	
78/ 77			.0	.0	.2	.5	.4	.4	.3	.4	.4	.5	.3					231	231	1
76/ 75			.0	.2	.4	.5	.3	.4	.3	.3	.4	.6	.3					262	262	3
74/ 73			.0	.5	.4	.5	.2	.3	.3	.3	.4	.5	.3	.0				257	257	4
72/ 71		.0	.6	.8	.4	.4	.6	.4	.5	.5	.6	.6	.2					366	366	13
70/ 69		.4	1.1	.5	.5	.6	.5	.3	.5	.7	.7	.4	.1					424	424	4
68/ 67	.0	1.0	1.0	.6	.8	.5	.5	.4	.7	.5	.4	.5						474	474	248
66/ 65	.1	1.3	.6	.5	.7	.5	.7	.7	.7	.6	.4	.1						474	474	368
64/ 63	.0	1.5	.7	.7	.5	.7	.6	.6	.7	.4	.2							442	442	349
62/ 61	.2	1.4	.8	.7	.8	.8	.7	.7	.6	.4	.1							487	487	411
60/ 59	.1	1.3	.9	.6	.7	.8	.6	.9	.6	.2								449	449	435
58/ 57	.1	1.1	1.1	.8	.7	.9	.9	.5	.3	.1								434	434	480
56/ 55	.1	1.0	.6	.9	.7	.7	.6	.5	.1									353	353	466
54/ 53	.1	.7	1.1	.8	.5	.8	.2	.1										335	335	551
52/ 51	.1	1.0	1.0	.7	.7	.7	.4	.0										310	310	569
50/ 49	.1	1.0	.7	.7	.7	.7	.2	.0	.0									293	293	597
48/ 47	.0	.4	.5	.7	.6	.4	.1	.0	.0									194	194	555
46/ 45		.3	.5	.5	.4	.1	.1	.0										135	135	437
44/ 43		.2	.4	.4	.2	.1	.0	.0										100	100	347
42/ 41		.3	.6	.6	.1	.1	.0	.0										119	119	289
40/ 39	.0	.2	.3	.2	.1	.0	.1											63	63	212
38/ 37		.2	.2	.1	.0	.1	.0											47	47	141
36/ 35	.0	.1	.1	.1	.1													27	27	85
34/ 33		.1	.1	.0	.0													20	20	54
32/ 31			.0	.0	.1													11	11	32
30/ 29		.0	.0	.1	.0													4	4	29
Element (X)	Σ X'		Σ X		Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total				
Rel. Hum.									≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

9477-54221

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEARS MAR MONTH

PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 27			.0	.0														4	4	18	270
26/ 25			.0	.0														1	1	10	249
24/ 23																				5	118
22/ 21																				5	131
20/ 19																				1	101
18/ 17																					64
16/ 15																					54
14/ 13																					23
12/ 11																					26
10/ 9																					15
8/ 7																					4
6/ 5																					3
4/ 3																					5
2/ 1																					17
0/ -1																					3
-2/ -3																					1
-4/ -5																					1
-6/ -7																					7
TOTAL	1.2	13.7	12.6	12.1	10.6	9.8	9.1	6.9	6.3	5.1	4.1	3.5	2.3	1.4	.6	.3	.4	6798	6798	6798	6798
Element (X)	Σ _n ²		Σ _n		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	24480540		372834		54.428.358		6798		+0 F		+32 F		+67 F		+73 F		+88 F		+93 F		Total
Dry Bulb	27285723		628061		62.911.085		6798				2.2		273.2		130.8		43.6		1.1		744
Wet Bulb	19387996		357980		52.78.888		6798				10.9		38.8		.9						744
Dew Point	13786213		291287		62.813.662		6798				1.3		188.1		6.8		.3				744

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

9477 94381

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73, 75-01 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
86/ 79						.1	.3	.1	.1	.3	.1						9	9			
78/ 77					.1	.1	.1	.1									6	6			
76/ 75			.9	.6	.6	.3	.4							.1			20	20			
74/ 73		.1	1.8	1.3		.4	.1		.3		.1						29	29			
72/ 71		.4	3.7	.9	1.0	.3	.3	.1	.1	.6		.3					53	53	9		
70/ 69		2.0	5.1	1.3	.4		.6	.3	.4	.3	.4						75	75	35 15		
68/ 67		4.4	3.8	2.2	1.6	.7	.3	.1	.7	.1		.1					97	97	55 39		
66/ 65	.1	4.0	1.2	1.6	1.5	.6	.4	.4	.7	.6	.1	.1					75	75	90 63		
64/ 63	.4	4.0	1.3	1.2	.9	1.2	.4	.4	1.0	.1							75	75	66 70		
62/ 61		3.8	1.5	1.9	1.5	.1	1.2	1.0	.1	.6							80	80	55 51		
60/ 59		1.9	1.5	.7	.4	.4	.7	.3	.4								44	44	64 47		
58/ 57	.1	1.3	.7	.6	.9	.6	.1	.3	.3	.1							35	35	48 54		
56/ 55	.3	.4	.6	.1	.1	.6	.3	.1	.4								21	21	53 42		
54/ 53	.3	.4	.4	.6	.4			.4									18	18	36 29		
52/ 51	.1	.4	1.3		.6	.4	.3										22	22	35 37		
50/ 49		.3	.3	.1	.6	.3	.3										13	13	35 26		
48/ 47				.3	.1	.1	.1										5	5	38 24		
46/ 45				.1	.1	.1	.1										4	4	18 22		
44/ 43				.1	.1												2	2	17 16		
42/ 41																			12 14		
40/ 39																			11 9		
38/ 37																			3 12		
36/ 35																			2 23		
34/ 33																			1 17		
32/ 31																			18		
30/ 29																			8		
28/ 27																			9		
26/ 25																			10		
24/ 23																			7		
22/ 21																			3		
20/ 19																			5		
18/ 17																			4		
16/ 15																			5		
14/ 13																			4		
Bl. over (H)	S _g		S _g		S _g		S _g		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.															≥ 80 F	≥ 82 F	≥ 87 F	≥ 93 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 8-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

70, 73, 75-81 YEARS

APR 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		
80/ 79							.1										1	1					
78/ 77									.1								1	1					
76/ 75			.6	.4		.1							.1				9	9					
74/ 73		.1	1.3		.3				.1								13	13	1				
72/ 71		1.1	2.2	.3	.3	.1		.3									30	30	9	1			
70/ 69		3.9	3.3	.3	.1	.1	.1			.1	.3						58	58	27	17			
68/ 67	.4	7.2	3.0	.9	.1	.4	.1	.3	.1	.3							90	90	69	43			
66/ 65	.9	4.6	1.7	1.0	1.0	.3	.1	.6	.8		.3						76	76	78	81			
64/ 63	1.0	5.7	1.7	.7	1.6	.1	.1	.4	.3								82	82	46	60			
62/ 61	.4	4.6	1.0	1.0	.6	.4	.1	.6	.3								63	63	62	41			
60/ 59	.3	3.6	1.4	.9	.1	.6	1.1	.4	.3	.1							62	62	65	58			
58/ 57	.6	3.3	1.6	.6	.6	.1	.6	.4	.3								56	56	58	56			
56/ 55	.1	1.4	.9	1.0	1.0	.1	.3	.3									36	36	44	36			
54/ 53	.7	.7	1.4	.3	.4	.6	.8		.3								34	34	40	38			
52/ 51		1.3	1.7	.3	1.1	.1	.1	.1		.1							34	34	25	30			
50/ 49		.6	.4	.7	.4	.3	.3										19	19	46	31			
48/ 47		.3		.6	.3												8	8	35	20			
46/ 45				.3	.7	.1											8	8	20	24			
44/ 43		.1		.1	.6	.1											7	7	25	17			
42/ 41			.1	.1		.3											4	4	13	16			
40/ 39				.1	.1												2	2	14	9			
38/ 37			.3		.1												3	3	8	11			
36/ 35																			4	26			
34/ 33																			5	15			
32/ 31																			1	12			
30/ 29																			1	8			
28/ 27																				12			
26/ 25																				9			
24/ 23																				7			
22/ 21																				8			
20/ 19																				2			
18/ 17																				4			
16/ 15																				2			
14/ 13																				2			
Element (H)	ΣH^1	ΣH^2	ΣH^3	ΣH^4	ΣH^5	ΣH^6	ΣH^7	ΣH^8	ΣH^9	ΣH^{10}	ΣH^{11}	ΣH^{12}	ΣH^{13}	ΣH^{14}	ΣH^{15}	ΣH^{16}	Mean No. of Hours with Temperature						
Rel. Hum.																	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 72 F$	$\pm 80 F$	$\pm 92 F$	Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

9477-50321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																	
76/ 75			.5	.2																												6	6				
74/ 73		.8	1.6	.2	.5				.2												.1	.1										31	31				
72/ 71		1.7	2.1	.3		.2	.2	.1																								41	41	20	1		
70/ 69		3.6	3.2	.3	.2	.2	.3	.3		.2	.1																					75	75	34	31		
68/ 67	.7	4.9	3.2	.7	.6		.2	.1	.3	.2	.1																					97	97	73	53		
66/ 65	1.3	5.4	3.6	1.0	.7	.5			.1	.3	.1																					113	113	100	86		
64/ 63	.3	4.0	2.2	1.0	.2		1.0	.2	.1	.1	.1																					82	82	64	80		
62/ 61	.5	3.2	2.2	1.7	.3	.3	.8	.6	.1	.2																						87	87	71	48		
60/ 59	.3	4.0	1.7	.9		.2	.5	.8																									74	74	73	68	
58/ 57	.2	2.2	1.6	.8	.2	1.3	1.0	.7	.2																								72	72	78	66	
56/ 55	.2	1.3	1.8	.6	.7	.5	.5	.5																									52	52	54	54	
54/ 53	.5	.9	1.3	.3	.3	.9	.2	.1																									40	40	45	46	
52/ 51	.1	.9	.7	.1	.9	.7		.1																									31	31	45	42	
50/ 49		.7	.3	.2	.3	.8	.1																										22	22	51	32	
48/ 47			.2		.5	.1																											7	7	36	31	
46/ 45			.2	.5	.7	.3																											15	15	29	25	
44/ 43			.6	.7	.1																												12	12	30	9	
42/ 41			.1	.3																													4	4	20	13	
40/ 39			.1																														1	1	19	24	
38/ 37			.5	.1	.1																												6	6	12	17	
36/ 35				.1																													1	1	9	22	
34/ 33																																				3	27
32/ 31																																			3	22	
30/ 29			.1																														1	1		23	
28/ 27																																				19	
26/ 25																																			1	12	
24/ 23																																				6	
22/ 21																																				2	
20/ 19																																				8	
18/ 17																																				3	
TOTAL	4.1	33.7	27.8	10.3	6.4	6.1	4.9	3.7	1.4	.9	.5	.1																					870	870	870	870	

Element (K)	Σg'	Σg	Σ	Σ _s	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	Σg'	Σg	Σ	Σ _s	No. Obs.	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	3362042	53690	61.7	7.485	870		.1	25.9	3.8			90
Wet Bulb	2908038	49886	57.1	9.004	870		.8	13.1				90
Dew Point	2570621	45929	52.8	2.959	870		9.8	8.8				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHIN AFB TX STATION NAME 70-73-81 YEARS APR 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															
88/ 87									.1									1	1																	
86/ 85										.1	.1	.1						3	3																	
84/ 83									.2						.1	.2	.2	7	7																	
82/ 81					.1	.4	.2			.2	.1	.1						11	11																	
80/ 79					.3	.7	.7	.2	.2	.1	.2	.3	.4	.2	.1			32	32																	
78/ 77				.9	.8	.4	.4	.4	.2	.3	.3	.4	.2	.1				42	42																	
76/ 75			.8	1.6	2.2	.4	.4	.6	.1	.3	.2	.3	.3	.1				67	67																	
74/ 73		.6	2.7	2.6	.8	.9	1.1	.7	.3	.6	.2	.6	.1					99	99	4																
72/ 71		1.3	2.2	3.0	1.5	.9	.9	.7	.6	.6	.6	.1	.1					111	111	44	2															
70/ 69	.1	1.8	4.5	1.7	1.9	.7	.8	.3	.4	.2	.7	.2						116	116	73	41															
68/ 67	.3	3.1	3.0	1.5	1.9	1.0	.7	.6	1.0	.4	.8	.1						129	129	116	67															
66/ 65	.2	2.2	1.7	2.2	.7	.3	.6	.8	.9	.1	.2							89	89	95	95															
64/ 63		1.2	1.1	1.1	.7	.3	.1	.6	.7	.3								55	55	83	89															
62/ 61	.1	.8	.8	.7	.1	.2	.6	.3	.4									36	36	92	67															
60/ 59	.2	.6	.4	.7	.3	.1	.7	.4										31	31	75	58															
58/ 57	.1	.4	.6	.3	.2	.1	.7	.4	.1									27	27	64	59															
56/ 55	.1	.2	.2			.4	.3	.1										13	13	52	54															
54/ 53	.2	.1	.3		.2	.2	.1	.1										12	12	51	44															
52/ 51		.1			.2	.2	.2	.1										8	8	36	30															
50/ 49					.1	.2												3	3	46	37															
48/ 47				.1	.1		.1											3	3	20	20															
46/ 45																				18	19															
44/ 43																				12	14															
42/ 41																				9	21															
40/ 39																				4	17															
38/ 37																					18															
36/ 35																				1	29															
34/ 33																					28															
32/ 31																					16															
30/ 29																					19															
28/ 27																					18															
26/ 25																					12															
24/ 23																					5															
22/ 21																					6															
Element (K)	ΣR ²		ΣR		Σ	σ _R	No. Obs.		Mean No. of Hours with Temperature																											
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																					
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

9477-54321

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 APR
 STATION STATION NAME YEARS MONTH
 PAGE 2 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
26/ 19																					5		
18/ 17																					4		
14/ 13																					1		
TOTAL	1.5	12.5	18.3	16.3	12.2	7.7	8.3	6.4	5.4	3.0	3.6	2.3	1.3	.7	.3	.2		895		895			
																	895		895				

Element (X)	Σ X	Σ X²	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum.	3998209	56201	62.8	2.907	895						
Dry Bulb	4290483	61693	68.9	6.519	895	62.1	26.3	3.8			90
Wet Bulb	3334726	54222	60.6	7.462	895	23.8	.4				90
Dew Point	2724480	47966	53.6	3.117	895	8.6	11.1				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 STATION LAUGHLIN AFB TX 70-73-81 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
100/ 99																	.1	1	1				
96/ 95																	.2	2	2				
94/ 93																	.1	7	7				
92/ 91													.3	.2	.3	.2	.2	10	10				
90/ 89								.1	.1	.4	.2	.1	.2	.2	.1	.3	17	17					
88/ 87							.1	.4	.7	.3	.2	.1	.4	.3	.1	.2	27	27					
86/ 85						.7	.3	.7	.7	.2	.1	.3	.7	.4	.4	.1	35	35					
84/ 83					.7	1.0	1.0	.7	1.0	.4	.1	.3	.4	.2	.1		54	54					
82/ 81				.2	1.4	1.7	1.3	.7	.3	.8	.3	.8	1.1	.2			80	80					
80/ 79			.4	1.0	1.7	.8	.4	1.2	.9	.2	.6	1.1	.7	.1			82	82					
78/ 77			.8	2.1	2.6	1.3	.9	1.2	.6	.4	.6	.8	.4				105	105					
76/ 75			1.3	2.2	2.9	1.2	.8	1.4	.6	.6	.8	.7	.3	.1			116	116	4				
74/ 73		.1	1.0	1.9	1.4	1.0	.9	.4	.4	.7	1.4	.3	.6				92	92	27				
72/ 71		.2	1.1	1.9	1.1	1.6	.4	.4	.7	.8	.7	.2					82	82	74	3			
70/ 69		.6	.9	1.0	1.3	.4		.3	.2	.4	.6	.3					55	55	112	43			
68/ 67	.1	.8	.9	.6	.4	.2	.4	.2	.7	.3	.1						43	43	118	53			
66/ 65	.1	.6	.3	.2	.6		.1	.2	.2	.3	.1						25	25	81	95			
64/ 63		.3	.3	.2	.1		.2	.1	.7	.2	.2						22	22	91	86			
62/ 61	.1	.2	.1	.7	.2		.1	.1	.3	.2							19	19	92	62			
60/ 59		.2		.1			.3	.1	.1	.2							10	10	52	46			
58/ 57	.1	.2	.2				.1	.1	.1								8	8	57	63			
56/ 55				.1			.2										3	3	57	45			
54/ 53		.1	.3				.1										5	5	46	49			
52/ 51																			36	37			
50/ 49																			17	24			
48/ 47																			17	18			
46/ 45																			10	27			
44/ 43																			7	20			
42/ 41																			2	20			
40/ 39																				22			
38/ 37																				26			
36/ 35																				29			
34/ 33																				20			
32/ 31																				27			
Element (X)	ΣR^1	ΣR	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

9477-94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

70-73-81
YEARS

APR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
30 / 29																						26
28 / 27																						11
26 / 25																						21
24 / 23																						8
22 / 21																						9
20 / 19																						5
18 / 17																						2
16 / 15																						3
TOTAL	.4	3.1	6.8	10.0	11.6	10.8	9.0	8.0	9.0	7.6	6.8	3.7	4.8	4.6	1.7	1.0	1.3	900	900	900	900	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature											Total					
Rel. Hum.	2645951	44487	49.4	22.297	900	= 0 F	= 32 F	= 47 F	= 73 F	= 80 F	= 93 F				90							
Dry Bulb	5223667	68241	75.8	7.413	900			80.8	62.8	28.0	1.0				90							
Wet Bulb	3580704	56416	62.7	7.020	900			33.5	3.1				90									
Dew Point	21383	47191	52.4	3.668	900		11.2	9.9				90										

0437-543E

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
102/101																													.1	1	1				
100/ 99																													.2	2	2				
98/ 97																												.1	1.2	12	12				
96/ 95																											.1	.3	.7	10	10				
94/ 93														.1	.1	.1	.3	.6	11	11							.2	.3	.9	24	24				
92/ 91													.1	.3	.2	.2	.3	.9	24	24							.2	.3	.9	24	24				
90/ 89										.1	.9	.9	.4	.1	.2	.8	1.0	.4	44	44							.8	1.0	.4	44	44				
88/ 87										.2	1.7	1.0	.7	.6	.2	.3	.7	.4	52	52							.7	.4	.4	52	52				
86/ 85							.1	.7	1.7	1.5	.8	1.2	1.2	.1	.7	.6	.4	.2	82	82							.6	.4	.2	82	82				
84/ 83							.4	.7	2.2	2.0	1.0	.8	.8	.1	1.6	.7	.1	.2	93	93							.7	.1	.1	93	93				
82/ 81					.1	.6	1.6	.9	.8	1.1	.6	.6	.1	1.6	.7			.2	76	76							.7			76	76				
80/ 79				.2	1.3	2.2	.7	.8	.8	1.1	.9	1.0	.6	.3	.3			.2	92	92										92	92				
78/ 77			.1	1.5	1.3	2.1	1.0	1.7	1.2	.6	1.0	1.2	.3	.4				112	112	1										112	112	1			
76/ 75			.9	.8	1.2	1.0	.7	.7	.4									60	60	4										60	60	4			
74/ 73			.6	.4	.3	1.9	.7	1.0	.4	.6	.7	.9	.3					70	70	36										70	70	36			
72/ 71		.3	.2	.6	.7	.4	.1	.2	.2	.6	.6	.4						39	39	88	3									39	39	88 3			
70/ 69		.8	.8	.3	.2	.2	.4	.3	.2	.7	.1	.2						39	39	124	41									39	39	124 41			
68/ 67		.1	.7	.2	.1	.4	.2			.1	.4	.2						27	27	94	44									27	27	94 44			
66/ 65		.1	.3	.2	.1		.1	.1	.3	.3	.1	.1						15	15	82	68									15	15	82 68			
64/ 63	.1	.3	.2	.2						.3	.2							13	13	104	72									13	13	104 72			
62/ 61	.1		.1	.4	.1	.1												8	8	74	71									8	8	74 71			
60/ 59			.3						.1	.1								5	5	68	46									5	5	68 46			
58/ 57	.1	.3						.1	.1	.1								7	7	74	58									7	7	74 58			
56/ 55								.1										1	1	57	51									1	1	57 51			
54/ 53																				29	43										29	43			
52/ 51																				25	37										25	37			
50/ 49																				12	35										12	35			
48/ 47																				10	24										10	24			
46/ 45																				9	26										9	26			
44/ 43																				3	22										3	22			
42/ 41																				1	14										1	14			
40/ 39																					25										25				
38/ 37																					27										27				
36/ 35																					31										31				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

70, 73-81
 YEARS

YEARS

APR
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point					
34/ 33																								29	
32/ 31																								32	
30/ 29																								27	
28/ 27																								25	
26/ 25																								16	
24/ 23																								5	
22/ 21																								8	
20/ 19																								8	
18/ 17																								3	
16/ 15																								4	
TOTAL	.3	2.0	4.2	4.7	5.6	9.6	7.0	10.2	10.9	8.8	9.1	8.0	2.6	5.3	4.1	3.1	4.4					895	895	895	895

Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	2009262	17904	42.4	21.258	895			85.1	74.5	45.1	3.6	90
Wet Bulb	3636064	56732	63.4	6.685	895			34.9	4.1			90
Dew Point	2500978	45662	51.0	3.844	895		12.9	8.8				90

9477 54321

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb		Wet Bulb	Dew Point	
100/ 99																	.1	1	1			
98/ 97																	.1	1	1			
96/ 95																.4	.4	6	6			
94/ 93														.1	.1		.2	4	4			
92/ 91												.1			.1	.1	.2	5	5			
90/ 89									.1	.1	.2	.2		.2	.1	.5	.2	15	15			
88/ 87								.4	.6		.2	.1	.1	.4	.5	.4		22	22			
86/ 85						.1	.5	.6	1.1	.4	.9	.6	.5	.1	.5	.2		45	45			
84/ 83						.5	.4	1.1	1.0	1.1	.2		.2	.9	.2	.1		47	47			
82/ 81					.1	.7	1.4	.9	1.2	.7	.2	.6	.2	1.4	.5			65	65			
80/ 79			.2	.9	1.0	.9	.7	.6	.4	.4	.6	.6	.6	.6	.1			57	57			
78/ 77			.9	1.9	1.5	1.2	1.0	.9	.6	.6	.9	.5	.6					85	85			
76/ 75			.6	1.9	1.7	1.7	.7	1.9	1.4	.9	.4	.9	.4	.2				102	102	4		
74/ 73			1.1	1.4	.9	1.2	1.1	.9	1.0	.2	.2	.5	.2					71	71	18		
72/ 71	.2	1.1	1.1	.5	1.2	1.4	1.0	.5	.5	.4	.4							67	67	47		
70/ 69	.6	2.8	.7	1.5	.9	.4	.7	.4	.6	.4	.4							76	76	83		
68/ 67	.5	1.2	.5	.6	.7	1.0	.2	.2	.4	.4								47	47	97		
66/ 65	.2	.2	.1	.2	.4	.2	.2	.5	.2	.4								23	23	88		
64/ 63	.9	.5	.2		.2	.1	.2	.1	.5	.2								25	25	85		
62/ 61		.2	.5		.1	.4	.2	.2	.1									15	15	72		
60/ 59	.1	.9			.1	.2	.2											13	13	66		
58/ 57	.5	.1			.1	.2	.2											8	8	78		
56/ 55		.1			.2	.2	.1											6	6	61		
54/ 53	.1				.1		.1											3	3	29		
52/ 51																				28		
50/ 49																				16		
48/ 47																				12		
46/ 45																				13		
44/ 43																				7		
42/ 41																				3		
40/ 39																				2		
38/ 37																						
36/ 35																						
34/ 33																						
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

947 1321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS APR 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																			
32/ 31																																							28	
30/ 29																																							19	
28/ 27																																							15	
26/ 25																																							12	
24/ 23																																							6	
22/ 21																																							13	
20/ 19																																							4	
18/ 17																																							3	
16/ 15																																							4	
14/ 13																																							2	
TOTAL		3.2	9.0	7.5	8.3	10.6	9.6	10.9	10.5	6.9	5.3	5.3	2.8	4.6	2.2	1.7	1.4																				809	809	809	809

Element (X)	Σx ²	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2306515	19247	48.5	22.320	809							
Dry Bulb	8642502	60964	75.4	7.741	809			79.7	58.5	27.0	1.3	90
Wet Bulb	3147473	50147	62.0	6.951	809			27.7	2.9			90
Dew Point	2287678	41604	51.4	3.540	809		11.8	8.4				90

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX STATION

70, 73, 75-81 YEARS

APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	≥31	Dry Bulb
86/ 85															.1		1	1	
84/ 83						.1		.1		.3	.1						6	6	
82/ 81					.3		.3		.4	.5				.1			12	12	
81/ 79				.1	.8	.8	.1	.4	1.0	.3			.4				30	30	
78/ 77				1.0	.5	1.0	1.0	.1		.4	.4	.1					36	36	
76/ 75			.5	1.9	1.5	1.5	.4	.1	.5	.3	.8	.5	.1	.1			65	65	1
74/ 73			1.8	1.6	.6	1.6	.5	.6	1.1	.5	.9	.1	.4	.3			80	80	7
72/ 71	1.0	2.9	2.3	.9	.9	.3	.9	.4	.8	.5	.1						86	86	28
70/ 69	1.1	2.9	1.8	1.0	.9	1.0	.9	.6	.4	.5	.4						91	91	55
68/ 67	2.1	2.4	1.9	1.8	.9	.8	.9	.8	.4	.5	.4	.4					97	97	73
66/ 65	2.1	1.6	1.6	.4	.9	1.0	.5	.5	.4	.3							74	74	91
64/ 63	.1	2.9	1.8	.9	.8	1.1	.3	.5	.3	.4	.1						72	72	85
62/ 61	.1	1.1	.5	1.0	.6	.8	.5	.6	.4	.1							46	46	68
60/ 59	.1	.9	.5	.8	.1	.5	.4	.1	.3								29	29	65
58/ 57	.9	.8	.8	.1	.1	1.0	.4	.1									33	33	57
56/ 55	.1	.1	.1	.1	.1	.1	.3	.3	.3								11	11	68
54/ 53	.3			.1	.4	.8											12	12	51
52/ 51	.1			.1	.1	.4	.3										8	8	40
50/ 49	.1		.3	.1	.3												6	6	29
48/ 47					.1	.1											2	2	28
46/ 45				.1	.1												2	2	16
44/ 43																			15
42/ 41																			10
40/ 39																			6
38/ 37																			5
36/ 35																			1
34/ 33																			
32/ 31																			
30/ 29																			
28/ 27																			
26/ 25																			
24/ 23																			
22/ 21																			
20/ 19																			
Element (X)	ΣX ²		ΣX		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total						
Rel. Hum.							≤ 8 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																			
Wet Bulb																			
Dew Point																			

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

70, 73, 75-81
 YEARS

APR
 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
16/ 17																					6
16/ 15																					8
14/ 13																					2
TOTAL	.5	1.8	1.6	0.0	5.6	0.5	1.8	9.0	6.8	6.0	3.3	4.6	2.3	1.3	.5	.1		799		799	
																	799			799	

Element (X)	Z _H ²	Z _H	Z	Z _h	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	3339956	48370	60.5	2.716	799	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3768370	50592	68.3	6.932	799			56.8	25.9	3.7		90
Wet Bulb	2883211	47591	59.6	7.799	799			18.5	.9			90
Dew Point	2307205	41581	52.0	3.593	799		10.1	0.7				90

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

9477-5021

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

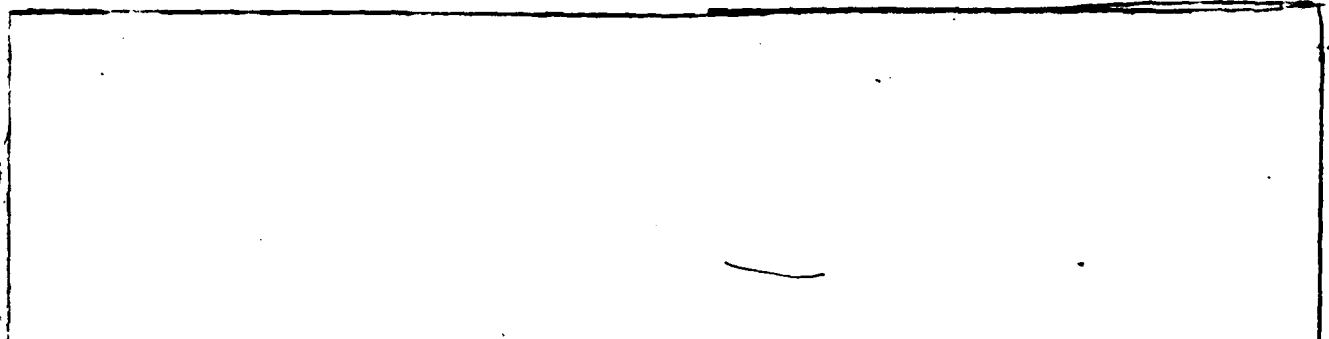
722615 STATION LAUGHLIN AFB TX STATION NAME 70-73-A1 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point																		
102/101																														.0	1	1						
100/99																															.1	4	4					
98/97																														.0	.2	13	13					
96/95																														.1	.2	18	18					
94/93																														.1	.1	.22	.22					
92/91																														.1	.1	.39	.39					
90/89																														.1	.1	.76	.76					
88/87																														.1	.1	102	102					
86/85																														.1	.1	166	166					
84/83																														.1	.1	207	207					
82/81																														.1	.1	244	244					
80/79																														.1	.1	303	303					
78/77																														.1	.1	387	387	1				
76/75																														.1	.1	445	445	13				
74/73																														.1	.1	485	485	93				
72/71																														.1	.1	509	509	319				
70/69																														.1	.1	585	585	543				
68/67																														.1	.1	627	627	695				
66/65																														.1	.1	490	490	705				
64/63																														.1	.1	426	426	624				
62/61																														.1	.1	354	354	586				
60/59																														.1	.1	268	268	528				
58/57																														.1	.1	246	246	514				
56/55																														.1	.1	143	143	486				
54/53																														.1	.1	124	124	327				
52/51																														.1	.1	103	103	270				
50/49																														.1	.1	63	63	252				
48/47																														.1	.1	25	25	196				
46/45																														.1	.1	29	29	133				
44/43																														.1	.1	21	21	116				
42/41																														.1	.1	8	8	70				
40/39																														.1	.1	3	3	56				
38/37																														.1	.1	9	9	28				
36/35																														.1	.1	1	1	17				
Element (R)	Σ R ²		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R		Σ R					
Rel. Hum.																																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

9477-9432

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



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX 70, 73-81 YEARS APR MONTH

PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point												
34/ 33																															9	174
32/ 31																														4	170	
30/ 29			.0																									1	1	1	146	
28/ 27																																116
26/ 25																														1	109	
24/ 23																																53
22/ 21																																58
20/ 19																																38
18/ 17																																29
16/ 15																																26
14/ 13																																11
TOTAL	1.5	15.3	15.7	10.9	9.4	8.5	7.3	6.8	6.4	4.4	4.1	3.0	1.7	2.1	1.1	.8	.9													6547	6547	6547

Element (X)	Σ K ²	Σ K	Σ K ²	Σ C _K	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F
Rel. Hum.	27881310	391788	59,828,886	6547								
Dry Bulb	32553070	857296	69,809,866	6547			1	845.3	276.3	115.0	6.8	720
Wet Bulb	24179918	398366	60,288,058	6547			7	183.0	11.8			720
Dew Point	19101818	392599	52,313,398	6547			83.1	71.6				720

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

9477-94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 75-81 MAY
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.2											1	1		
86/ 85							.3											2	2		
84/ 83						.2	.5											4	4		
82/ 81						.8	.8	.5	.6									17	17		
80/ 79			.6	.6	1.1	.9	.8	1.1	.3									35	35		
78/ 77		.2	1.2	2.1	1.7	.9	1.4	.8										54	54		
76/ 75			2.4	1.7	.9	.9	.5	.6										46	46	7	3
74/ 73		1.8	3.7	2.9	1.1	.8	.9	.3										75	75	26	5
72/ 71	.5	3.2	4.0	2.0	1.4	1.7	1.1											90	90	79	32
70/ 69	.5	3.1	5.0	1.4	1.7	.6	.5	.3										85	85	77	66
68/ 67	.5	5.2	6.9	1.2	1.5	.2	.5											104	104	86	76
66/ 65	.2	2.3	.8	1.8	1.1	.6	.3											46	46	111	78
64/ 63		3.5	.8	1.2	.5	.3		.2										42	42	87	83
62/ 61		.6		.8	.6	.3		.3										15	15	64	69
60/ 59		.5	.6	.8	.3	.2												15	15	42	51
58/ 57			.3	.9	.3													10	10	17	43
56/ 55			.5	.5	.2													7	7	22	36
54/ 53			.9	.2														7	7	11	35
52/ 51																				11	21
50/ 49																				14	18
48/ 47																				1	12
46/ 45																					16
44/ 43																					6
42/ 41																					1
40/ 39																					2
38/ 37																					2
TOTAL	1.5	20.3	27.6	18.0	12.2	7.9	7.8	3.7	.9									655	655	655	655
Element (X)	ΣT	ΣK	ΣI	Σe	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	3794027	48945	74.7	4.52	655	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	3270601	46117	70.4	6.009	655			72.8	33.2	5.7		93									
Wet Bulb	2784863	42553	65.0	5.578	655			39.0	4.7			93									
Dew Point	2514230	40316	61.6	7.075	655			25.8	1.1			93									

9477-543E

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 75-81 YEARS MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		31	Dry Bulb	Wet Bulb
84/ 83						.4											3	3		
82/ 81						.6											4	4		
80/ 79			.4	.1		1.4	.3										16	16		
78/ 77			.9	.7	.7	.3	.4		.1								22	22		
76/ 75		.4	2.3	2.7	.3	.3	.6	.7									51	51	3	3
74/ 73		1.6	4.1	2.1	.1	.6	1.0										67	67	15	5
72/ 71	.6	3.6	4.1	1.4	.3	.7	.6	.1									80	80	56	21
70/ 69	1.3	5.1	4.6	1.4	1.1	1.0											102	102	99	69
68/ 67	.1	6.1	7.7	1.6	1.9	.1	.1	.1									125	125	93	87
66/ 65	.7	4.1	3.6	1.4	.1	.7	.1										76	76	101	99
64/ 63		3.0	1.1	1.9		.3											44	44	107	84
62/ 61		2.1	1.4	1.1	.3		.1										36	36	67	82
60/ 59		1.6	.7	.1	.1		.1	.1									20	20	47	39
58/ 57		.6	1.1	.4	.1	.1											17	17	36	46
56/ 55		.1	.9	.7	.1	.1											14	14	22	47
54/ 53			1.4	.6													14	14	11	46
52/ 51			.3		.3												4	4	11	11
50/ 49		.3	.4														5	5	18	7
48/ 47		.1															1	1	10	19
46/ 45				.1													1	1	5	16
44/ 43																				11
42/ 41																				1
40/ 39																			1	1
38/ 37																				4
36/ 35																				2
34/ 33																				1
32/ 31																				1
TOTAL	2,728,835.0	16.5	5.6	6.7	3.4	1.1	.1										702	702	702	702

Element (X)	ΣX^2	ΣX	Σ	Σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3280878	55971	79.7	2.678	702			62.3	21.6	1.7		93
Wet Bulb	2896159	44889	63.9	6.062	702			35.2	2.4			93
Dew Point	2677183	43045	61.3	7.390	702		.1	28.5	1.1			93

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70-73-81 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
86/ 85							.1										1	1		
84/ 83						.2											2	2		
81/ 81			.1			.2	.2										5	5		
81/ 79			.3	.2	.1	.6	.2	.1									14	14		
77/ 77		.1	.9	.8	.5	.5	.1	.2									27	27	1	
76/ 75		.8	2.4	1.4	.1	.6	.7	.1	.2								60	60	5	3
74/ 73		2.5	5.0	1.8	.7	1.0	1.0	.2		.1							109	109	25	10
72/ 71	.2	4.2	6.1	1.7	1.0	.7	.5	.2									129	129	78	33
70/ 69	.9	4.2	5.4	1.2	2.3	.8											131	131	121	95
68/ 67	.2	4.9	6.1	1.4	1.5	.3	.1	.2	.1								131	131	131	111
66/ 65	.3	4.2	2.9	1.2	.7	.5	.1	.1									89	89	107	121
64/ 63		2.4	1.6	1.5	.5	.5	.3										59	59	131	98
62/ 61		1.2	1.1	.9	.6	.1	.2										37	37	75	77
60/ 59		1.0	1.2	.5	.2			.1									27	27	62	65
58/ 57		.8	.6	.1	.6	.3											21	21	41	53
58/ 55		.1	1.0	.5	.2												16	16	27	63
54/ 53		.1	.2	.5	.2												9	9	26	40
52/ 51		.2	.2														4	4	16	24
50/ 49		.2	.5	.2													8	8	15	17
48/ 47		.2		.1													3	3	11	18
46/ 45		.1															1	1	7	17
44/ 43			.1														1	1	3	15
42/ 41																			1	7
40/ 39																			1	7
38/ 37																				6
36/ 35																				2
34/ 33																				1
32/ 31																				1
TOTAL	1.7	27.3	35.9	14.4	9.2	6.2	3.6	1.4	.3	.1							884	884	884	884
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature					Total				
Rel. Hum.	5643759		69641		78.8		3.355		884		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb	4168365		60967		68.4		6.051		884				69.1	22.9	1.4		93			
Wet Bulb	3661249		56621		64.1		6.262		884				38.0	3.3			93			
Dew Point	3368568		54132		61.2		7.808		884		.1	26.5	1.8				93			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS MAY 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
102/101																	.1	1	1		
100/99																	.2	3	3		
98/97																	.1	8	8		
96/95																	.2	7	7		
94/93																	.1	22	22		
92/91																	.2	45	45		
90/89																	.3	62	62		
88/87																	.4	72	72		
86/85																	.5	90	90		
84/83																	.6	91	91		
82/81																	.7	104	104		
80/79																	.8	117	117		
78/77																	.9	76	77	21	
76/75																	1.0	82	82	77	
74/73																	1.1	57	57	166	
72/71																	1.2	30	30	143	
70/69																	1.3	26	26	153	
68/67																	1.4	15	15	109	
66/65																	1.5	5	5	66	
64/63																	1.6	9	9	61	
62/61																	1.7	1	1	49	
60/59																	1.8			31	
58/57																	1.9			14	
56/55																	2.0			25	
54/53																	2.1			5	
52/51																	2.2			2	
50/49																	2.3			1	
48/47																	2.4				
46/45																	2.5				
44/43																	2.6				
42/41																	2.7				
40/39																	2.8				
38/37																	2.9				
36/35																	3.0				
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature										
Ref. Num.											$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
104/103																.7	6	6		
102/101														.1	.2	.3	.3	9	9	
100/ 99											.3			.4	.1	.1		9	9	
98/ 97												.1	.5	.5	.1	.1		8	8	
96/ 95										.2	.5	1.3	.5	.4	.5	.4	.9	45	45	
94/ 93								.3	.5	1.4	1.5	.2	.2	1.2	.4	.5		59	59	
92/ 91							.3	1.4	1.4	1.1	1.4	1.1	.1	.5	.5			73	73	
90/ 89						.1	.2	1.9	2.5	1.0	1.4	.7	.4	.5	.3	.1		84	84	
88/ 87					.2	1.0	3.0	2.1	2.0	.5	.7	.5	.2	.1				94	94	
86/ 85					.4	1.9	1.8	1.1	1.1	.3	.7	.7	.2					74	74	
84/ 83			.2		1.3	1.8	1.8	1.1	1.1	.3	1.1	.4	.1					84	84	
82/ 81				1.2	1.9	2.1	1.1	.5	.7	.7	1.0	1.0	.1	.1				94	94	
80/ 79			.1	1.2	1.2	2.2	.5	.4	.5	.4	.7	.5	.4					75	75	4
78/ 77		.1	.5	2.0	2.6	1.6	.2	.3	.4	.2	.5	.4						79	79	19
76/ 75		.1	1.4	1.0	1.1	.4	.4	.2	.1	.4	.3	.1						52	52	76
74/ 73			.3	.2	.2	.2		.1	.4	.1								15	15	180
72/ 71		.1	.3	.5	.2		.2	.5										18	18	147
70/ 69			.5	.4	.3	.1		.2										15	15	141
68/ 67		.1	.2	.1				.1										5	5	88
66/ 65		.3	.4	.1				.2										10	10	70
64/ 63		.1	.1															2	2	61
62/ 61		.1																1	1	48
60/ 59																				40
58/ 57		.1																1	1	22
56/ 55																				11
54/ 53																				2
52/ 51																				1
50/ 49																				2
48/ 47																				
46/ 45																				
44/ 43																				
42/ 41																				
40/ 39																				
38/ 37																				
Element (X)	ΣX ²	ΣX	X	Σ _n	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
32 / 35																					13		
34 / 33																					6		
20 / 19																					1		
TOTAL		1.1	3.9	5.8	6.9	8.6	8.1	11.3	11.5	9.2	7.9	9.3	5.5	3.1	3.2	2.1	2.5		912		912		
																		912			912		
Element (X)	Z _R ¹	Z _R	I	σ _a	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	2296229	42581	46.7	8.391	912	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	6573530	77128	84.6	7.468	912			91.6	87.7	68.7	13.9	93											
Wet Bulb	4365294	62914	69.0	5.259	912			66.8	28.5			93											
Dew Point	3341665	54483	59.7	9.764	912			.1	27.8	1.0		93											

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

0477-104321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb
104/103																	.1	1	1	
102/101																	.1	1	1	
100/ 99																	.1	2	2	
98/ 97													.1	.1	.1	.2		5	5	
96/ 95											.1	.1	.1	.2	.2	.4		10	10	
94/ 93										.4	.4	.1	.1	.4	.2	.2		15	15	
92/ 91								.2	1.0	1.0	.6	.2	.2	.5	.5			35	35	
90/ 89							.5	.9	1.0	1.0	1.1	.5	.7	.2	.2			50	50	
88/ 87					.1	1.1	2.0	1.5	1.2	.4	.2	.5	.4					60	60	
86/ 85				.1	.2	1.4	1.4	1.4	.4	1.0	.4	.9	.1					58	58	
84/ 83				.4	1.6	1.5	1.9	1.5	.6	.9	.2	.4	.4					75	75	
82/ 81			.5	1.2	2.6	1.6	.9	1.2	.4	.6	.6	.4						81	81	
80/ 79			.7	2.2	1.6	1.0	1.1	.9	.4	.6	.5	.2			.1			76	76	
78/ 77	.1	.7	2.5	2.1	1.9	.5	.9	.5	.5	.9	.1	.1						87	87	8
76/ 75	.4	1.7	2.5	2.6	.7	.6	1.1	.5	.4	.2	.2							89	89	35 2
74/ 73	.6	1.9	2.3	.6	.7	.5	.4	.7	.5	.4								70	70	110 10
72/ 71	.2	1.2	1.0	.5		.1	.2	.5	.1									32	32	138 26
70/ 69	.1	1.4	.6	.6		.2	.6											30	30	129 94
68/ 67	.4	.6	.6	.1	.1	.4	.2	.1										21	21	99 99
66/ 65			.1			.1	.1	.2										5	5	84 97
64/ 63		.4	.1		.1													5	5	56 89
62/ 61	.1			.1														2	2	57 56
60/ 59																				38 55
58/ 57																				22 40
56/ 55																				23 31
54/ 53																				5 33
52/ 51																				4 25
50/ 49																				2 14
48/ 47																				33
46/ 45																				24
44/ 43																				26
42/ 41																				16
40/ 39																				12
38/ 37																				7
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.				Mean No. of Hours with Temperature											
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

6477 5422

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

70, 73-81 YEARS

MAY 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																	
36/ 35																																						10
34/ 33																																						9
32/ 21																																						1
20/ 19																																						1
TOTAL		2.0	7.9	11.0	10.6	9.8	9.0	11.2	10.1	6.9	7.4	4.3	3.6	2.3	1.7	1.6	.5																				810	
																																					810	810

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≈ 67 F	≈ 73 F	≈ 80 F	≈ 93 F	
Rel. Hum.	2566678	42786	52.8	9.468	810							
Dry Bulb	5294534	65234	80.5	7.107	810			91.6	82.1	50.1	3.9	93
Wet Bulb	3731873	54809	67.7	5.355	810			59.6	17.6			93
Dew Point	2962100	48350	59.7	9.694	810			.2	26.5	1.4		93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73, 75-81 MAY
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91									.3									2	2																
90/ 89								.1	.3									4	4																
88/ 87							.1	.7	.3									11	11																
86/ 85						.3	.4	1.0	1.2									24	24																
84/ 83				.1	.1	.5	2.1	.9	.5	.9	.1	.1						42	42																
82/ 81				.5	.7	.8	1.0	1.2	.1	.4		.1						37	37																
80/ 79			.1	1.3	2.0	1.4	.9	.9	.8	.3	.1	.1						61	61																
78/ 77			.7	2.0	1.6	1.3	1.6	.7	.7	.4								67	67		1														
76/ 75		.1	2.2	2.1	2.3	1.8	.8	.9	.4	.4								85	85	14															
74/ 73		1.4	3.4	3.9	1.3	1.2	.9	.7		.1								99	99	56	6														
72/ 71		2.2	5.9	2.3	1.4	.5	1.4	.5	.1									111	111	110	36														
70/ 69		1.2	4.0	1.3	.9	1.3	1.2	.1	.7	.1								83	83	99	81														
68/ 67	.3	.8	2.6	.8	.8	1.0	.8	.4	.4									60	60	140	94														
66/ 65		.8	1.2	.1	.7	.8	.7	.1										33	33	95	104														
64/ 63		.8	.4	.7	.3	.5	.4	.3										25	25	69	91														
62/ 61		.8		.1	.5	.3	.1	.1										12	12	57	76														
60/ 59		.1		.1														2	2	39	50														
58/ 57				.3	.1													3	3	29	37														
56/ 55			.1	.4		.1	.1											6	6	15	27														
54/ 53																				27	42														
52/ 51																				9	28														
50/ 49																				5	20														
48/ 47																					23														
46/ 45																				2	16														
44/ 43																					11														
42/ 41																					8														
40/ 39																					6														
38/ 37																					3														
36/ 35																					6														
34/ 33																					2														
TOTAL	.3	7.8	20.6	16.0	12.6	11.9	12.5	8.5	5.2	3.5	.4	.7						767	767	767	767														
Element (X)	Σ H ²		Σ H		Σ X		Σ X ²		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.	3556581		50609		66.0		16.841		767		≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																			
Dry Bulb	4223986		56714		73.9		6.300		767				83.2	52.4	17.8		93																		
Wet Bulb	3362788		50602		66.0		5.691		767				50.9	8.6			93																		
Dew Point	2903052		86778		61.0		8.091		767				26.3	.7			93																		

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

9477 942E1

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70-73-81 MAY
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	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	7	7		
102/101															.0	.0	.1	11	11		
100/ 99												.0			.0	.0	.0	14	14		
98/ 97												.0	.1		.1	.0	.0	21	21		
96/ 95										.0	.1	.2	.1	.1	.1	.1	.1	62	62		
94/ 93									.0	.2	.4	.3	.1	.1	.2	.1	.1	96	96		
92/ 91							.1	.3	.5	.3	.4	.3	.1	.2	.2	.2		155	155		
90/ 89						.0	.1	.6	.7	.5	.4	.4	.1	.2	.1	.1		207	207		
88/ 87					.1	.6	1.0	.7	.6	.2	.2	.2	.1	.0				249	249		
86/ 85				.0	.4	1.0	.9	.7	.3	.3	.2	.2	.0					269	269		
84/ 83			.1	.2	.9	1.2	1.0	.6	.5	.2	.3	.1	.1					340	340		
82/ 81		.0	.3	.9	1.4	1.4	.6	.6	.3	.3	.3	.2	.0	.0				411	411		
80/ 79		.2	1.1	1.5	1.7	.8	.8	.5	.3	.3	.2	.1		.0				491	491	5	
78/ 77		.1	.2	1.0	1.2	.7	.6	.4	.2	.3	.0	.0						524	525	52	1
76/ 75		.3	2.2	2.2	1.6	.8	.7	.6	.3	.2	.2	.0						599	599	240	19
74/ 73	.0	1.2	2.6	2.4	.7	.8	.7	.8	.2	.2	.1							601	601	661	61
72/ 71	.2	1.9	3.1	1.4	.7	.6	.6	.3	.2	.1								595	595	910	293
70/ 69	.4	1.9	3.0	1.0	.6	.3	.3	.2	.0									561	561	963	780
68/ 67	.2	2.2	3.0	.7	.8	.3	.4	.2	.1									519	519	882	836
66/ 65	.2	1.5	1.2	.7	.3	.3	.2	.1	.1									292	292	748	842
64/ 63		1.2	.5	.7	.2	.3	.1	.1										202	202	644	740
62/ 61		.6	.3	.9	.3	.1	.2	.0										118	118	482	581
60/ 59		.4	.3	.2	.1	.0	.0	.0										68	68	334	410
58/ 57		.2	.3	.2	.2	.1												55	55	209	315
56/ 55		.0	.3	.2	.1	.0	.0											43	43	166	340
54/ 53		.0	.3	.1	.0													30	30	105	280
52/ 51		.0	.1		.0													8	8	62	169
50/ 49		.1	.1	.0														13	13	63	145
48/ 47		.0		.0	.0													4	4	22	182
46/ 45		.0		.0														2	2	14	158
44/ 43			.0															1	1	3	126
42/ 41																				1	87
40/ 39																				2	70
36/ 37																					50
Element (X)	Σ _h		Σ _g		Σ _k		Σ _a		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGH LN AFB TX STATION NAME 70, 73-81 YEARS MAY MONTH

PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
34 / 35																					39	
34 / 33																					19	
72 / 31																					2	
22 / 21																					1	
20 / 19																					2	
TOTAL	.9	1.5	1.8	2.1	3.6	0.2	9.5	8.8	7.5	5.6	4.1	3.0	2.6	1.6	.9	.8	.6	.5		6569		6568
																		6568		6568		

Element (X)	ΣH°	ΣH	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0^{\circ} F$	$\leq 32^{\circ} F$	$\leq 67^{\circ} F$	$\leq 73^{\circ} F$	$\leq 80^{\circ} F$	$\leq 93^{\circ} F$	
Rel. Hum.	29676909	420883	64.120	301	6568							
Dry Bulb	38128323	497121	75.7	8.793	6569			649.3	859.6	235.5	23.9	744
Wet Bulb	29318407	437101	66.6	5.909	6568			420.6	108.5			744
Dew Point	24900932	400556	61.0	8.484	6568			.6	225.4	9.2		744

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

8477-94321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70-71-81 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																
96/ 95													.3																			2	2			
94/ 93													.3	.3																		4	4			
92/ 91												.5	.6	.5																		10	10			
90/ 89											.2	1.1	.5	.2																		12	12			
88/ 87								.2	.3	.8	.3	.2																				11	11			
86/ 85						.9	.6	.9	.8	.2	.2																					23	23			
84/ 83				.5	.8	.6	1.4	1.9	.3	.2	.2																					37	37			
82/ 81			.3	1.1	3.1	2.2	1.9	.8	.3	.2																						63	63			
80/ 79		.2	1.9	3.3	3.3	2.8	.6	.3																								79	79			
78/ 77		.6	2.2	3.9	3.9	2.7																										85	85			
76/ 75		.9	4.2	3.1	6.0	1.6	.5																									104	104	41	12	
74/ 73	.3	2.2	.9	3.4	1.9	.6																										60	60	115	32	
72/ 71	.5	1.1	2.8	1.9	1.4	.5		.2																								53	53	131	81	
70/ 69		1.6	1.9	1.9	.5	.5																										40	40	112	82	
68/ 67	.9	1.1	1.7	1.4	.3																											35	35	104	88	
66/ 65		.2	.8	.3																												8	8	59	101	
64/ 63			.3	.3																												4	4	36	93	
62/ 61		.2	.6																													5	5	14	53	
60/ 59		.2	.2																													2	2	5	55	
58/ 57		.2																														1	1	11	15	
56/ 55																																			1	13
54/ 53																																				10
52/ 51																																				2
48/ 47																																				1
TOTAL	1.7	8.3	17.9	20.8	21.5	12.4	5.2	4.4	2.4	2.4	1.9	.8	.5																			638	638	638		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Rel. Hum.	3288537	44823	70.3	4.583	638																															
Dry Bulb	3793421	49041	76.9	6.112	638																															
Wet Bulb	3102644	48820	69.6	3.953	638																															
Dew Point	2778986	41992	65.8	2.877	638																															

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHIN AFB TX 70, 73, 75-81 JUN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb
92/ 91									.1	.1							2	2	
90/ 89								.1	.3	.4							6	6	
88/ 87								.6	.1								5	5	
86/ 85							.4	.3	.4								8	8	
84/ 83					.1	.4	.4	.9	.3								15	15	
82/ 81				.4	.7	.7	1.5	.3	.1								26	26	
80/ 79		.1	2.0	2.6	1.9	1.5	.6	.1						.1			62	62	
78/ 77		.9	3.1	6.0	2.8	1.0	.4	.7									102	102	3
76/ 75		1.9	6.6	5.4	2.5	.3	.1										115	115	27 4
74/ 73		.3	1.9	3.8	6.1	1.2	.4										108	108	107 45
72/ 71	1.7	2.0	4.9	3.2	.9												88	88	154 94
70/ 69	.1	2.3	3.1	2.5													55	55	116 106
68/ 67	1.0	1.6	2.2	.9													39	39	122 109
66/ 65		.4	1.3	.4													15	15	59 110
64/ 63		.4	1.5	.1	.1												15	15	44 68
62/ 61	.1	.1	.3	.4													7	7	16 67
60/ 59		.4	.6	.1													8	8	12 29
58/ 57		.6	.3														6	6	9 21
56/ 55		.4		.1													4	4	10 13
54/ 53				.1													1	1	3 12
52/ 51																			3 2
50/ 49																			1 2
48/ 47																			1 2
46/ 45																			1 2
20/ 19																			1
TOTAL	3.3	15.3	29.3	28.8	10.2	4.4	3.5	2.3	1.2	1.0	.6				.1		687	687	687
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature				Total							
Rel. Hum.	4216072		53090		77.3	2.856	687	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	1789439		50873		74.1	5.695	687			82.7	58.8	12.1		90					
Wet Bulb	3271913		47311		68.9	4.483	687			69.3	17.9			90					
Dew Point	3021848		45410		66.1	5.385	687		.1	86.9	6.8			90					

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																					
91/ 89																																1	1								
88/ 87							.1						.5	.5																		9	9								
86/ 85							.1						.6																				6	6							
84/ 83											1.1	.1																					10	10							
82/ 81			.1	.5	1.1	.5	1.2	.1		.4																							32	32							
80/ 79		.1	.9	2.9	3.0	1.5	.4	.1													.4												80	80							
77/ 77		.9	3.6	7.0	3.3	.8	.7																										140	140	4	1					
76/ 75	.1	1.5	6.3	5.4	2.1	.6	.1			.1																							139	139	28	9					
74/ 73	.2	3.6	6.9	6.3	1.1	.6	.1	.1																										162	162	131	35				
72/ 71	1.1	3.3	3.6	2.6	1.2	.4	.1	.1																										105	105	195	131				
70/ 69	.9	2.2	3.8	.6	.4		.1																											68	68	189	167				
68/ 67	.2	1.8	2.1	.6	.4	.1	.5																											48	48	123	135				
66/ 65	.1	.4	.9	.2	.4	.1																												18	18	80	122				
64/ 63	.1	.6	.5	.2	.2	.1																												15	15	37	99				
62/ 61	.1	.4	.2	.4	.1																													10	10	18	54				
60/ 59			.2	.2																														4	4	17	29				
58/ 57		.1	.1	.2																														4	4	11	24				
56/ 55		.1																																1	1	9	13				
54/ 53																																					5	9			
52/ 51			.1																															1	1	5	7				
50/ 49																																						3			
48/ 47																																					1	8			
46/ 45																																						4			
20/ 19																																					3				
TOTAL	2.9	15.0	29.5	27.2	13.1	4.9	3.2	1.5	1.6	.6																									.4			853	853	853	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5229473	65677	77.2	2.901	853	≥ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4709136	63238	74.1	4.956	853			89.4	61.1	8.9		90
Wet Bulb	4076243	58849	69.0	4.362	853			70.7	17.2			90
Dew Point	3764526	56444	66.2	5.890	853		.3	50.8	8.7			90

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

0437 5432

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70,73-81 JUN 1990-1990
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
96/ 97										.1	.2	.2	.1					3	3																	
96/ 95																		5	5																	
94/ 93							.1		.2	.4	.1							8	8																	
92/ 91								.2	.9	.1				.1				12	12																	
90/ 89							.1	.7	1.0									22	22																	
88/ 87						.9	1.0	2.4	1.6	.1	.2	.1						56	56																	
86/ 85			.1	.4	3.1	2.2	2.8	.9	.4									90	90																	
84/ 83		.1	.3	2.6	4.3	2.5	2.5	.8	.2	.1								119	119																	
82/ 81		.3	2.6	5.7	4.4	3.0	.4	.8	.1	.2								157	157																	
80/ 79		1.0	4.4	4.7	3.3	1.1	1.0	.2	.2						.1			143	143	5																
78/ 77		.1	1.6	3.8	3.4	1.6	.9	.3	.1	.3								108	108	30	2															
76/ 75		.7	1.9	2.2	1.5	1.5	.3		.1	.1								73	73	120	15															
74/ 73		1.0	1.0	1.3	.3	.4	.2	.1	.1	.1								42	42	265	63															
72/ 71	.2	1.7	.7	.3	.1	.1	.1	.1										31	31	197	136															
70/ 69	.1	.1	.4	.1	.1	.2												10	10	118	181															
68/ 67		.3	.1	.1														5	5	75	133															
66/ 65	.1	.2	.1	.1														5	5	42	148															
64/ 63	.1		.1															2	2	15	86															
62/ 61																				13	34															
60/ 59																				6	30															
58/ 57																				2	31															
56/ 55																				2	8															
54/ 53																					7															
52/ 51																				1	2															
50/ 49																					2															
48/ 47																					9															
44/ 43																					2															
42/ 41																					1															
20/ 19																					1															
TOTAL	.6	4.2	7.4	15.5	18.9	19.8	11.6	10.4	5.5	3.9	1.3	.7	.1	.1	.1			891	891	891	891															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3846971	57209	64.2	3.971	891	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5835511	71959	80.8	5.188	891			89.3	89.6	55.9	1.6	90
Wet Bulb	4572616	63748	71.5	3.620	891			81.8	82.4			90
Dew Point	4014623	59619	66.9	5.339	891		.1	53.5	8.1			90

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

8437-54381

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS JUN MONTH

PAGE 1 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb
108/107																.2	2	2		
108/105														.1	.2	.1	.1	5	5	
104/103														.2	.2	.1		5	5	
102/101													.2	.1	.6			8	8	
100/99									.2	.2	.4	.6	.3		.2		18	18		
98/97								.2	.3	.2	.8	.1	.3				18	18		
96/95							.1	.2	.8	1.3	1.3	.9	.3				45	45		
94/93							.4	.8	2.2	3.7	1.0	.3	.1				77	77		
92/91					.2	.4	1.2	2.0	3.8	2.4	.9	.4					103	103		
90/89					.1	1.1	3.6	6.0	2.8	1.0	.6						136	136		
88/87				.2	1.6	3.3	3.7	1.8	1.6	.7	.4	.2	.3	.1			125	125		
86/85				.8	2.9	2.2	3.2	1.7	.9	.8	.2						114	114		
84/83			.1	.3	1.7	3.6	2.3	1.2	.6	.2	.1	.2	.1				94	94	1	
82/81			.1	.4	1.3	1.1	1.0	.3	.7	.1	.2	.1					49	49	8	
80/79			.3	.9	.3	.8	.2	.3	.1		.1	.1					29	29	28	
78/77			.3	.6	.7	.7	.2	.2	.1		.1						26	26	95	
76/75	.1	.2	.7	.4	.7		.2										21	21	194	
74/73		.2	.4			.1	.1										8	8	263	
72/71		.3	.1	.4	.3												11	11	138	
70/69		.3	.2														5	5	82	
68/67		.1															1	1	40	
66/65																			24	
64/63																			12	
62/61																			11	
60/59																			4	
58/57																				
56/55																				
54/53																				
52/51																				
50/49																				
48/47																				
44/43																				
42/41																				
40/39																				
Element (X)	ΣX^2	ΣX	Σ	Σ_n	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

9417 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 JUN MONTH STATION STATION NAME YEARS

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		
TOTAL	.1	1.2	2.3	3.1	6.0	11.0	11.0	4.6	4.1	2.9	10.9	6.3	2.8	2.3	.6	.4	.3	900	900	900	900		
Element (X)	Σx^2	Σx	\bar{x}	σ_x^2	No. Obs.				Mean No. of Hours with Temperature														
Rel. Num.	2474514	45418	50.5	4.249	900				$\leq 0 F$	$\leq 32 F$	$= 67 F$	$= 73 F$	$= 80 F$	$= 93 F$	Total								
Dry Bulb	6956723	78929	87.7	6.216	900						90.0	88.3	81.3	17.8	90								
Wet Bulb	4825556	65818	73.1	3.686	900						84.9	58.9	2.0		90								
Dew Point	3957913	59849	66.1	5.876	900						48.3	8.7			90								

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B.W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point				
11/109																	.3	3	3						
10/107																	.3	13	13						
17/105															.1	.6	.5	.1	11	11					
104/103														.1	.2	.6	.7	.3	17	17					
172/101											.1	.2	.2	.8	.3	.6		20	20						
100/99										.3	.2	.9	.8	.3	.1			24	24						
98/97										.5	1.0	1.6	1.8	1.2	.9	.1		63	63						
94/95									.6	1.8	2.4	4.5	2.4	1.2	.6	.1		120	120						
94/93								.2	.6	1.2	5.0	3.0	1.0	.3	.1			102	102						
97/91						.2	2.7	1.9	3.7	2.9	1.5	.2	.7	.1				124	124						
91/89						.2	.8	2.1	4.2	2.1	1.5	.9	.9	.5	.1	.5		122	122						
88/87						.6	.8	3.4	1.7	.9	.9	.5	.2	.1				60	80						
86/85					.2	1.5	2.6	1.7	.7	.6		.1						65	65						
84/83				.1	.9	.9	1.4	.9	.3			.2	.3					45	45						
87/81				.5	.7	.3	.1	.1	.3									18	18						
81/79				.5	.5	.5		.3	.3	.2								20	20						
77/77		.1	.1	.3	.1	.2	.1		.1									10	10						
76/75			.7	.3	.1	.2												12	12						
74/73		.1	.2	.1	.2													6	6						
71/71		.3	.2	.1														6	6						
71/69																		2	2						
67/67		.3																3	3						
66/65																			30	146					
64/63																			10	111					
62/61																			10	74					
61/59																			3	68					
58/57																				47					
58/55																				30					
54/53																				20					
52/51																				7					
51/49																				11					
48/47																				12					
48/45																				5					
42/41																				4					
Element (X)	ΣX ²	ΣX	X	σ _x	No. Obs.																Mean No. of Hours with Temperature				
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS JUN 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
42 / 39																				1
36 / 37																				4
71 / 35																				2
TOTAL		.9	1.5	1.9	2.7	4.2	6.2	11.5	10.7	11.4	13.8	12.8	7.9	6.1	3.8	2.8	1.8		886	886
																		886		886

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1818483	38037	42.9	4.478	886			90.0	88.9	85.4	37.9	90
Wet Bulb	4746096	64768	73.1	3.597	886			84.6	58.0	1.6		90
Dew Point	3679820	56810	64.1	6.482	886			34.9	5.1			90

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

94177 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
11/ 109																	.1	1	1					
12/ 107																	.4	3	3					
1/ 105																.5	10	10						
2/ 103															.2	.2	.2	6	6					
3/ 101												.2		.5	1.1	.2	.1	18	18					
4/ 99											.1	.2		.7	.4	.4		15	15					
5/ 97										.1	.5	.2	1.0	1.0	.5	.1		28	28					
6/ 95									.1	.2	.7	1.5	2.4	.9				48	48					
7/ 93								.2	.6	2.9	2.9	1.3	.1					67	67					
8/ 91							.1	.6	1.2	2.1	3.7	1.7	.2	.2				81	81					
9/ 89						.1	1.5	4.7	3.7	2.1	1.0	.1	.5		.1		112	112						
10/ 87					.5	1.1	2.8	2.4	2.0	1.7	.1	.6	.1	.2		.1	95	95						
11/ 85				.2	1.0	1.7	2.6	2.8	.7	.4	.1	.4		.1			82	82						
12/ 83			.2	.9	1.6	2.0	1.8	1.8	.4	.2	.1	.2					76	76						
1/ 81		.2	.4	1.1	.7	1.0	.9	.4			.4						41	41						
2/ 79		.2	.6	2.0	1.3	.7	.5	.2	.2	.1	.4						49	49	7					
3/ 77		1.0	.9	.6	.4	.4	.5			.1							31	31	35					
4/ 75		.7	.5	.4	.4	.1	.1			.1							19	19	99					
5/ 73	.1	.4	1.0	.5	.1		.1										18	18	230					
6/ 71		.6	.2	.1													8	8	199					
7/ 69		.1	.4		.1												5	5	120					
8/ 67		.4	.1														4	4	60					
9/ 65																			29	97				
10/ 63																			21	116				
11/ 61																			8	121				
12/ 59																			7	69				
1/ 57																			2	55				
2/ 55																				38				
3/ 53																				16				
4/ 51																				4				
5/ 49																				8				
6/ 47																				8				
7/ 45																				5				
8/ 43																				5				
Element (X)	Σ X ²	Σ X	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

9477-543Z

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 YEARS JUN MONTH

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
42 / 41																					4
36 / 37																					2
36 / 35																					2
TOTAL	.1	.9	4.3	3.3	5.5	5.9	7.3	1.3	4.0	0.2	2.6	8.6	6.4	4.0	2.6	1.6	1.6		817		817
																		817		817	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	1985199	38055	46.6	6.150	817							
Dry Bulb	6337308	71714	87.8	7.213	817			90.0	88.1	78.4	21.6	90
Wet Bulb	4202204	58524	71.6	3.495	817			82.6	40.9	.4		90
Dew Point	3300279	51679	63.3	6.198	817			29.4	3.1			90

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

0477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 722615 LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS JUN MONTH
PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
100/ 99														.3				2	2			
98/ 97													.1	.5	.3			7	7			
96/ 95										.1			.8	.5	.4			14	14			
94/ 93											1.2	.4	.1	.1			14	14				
92/ 91								.1	.1	.3	.7	.8		.3			17	17				
90/ 89							.1	.3	.5	1.7	.7	.5					29	29				
88/ 87						.1	.7	1.6	2.2	1.7	.5						52	52				
86/ 85					.5	1.2	2.1	2.8	3.0	.7	.4						81	81				
84/ 83				.4	.9	2.2	2.1	4.2	1.0								83	83				
82/ 81			.1	.7	2.1	3.3	3.1	1.7	.7								91	91				
80/ 79		.1	.5	.8	2.6	3.5	2.5	1.3		.3	.3	.1					92	92	1			
78/ 77		.3	1.7	2.6	3.0	2.2	1.0	.1		.1	.1						86	86	22			
76/ 75		.5	1.2	2.1	2.8	.7	.9	.4	.1								66	66	38			
74/ 73	.3	1.6	1.3	.8	.8	.8	.4		.1	.1							47	47	131			
72/ 71	.1	.7	.9	.8	.8	.5		.1	.1								31	31	186			
70/ 69	.4	.8	.7	1.0	.5	.3	.1		.3								31	31	172			
68/ 67	.1	.4	.8	.4	.1												14	14	98			
66/ 65		.3															2	2	53			
64/ 63			.3														2	2	26			
62/ 61			.1														1	1	20			
60/ 59																			8	72		
58/ 57																			4	42		
56/ 55																			3	20		
54/ 53																				9		
52/ 51																				7		
50/ 49																				3		
48/ 47																				5		
46/ 45																				3		
44/ 43																				4		
42/ 41																				3		
TOTAL	.9	4.6	7.6	9.6	14.2	14.8	13.1	12.6	8.3	5.0	2.8	2.8	1.3	1.7	.8		762	762	762			
Element (X)	Z _X ²	Z _X	I	C _X	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	2909312	45366	59.5	6.550	762	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	5006153	61561	80.8	6.557	762	89.4	80.4	51.4	8.4	90												
Wet Bulb	3747626	53362	70.0	3.758	762	76.5	22.7			90												
Dew Point	3174235	48991	64.3	5.671	762	33.7	8.5			90												

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX STATION NAME

70, 73-81 YEARS

JUN 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	
112/109																	.1	4	4			
106/107																	.2	18	18			
106/105														.0		.1	.1	26	26			
104/103													.0	.1	.1	.1	.1	28	28			
102/101										.0	.1	.0	.2	.2	.1	.0		46	46			
100/ 99									.1	.0	.1	.2	.3	.1	.1			59	59			
98/ 97								.0	.1	.2	.4	.4	.4	.2	.0			119	119			
96/ 95								.0	.1	.4	.6	1.0	.9	.4	.1	.0		234	234			
94/ 93							.1	.2	.6	1.7	1.1	.4	.1	.0				272	272			
92/ 91						.0	.1	.6	.7	1.5	1.4	.7	.1	.2	.0			349	349			
90/ 89					.0	.3	1.1	2.2	1.6	.8	.4	.2	.1	.0	.1			440	440			
88/ 87				.0	.5	.9	1.9	1.5	.9	.5	.2	.1	.1	.1				433	433			
86/ 85			.0	.3	1.4	1.6	1.8	1.4	.5	.2	.1	.0		.0				469	469			
84/ 83			.0	.2	1.0	1.8	1.5	1.8	.6	.2	.1	.1						479	479	2		
82/ 81			.2	.8	2.0	1.6	1.6	.6	.5	.1	.1	.1						477	477	13		
80/ 79		.1	.8	2.0	2.3	1.8	.7	.5	.1	.1	.1	.0			.1			554	554	70	2	
78/ 77		.3	1.6	3.0	2.1	1.1	.5	.2	.0	.1	.0							588	588	296	6	
76/ 75	.0	.7	2.6	2.3	1.8	.6	.3	.1	.0	.0								549	549	718	97	
74/ 73	.1	1.5	1.9	2.2	.6	.4	.1	.0	.0	.0								451	451	1509	316	
72/ 71	.4	1.2	1.6	1.1	.6	.2	.0	.1	.0									333	333	1349	715	
70/ 69	.2	.9	1.3	.7	.2	.1	.0		.0									216	216	985	930	
68/ 67	.2	.7	.8	.4	.1	.0	.1											149	149	659	974	
66/ 65	.0	.2	.4	.1	.1	.0												48	48	376	959	
64/ 63	.0	.1	.1	.1	.0	.0												38	38	201	783	
62/ 61	.0	.1	.1	.1	.0													23	23	110	559	
60/ 59		.1	.1	.0														14	14	62	383	
58/ 57		.1	.0	.1														11	11	39	275	
56/ 55		.1	.0															5	5	25	150	
54/ 53			.0															1	1	8	95	
52/ 51			.0															1	1	9	40	
50/ 49																				1	33	
48/ 47																				2	51	
46/ 45																					17	
44/ 43																					14	
Element (X)	Σ X²		Σ X		Σ	Σ X	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81
STATION STATION NAME YEARS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	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			
42/41																								16
40/39																								4
38/37																								6
36/35																								4
26/19																								5
TOTAL	1.1	6.0	11.8	13.1	11.2	9.7	7.8	8.9	7.5	6.2	5.8	4.2	2.5	1.9	1.1	.7	.5	6434	6434		6434			
Element (X)	ΣX²	ΣX	Σ	Σ₂	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	25764761	387875	60.3	9.241	6434	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb	43826765	528061	82.1	8.700	6434			704.2	626.1	418.1	90.2	720												
Wet Bulb	32588898	456800	71.0	8.193	6434			626.8	291.8	4.5		720												
Dew Point	27691830	420398	65.3	5.895	6434			380.2	87.1			720												

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

9477 34321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
96/ 95															.2			1	1																
94/ 93													.5	.2				4	4																
92/ 91									.2		1.1	.8						13	13																
90/ 89							.2	.3	.8	1.1	1.1	.2						23	23																
88/ 87						.5	1.4	1.4	1.5	1.1	.2	.3						41	41																
86/ 85					1.2	2.7	2.4	1.7	1.2		.3							63	63																
84/ 83				1.4	2.4	4.4	1.7	1.2	.2	.2								75	75																
82/ 81			.9	3.9	3.5	3.3	.6	.5										84	84																
80/ 79		1.1	3.6	4.4	2.9	1.5	.5											92	92																
78/ 77		3.0	5.3	3.2	1.5	.3												88	88																
76/ 75	1.2	4.5	3.2	2.1	.8													78	78	35															
74/ 73	3.3	4.7	1.2	.5														64	64	187	27														
72/ 71	.2	1.8	.6	.8														22	22	195	94														
70/ 69	.5	.8	1.1															15	15	158	148														
68/ 67			.3															2	2	64	129														
66/ 65																				22	88														
64/ 63																				3	69														
62/ 61																					36														
60/ 59																					25														
58/ 57																					25														
56/ 55																					14														
54/ 53																					3														
52/ 51																					3														
50/ 49																					3														
48/ 47																					1														
TOTAL	.6	7.1	15.2	14.9	15.3	12.2	12.6	6.6	5.0	3.8	2.3	2.6	1.7	.2	.2			665	665	665	665														

Element (X)	Σx^2	Σx	Σ	Σ^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3050253	43653	65.6	6.679	665							
Dry Bulb	4286489	53277	80.1	5.230	665			93.0	87.5	49.2	.7	93
Wet Bulb	3372127	47329	71.2	2.346	665			89.5	31.2			93
Dew Point	2962193	44279	66.6	4.572	665			55.7	3.8			93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 75-81
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																
90/ 89									.3			.3					.6															4	4			
88/ 87												.4																				7	7			
86/ 85						.3	.1	.1	.4	.3	.7																				14	14				
84/ 83					.7	.9	.9	.9	.7	.9	.1																				35	35				
82/ 81				.4	2.0	4.1	2.7	.7	.6	.4	.1																				78	78				
80/ 79			1.1	2.4	4.4	4.4	.6	.6	.3	.1																					98	98				
78/ 77			4.5	7.0	5.8	1.8	.4	.1																							139	139				
76/ 75		2.1	1.5	4.5	1.7	.1																									141	141	28			
74/ 73	.4	4.0	6.1	2.8	.4																										97	97	144	33		
72/ 71	1.0	3.3	1.6	1.6																											52	52	237	135		
70/ 69	.3	1.6	1.3	.1																											23	23	163	175		
68/ 67	.1	1.3	.6																												14	14	78	140		
66/ 65	.3																														2	2	44	82		
64/ 63																																9	9	62		
62/ 61																																1	1	28		
60/ 59																																		9		
58/ 57																																		10		
56/ 55																																		14		
54/ 53																																		13		
52/ 51																																		1		
50/ 49																																		1		
48/ 47																																		1		
TOTAL	2.1	12.2	26.7	18.9	15.1	11.6	4.7	2.4	2.3	1.7	1.3	1.0																					704	704	704	
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	3994378		51996		73.9		8.803		704		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total													
Dry Bulb	4181518		54180		77.0		4.099		704						92.7		81.0		24.7				93													
Wet Bulb	3521290		49758		70.7		2.515		704						85.9		22.7						93													
Dew Point	3210623		47885		67.8		4.323		704						63.8		4.8						93													

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

9477-34321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73-81 JUL 1960-0800
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

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
88/ 87							.1				.1							2	2		
86/ 85						.3	.1	.3	.2		.5							13	13		
84/ 83				.1	.5	.8	.8	.3	.6	.3	.1							31	31		
82/ 81			.3	2.6	2.2	1.0	.9	1.0	.5									75	75		
81/ 79			.5	4.0	4.5	3.9	1.1	.2	.3									128	128		
78/ 77			5.1	7.5	4.9	1.1	.2											166	166	2	
76/ 75		1.4	1.9	6.8	3.3	.6		.1										212	212	21	
74/ 73	.2	5.0	8.4	1.9	.2													140	140	198	32
72/ 71	.9	3.4	3.2	.8		.1												74	74	314	201
70/ 69	.3	1.0	1.0		.1													22	22	200	232
68/ 67	.5	.8	.6															16	16	91	191
66/ 65	.1	.1																2	2	45	106
64/ 63																				10	47
62/ 61																					29
60/ 59																					9
58/ 57																					12
56/ 55																					9
54/ 53																					11
52/ 51																					2
TOTAL	2.0	11.7	30.6	21.5	16.1	9.1	3.4	1.9	2.2	.8	.6	.1						881	881	881	881
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5240057	66959	76.0	3.097	881	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb	5162954	67366	76.5	3.660	881			92.8	81.0	20.3		93									
Wet Bulb	4423066	62388	70.8	2.398	881			87.2	23.3			93									
Dew Point	4079885	59859	67.9	3.814	881			69.2	3.4			93									

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

9477 94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 JUL 1990-1100
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb
100/ 99															.1			1	1	
98/ 97										.2					.1			3	3	
96/ 95										.3	.1	.2	.5	.1				12	12	
94/ 93									.4	.7	.4	.4	.3					21	21	
92/ 91								.1	1.0	1.2	1.5	.4	.2					41	41	
91/ 89						.5	3.5	2.6	1.6	.5	.5							86	86	
88/ 87					.4	2.9	3.6	1.4	.7	.4								87	87	
86/ 85					4.7	3.7	2.5	1.3	.4	.1								117	117	
84/ 83			.2	3.4	6.6	3.2	1.0											131	131	
82/ 81			.1	2.2	6.1	4.1	1.3	.2										129	129	
80/ 79		.1	.5	5.8	4.5	2.0												118	118	2
78/ 77			3.3	2.9	1.9	.1												75	75	29
76/ 75		.8	3.6	1.1	.5													55	55	216
74/ 73	.4	1.2	1.0															24	24	376
72/ 71	.2	.4	.2															8	8	200
70/ 69		.2																2	2	69
68/ 67	.1	.3	.1															5	5	21
66/ 65		.1																1	1	2
64/ 63																				1
62/ 61																				31
60/ 59																				14
58/ 57																				10
56/ 55																				8
54/ 53																				2
TOTAL	.8	3.2	8.8	12.2	16.4	17.9	11.7	10.9	6.8	5.1	3.2	1.7	1.1	.1	.1			916	916	916
Element (X)	Σ X ²	Σ X	Σ Y	Σ Z	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	3815443	57563	62.81	4.718	916	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	6372274	76242	83.2	5.369	916			92.9	91.4	70.6	3.8	93								
Wet Bulb	4913150	67058	73.2	2.093	916			92.7	63.3			93								
Dew Point	4308201	62735	68.5	3.562	916			72.6	5.7			93								

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION 70,73-81 JULI MONTH
 LAUGHLIN AFB TX STATION NAME YEARS

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
100/105															.1	.1	.1	3	3	
104/103												.1		.1	.1	.5	.1	9	9	
112/101											.2	.2	.4	1.1	.4		22	22		
120/99										.1	1.0	1.1	2.1	1.2	.1		51	51		
128/97										.5	1.5	2.8	1.7	.5	.1		67	67		
136/95									1.1	3.1	4.5	1.9	.6				105	105		
144/93						.2	1.5	2.4	4.7	2.5	.2	.1					107	107		
152/91						.1	1.3	3.9	5.0	1.8	.9						120	120		
160/89						1.4	4.9	4.4	1.6	.6							120	120		
168/87					.5	4.5	3.4	1.3	.6								96	96		
176/85				.2	2.5	2.5	1.9	.2									68	68		
184/83				2.1	2.1	.9	.1										47	47		
192/81			1.2	2.5	.9	.2											44	44	1	
200/79			.3	.5	.2	.4	.1										15	15	9	
208/77		.1	.1	.8	.1	.1											11	11	113	
216/75		.9	.3	.2													13	13	312	
224/73	.2	.3	.8	.1													13	13	321	
232/71		.1	.3	.1													5	5	129	
240/69	.1	.2	.2														5	5	29	
248/67																			4	
256/65	.2																2	2	5	
264/63	.1																1	1	1	
272/61																				
280/59																				
288/57																				
296/55																				
304/53																				
TOTAL	.6	1.6	2.1	2.9	5.1	6.5	9.7	11.8	11.4	10.7	10.9	10.7	6.3	5.1	3.0	1.3	.2	924	924	924
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	2361765	44425	48.1	5.643	924	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	7577917	83455	90.3	6.610	924			92.7	91.7	87.2	36.6	93								
Wet Bulb	5096118	68592	74.2	2.152	924			92.4	76.1	.5		93								
Dew Point	4129373	61639	66.7	4.355	924			52.9	5.6			93								

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70.73-81 JULI
 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	
104/105															.2	.8	1.2	20	20			
104/103														.1	.7	1.4	1.0	29	29			
102/101													.2	.9	3.9	1.8	.8	69	69			
100/99												.1	2.2	6.9	3.2	.5	.2	120	120			
98/97										.4	1.6	4.9	1.9	1.0	.1			91	91			
96/95									1.6	4.4	4.7	4.2	1.4	.1			150	150				
94/93							.1	1.0	2.4	4.2	1.6	.7						91	91			
92/91							.4	2.3	3.9	1.9	.4	.1						83	83			
90/89						.2	3.3	3.5	1.8	.3	.1							84	84			
88/87				.1	.4	1.1	2.4	1.0	.1									47	47			
86/85					1.6	2.0	.5	.1										39	39			
84/83				.1	.7	.5	.1	.2										15	15			
82/81				.4	.4	.4	.4											16	16			
80/79			.1	.9	.5													14	14	3		
78/77			.5	.3	.2													10	10	62		
76/75		.8	.5	.2														14	14	290	5	
74/73		.2	.7	.1														9	9	362	28	
72/71		.4	.1	.1														6	6	139	46	
70/69	.1	.1	.1															3	3	48	121	
68/67																			6	6	137	
66/65	.2																	2	2	2	123	
64/63																					122	
62/61																					117	
60/59																					86	
58/57																					68	
56/55																					35	
54/53																					12	
52/51																					7	
50/49																					2	
48/47																					3	
TOTAL	.3	1.5	2.1	2.2	2.0	3.1	3.8	7.0	7.9	9.9	11.2	8.7	12.3	11.2	9.1	4.6	3.2	912	912	912	912	
Element (X)	Σx²		Σx		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	1747531		37091		40.7	36.1	99	912	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total							
Dry Bulb	8015055		85253		93.5	7.0	81	912			92.8	91.9	87.7	58.1	93							
Wet Bulb	4975002		67334		73.8	2.0	03	912			92.8	73.1			93							
Dew Point	3787417		58593		64.2	5.0	26	912			34.4	3.4			93							

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

0477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 70, 73-81 JUL
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
100/105																.1	.3	4	4																
100/103																.1	.8	14	14																
100/101															.1	1.6	.6	31	31																
100/99													.3	2.2	3.4	.6	.1	57	57																
98/97												.1	2.2	3.6	2.1	.7		75	75																
96/95											1.2	3.3	5.1	2.0	.3			102	102																
94/93					.1				.2	.8	3.6	4.3	2.0	.5	.1			100	100																
92/91									.8	3.1	3.0	1.9	.7	.1				83	83																
90/89								1.4	2.9	3.8	2.1	.1	.2					91	91																
88/87							1.5	2.4	2.1	.9	.1	.3	.1					65	65																
86/85					.3	1.6	1.6	2.7	1.0	.2								65	65	1															
84/83				.1	.2	1.9	1.7	.9				.1						43	43																
82/81				.5	1.6	1.2	.6											33	33		1														
80/79			.1	1.2	.9	.6	.2											26	26																
78/77		.2	.6	.8	.7	.1												21	21	10															
76/75		1.0	.8	.2	.1													19	19	110	5														
74/73		.9	.8	.5														19	19	320	21														
72/71	.1	.3		.3														7	7	273	47														
70/69	.1	.3																4	4	115	60														
68/67																				24	117														
66/65																				5	94														
64/63																					114														
62/61																				1	106														
60/59																					102														
58/57																					77														
56/55																					52														
54/53																					21														
52/51																					10														
50/49																					7														
48/47																					5														
TOTAL	.2	2.9	2.3	3.6	4.1	5.4	5.7	7.5	7.1	9.0	10.0	10.1	10.7	8.6	7.6	3.5	1.7	859	859	859	859														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	1927498	37582	43.8	18.170	859	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	7062991	77635	90.4	7.359	859			93.0	91.8	83.9	41.5	93																							
Wet Bulb	4507668	62200	72.4	2.099	859			92.4	47.7	.1		93																							
Dew Point	3463803	54347	63.3	5.440	859			29.3	2.9	.1		93																							

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Poi.	
100/ 99															.1	.2		3	3			
98/ 97														.4	.5			7	7			
96/ 95											.1	.7	1.0	.4	.1			19	19			
94/ 93										.4	1.6	1.6	1.0		.1			38	38			
92/ 91								.1	.6	3.1	2.4	.7	.2					58	58			
90/ 89							.4	1.0	4.0	2.7	1.5	.2	.4					82	82			
88/ 87						.1	2.4	3.0	3.1	1.2	.5	.1						84	84			
86/ 85					.4	1.7	3.7	3.4	1.9	.9	.1							97	97			
84/ 83					1.0	1.6	3.0	3.7	1.5	.4								90	90			
82/ 81				.7	2.4	3.4	3.0	.7	.4	.1								86	86			
80/ 79			.4	2.0	3.6	2.1	1.0	.1		.1								75	75			
78/ 77		.2	.9	4.0	1.5	.4	.1											57	57			
76/ 75		.6	3.7	1.9	.6													55	55	36	2	
74/ 73		1.2	1.7	1.0														32	32	166	18	
72/ 71		.6	.5	.1														10	10	300	56	
70/ 69	.2	.9	.4															12	12	201	121	
68/ 67																				78	118	
66/ 65																				20	106	
64/ 63																				3	98	
62/ 61																				1	107	
60/ 59																					53	
58/ 57																					52	
56/ 55																					33	
54/ 53																					23	
52/ 51																					7	
50/ 49																					5	
48/ 47																					2	
46/ 45																					4	
TOTAL	.2	3.6	7.6	9.7	9.1	7.8	8.9	11.1	9.3	10.1	8.4	6.2	3.5	3.0	1.0	.5			805	805	805	
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	2678644		43942		54.6		18.662		805		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb	5705875		67591		84.0		6.176		805				93.0	90.5	69.7	7.7	93					
Wet Bulb	4063684		57168		71.0		2.183		805				90.2	23.3			93					
Dew Point	3342235		51689		64.2		5.382		805				36.4	2.3			93					

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

AI-A11b 094

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAUGHLIN AFB, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC (11)
APR 82

UNCLASSIFIED

USAFETAC/DS-82/026

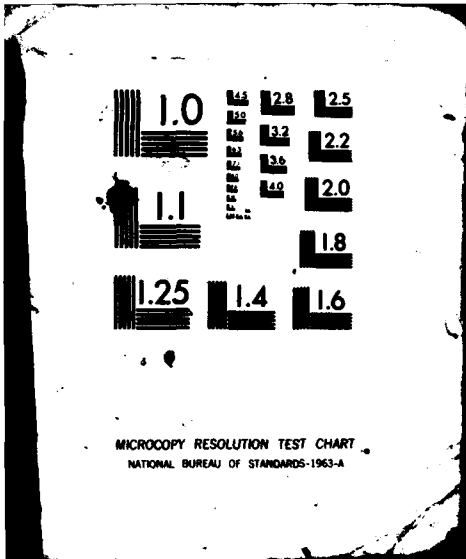
SB1-AD-E850 173

NL

5 7 5																			

END
DATE
FILMED
8 82
DTIC

ONE



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70.73-01 YEARS MONTH JUNE

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL P.S.W.S.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	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	.2	27	27		
104/103												.0		.0	.1	.2	.2	52	52		
102/101												.0	.1	.2	.9	.5	.2	122	122		
100/99											.0	.2	.5	1.5	1.1	.2	.0	232	232		
98/97										.0	.1	.5	1.4	1.0	.5	.1		243	243		
96/95										.0	1.2	1.7	1.7	.7	.1	.0		389	389		
94/93					.0				.0	.4	.9	1.8	1.4	.7	.2	.0	.0	361	361		
92/91						.0			.0	.3	1.1	1.9	1.5	.9	.3	.0		398	398		
90/89							.3	1.8	2.0	1.7	.9	.5	.1	.0				490	490		
88/87						.0	.2	1.5	2.0	1.3	.8	.9	.2	.1				429	429		
86/85					.1	1.7	1.8	1.8	1.0	.5	.3	.0						476	476	1	
84/83				.1	1.3	2.1	1.8	1.1	.5	.2	.0	.0						467	467		
82/81			.0	.9	2.7	2.4	1.5	.4	.3	.1	.0							545	545	1	1
80/79			.0	.5	2.5	2.8	1.9	.5	.2	.1	.0	.0						566	566	14	
78/77		.1	2.2	3.4	2.1	.6	.1	.0										567	567	217	
76/75		1.1	4.4	2.2	1.0	.2		.0										587	587	1048	23
74/73	.2	1.9	2.9	.9	.1	.0												398	398	2074	260
72/71	.3	1.2	.8	.4	.0	.0												184	184	1787	966
70/69	.2	.6	.5	.0	.0													86	86	983	1277
68/67	.1	.3	.2															37	37	366	1174
66/65	.1	.0																9	9	145	830
64/63	.0																	1	1	27	655
62/61																				3	516
60/59																					351
58/57																					282
56/55																					177
54/53																					90
52/51																					30
50/49																					18
48/47																					12
46/45																					4
TOTAL	.9	5.2	1.9	0.3	0.1	9.1	7.5	7.6	6.6	6.6	6.2	5.3	4.7	3.7	2.8	1.3	.7	6666	6666	6666	6666
Element (X)	S ₁	S ₂	S ₃	S ₄	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	2015565	381211	57.5	20.000	6666	<67 F	<70 F	<75 F	<80 F	<85 F											
Dry Bulb	88363073	568999	89.8	8.857	6666	782.9	708.6	505.6	159.2		749										
Wet Bulb	38872105	881027	72.3	2.599	6666	724.8	374.5	.7			749										
Dew Point	29281730	880586	66.1	8.952	6666	813.1	31.7	.1			749										

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 222615 LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 70-73-81 MONTHS ALL

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.S./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	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								2	2		
88/ 87								.6	.4	.3	.1							10	10		
86/ 85						.7	1.6	1.0	1.0	.6	.1							98	98		
84/ 83					.7	3.4	5.7	3.9	.3	.4								97	97		
82/ 81			.1	.6	3.3	8.1	5.5	1.0										125	125		
80/ 79			.9	2.1	6.7	6.3	1.8	.4										122	122		
78/ 77		.1	1.2	3.6	5.7	3.1	1.5											102	102	2	
76/ 75		.3	3.7	4.6	3.9	1.0	.1											92	92	31 4	
74/ 73		.8	2.8	2.8	.6	.7												87	87	128 17	
72/ 71		.3	1.6	.6														17	17	236 38	
70/ 69		.1	.1															2	2	169 121	
68/ 67		.3	.1															3	3	87 165	
66/ 65																				18 172	
64/ 63																			4	4	79
62/ 61																					80
60/ 59																					19
58/ 57																					11
56/ 55																					3
TOTAL		1.6	10.3	10.3	10.9	23.5	16.3	8.1	1.9	1.5	.4							669	669	869	

Element (Z)	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 67 F	≤ 70 F	≤ 73 F	≤ 76 F	≥ 90 F	
Dry Bulb	222615	83630	85.2	11.282	889			23.0	22.9	22.7	93
Wet Bulb	222615	87000	78.9	2.282	889			20.5	22.1		93
Dew Point	222615	88875	65.5	1.311	889			25.5	2.0		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

70, 71, 75-81 YEARS

AMS

PAGE 1 0100-0500
HOURS (L. S. V.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.S./W.S.	TOTAL			
	0	1-3	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Snow Pate
88/ 87																		1	1		
86/ 85																		4	4		
84/ 83																		16	16		
82/ 81																		50	50		
80/ 79																		117	117		
78/ 77																		172	172		
76/ 75																		155	155	10	1
74/ 73																		106	106	118	13
72/ 71																		60	60	233	72
70/ 69																		20	20	188	186
68/ 67																		2	2	118	220
66/ 65																		1	1	26	139
64/ 63																				10	64
62/ 61																					30
60/ 59																				1	12
58/ 57																					3
56/ 55																					3
54/ 53																					1
TOTAL																		704	704	704	704

Element (Z)	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Num.	1857120	51692	71.0	9.174	704	≥ 67 F	≥ 68 F	≥ 69 F	≥ 70 F	≥ 71 F	
Dry Bulb	8121666	82817	78.9	2.224	704					14.1	91
Wet Bulb	2886649	88816	70.2	2.248	704						91
Snow Pate	1185247	87287	47.2	2.027	704						91

UNREPLACED FORM 0-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUREL IN AFB TX

70-73-81

AUG

PAGE 1 0600-0900
MOON (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb
88/ 87								.1	.2								3	3		
86/ 85								.2									2	2		
84/ 83					.1	1.0	1.0	.1									20	20		
82/ 81				.2	2.5	2.8	.6	.1									55	55		
80/ 79			.1	3.2	6.7	1.7	.7	.1									110	110		
78/ 77		.2	2.8	1.0	5.5	1.0		.1									188	188		
76/ 75	.1	1.1	9.2	1.0	3.8	.9	.2										235	235	14	1
74/ 73	.1	1.0	8.0	5.7	.6												137	137	151	18
72/ 71	.3	1.8	4.5	2.9	.5												93	93	325	98
70/ 69	.1	.8	2.7	.6		.2											39	39	235	243
68/ 67		.1	.6	.1													7	7	107	257
66/ 65		.1	.1														2	2	38	185
64/ 63																			11	56
62/ 61																			6	26
60/ 59																				14
58/ 57																				3
56/ 55																				6
TOTAL	.7	5.2	28.1	138.8	19.6	8.1	2.5	.8	.2								887	887	887	887

UNANTIC FORM 0-24-3 (O.A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Station (S)	S ₁	S ₂	S ₃	S ₄	No. Obs.	Mean No. of Hours with Temperature					Total	
Wet Bulb	81.8884	47280	78.8	2.011	887	00P	05P	07P	09P	09P	09P	93
Dry Bulb	81.8884	47281	78.8	2.260	887			02.8	78.2	13.8		93
Wet Bulb	81.8884	47282	78.8	2.012	887			02.8	17.2			93
Dew Point	81.8884	47283	67.2	2.010	887			04.0	2.0			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGH LIN AFB TX STATION NAME 70-73-81 YEARS AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb
98/ 97											.1		.1				2	2	
96/ 95											.1	.1	.2				4	4	
94/ 93								.1	1.1	.2		.1					14	14	
92/ 91						.2	.2	.5	1.8	.2	.2						26	26	
90/ 89					.1	.5	1.9	3.5	.3	.2	.1						62	62	
88/ 87					.8	3.8	5.8	1.8	.8								106	106	
86/ 85				.1	4.1	8.1	3.0	.5									147	147	
84/ 83			.1	2.6	8.1	5.3	1.3	.3	.1								165	165	
82/ 81			.1	1.1	9.0	6.1	1.8	.1									167	167	
80/ 79		.1	.4	3.8	8.2	2.8	.2	.1									141	141	3
78/ 77		.1	.3	2.4	2.5												49	49	32
76/ 75	.1	.3	.9	1.2	.2												25	25	193
74/ 73		.4	.4	.2													10	10	432
72/ 71		.1	.2														3	3	199
70/ 69			.3														3	3	55
68/ 67																			9
66/ 65																			1
64/ 63																			
62/ 61																			
60/ 59																			
58/ 57																			
56/ 55																			
TOTAL	.1	1.1	2.6	8.8	22.6	21.2	20.0	12.1	6.4	3.5	.9	.5	.2				924	924	924

Element (F)	W ²	W ³	W ⁴	W ⁵	No. Obs.	Mean No. of Hours with Temperature					Total
	≥ 67 F	≥ 70 F	≥ 73 F	≥ 76 F	≥ 79 F	≥ 67 F	≥ 70 F	≥ 73 F	≥ 76 F	≥ 79 F	
Dry Bulb	348908	27027	11,710,483		924	89 F	82 F				
Wet Bulb	288931	77108	13,800,240		924	83.8	82.9	77.7	2.0		93
Dew Point	288931	47751	72,300,878		924	82.8	84.8	.2			93
Wet Bulb	288931	47751	72,300,878		924	82.8	84.8	.2			93

USAFETAC FORM 0-24-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70-73-01 YEARS AUG MONTH

PAGE 1 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																		
104/103															.1		.1															2	2					
102/101															.2	.3	.2															7	7					
100/ 99															.9	1.2	1.0	.5														33	33					
98/ 97															1.3	1.7	1.5	.5															88	88				
96/ 95															1.2	3.2	4.5	2.0	.2														104	104				
94/ 93															.2	1.7	3.5	6.8	2.6	.3													150	150				
92/ 91											.2	1.6	4.2	8.6	2.9	1.0	.3																175	175				
90/ 89										1.0	3.6	6.2	9.9	1.0	.2																		157	157				
88/ 87								.4	1.6	3.8	4.3	1.4	.5																				112	112				
86/ 85						.1	1.8	1.8	1.9	.8																								57	57			
84/ 83					.6	1.4	1.0	.2																										30	30			
82/ 81				.2	.6	1.1	.2	.1																										21	21			
80/ 79				.2	1.0	.3																												14	14	9		
78/ 77			.4	.4	.3																													11	11	102		
76/ 75	.2		.2																															4	4	281	5	
74/ 73		.1	.2	.2																														5	5	348	29	
72/ 71																																					151	65
70/ 69																																				31	167	
68/ 67																																				8	205	
66/ 65																																						210
64/ 63																																						123
62/ 61																																						68
60/ 59																																						28
58/ 57																																						16
56/ 55																																						13
50/ 49																																						1
TOTAL	.2	.1	.9	1.1	2.7	5.1	5.8	12.5	16.9	19.6	15.7	10.9	5.6	2.2	.8	.2																				930	930	930

Element (X)	1	2	3	4	No. Obs.	Mean No. of Hours with Temperature					Total	
	≤ 60 F	≤ 70 F	≤ 80 F	≤ 90 F		≤ 60 F	≤ 70 F	≤ 80 F	≤ 90 F			
Dry Bulb	708810	68810	50.8	3.821	930			93.0	92.0	90.5	30.0	93
Wet Bulb	610880	68810	78.1	2.081	930			93.0	78.0			93
Dew Point	610881	61707	66.8	3.587	930			87.0	78.0			93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEARS AIR MONTHS

PAGE 1 1500-1700
 MONTHS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
108/107																.1	.1	1	1																
106/105															.1	.3	.2	2	2																
104/103														.5	2.1	2.2	.8	13	13																
102/101																		48	48																
100/99											.4	2.2	3.6	1.2	.4	.3	75	75																	
98/97									.1	.9	3.2	7.6	3.5	1.1			150	150																	
96/95								.3	.8	2.9	9.3	4.8	1.7				182	182																	
94/93							.2	1.1	3.8	6.2	5.1	2.0	.8				172	172																	
92/91						.1	.4	.9	4.0	4.4	2.0	.7					114	114																	
90/89						.1	.1	.3	2.1	2.3	.9	.4					57	57																	
88/87						.3	.4	2.1	.4	.5							35	35																	
86/85						.7	.8	.3									16	16																	
84/83						.8	1.0										16	16																	
82/81					.3	1.0	.3										15	15																	
80/79			.3	.1		.1											5	5	12																
78/77		.1	.1	.2	.1												5	5	58																
76/75		.2	.3	.4													9	9	206	6															
74/73	.1	.1															2	2	188	18															
72/71																			180	18															
70/69																			65	67															
68/67																			8	116															
66/65																				149															
64/63																				180															
62/61																				179															
60/59																				82															
58/57																				53															
56/55																				31															
54/53																				11															
52/51																				3															
50/49																				3															
48/47																				1															
TOTAL	.1	.4	.8	.8	.4	2.9	2.7	3.4	4.8	11.5	12.0	7.8	1.8	4.9	1.7	.7	917	917	917	917															

Element (X)	Σ ₁	Σ ₂	Σ ₃	Σ ₄	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	1430380	30885	17.8	1.371	917	< 60 F	< 50 F	< 40 F	< 30 F	< 20 F	< 10 F	Total
Dry Bulb	8130379	80270	98.0	8.079	917			93.0	93.0	91.1	65.2	93
Wet Bulb	8260325	8787	73.6	2.891	917			93.0	67.3	.2		93
Dew Point	1720338	6834	63.6	8.277	917			28.8	2.8			93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70, 73-81 YEARS AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Point
104/103															.2			2	2		
102/101															.2	.8	.2	11	11		
100/ 99													.6	1.5	.9	.3		29	29		
98/ 97												.6	2.7	2.9	.7	.2		61	61		
96/ 95									.2	.2	4.3	5.1	1.4	.3			100	100			
94/ 93								.5	.5	4.5	5.8	2.7	.6				125	125			
92/ 91							.2	.7	3.1	6.1	3.0	.7	.1				120	120			
90/ 89						.1	.8	2.1	5.2	4.2	1.4	.2					121	121			
98/ 87					.1	1.4	2.7	3.1	2.4	1.4							96	96			
86/ 85				.1	.7	1.2	1.9	1.3	1.3	.1							56	56			
84/ 83				.6	.7	1.7	.5	.2	.3								35	35			
82/ 81			.3	.8	2.0	.9	.1										36	36			
80/ 79			.1	.8	1.0	1.2	.2	.1									30	30			
78/ 77			.7	.8	.5	.3											20	20	16		
76/ 75			.5	.7	.2												12	12	85	1	
74/ 73			.1	.1													2	2	291	8	
72/ 71	.2	.1															3	3	304	38	
70/ 69																			115	60	
68/ 67																			44	84	
66/ 65																		4	123		
64/ 63																				137	
62/ 61																				181	
60/ 59																				112	
58/ 57																				65	
56/ 55																				28	
54/ 53																				13	
52/ 51																				7	
50/ 49																				1	
48/ 47																				1	
TOTAL	.2	.1	1.3	2.8	3.4	5.0	5.6	6.3	7.9	11.2	6.5	15.1	2.0	6.8	3.0	.8		859	859	859	

Element (X)	S ₁	S ₂	S ₃	S ₄	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Num.	1698573	14551	82, 131, 668	889	889	≥ 67 F	≥ 70 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Dry Bulb	7018868	77868	90.2	5, 796	889	83.0	82.7	87.6	35.5		93
Wet Bulb	8978287	61297	72.2	2, 079	889	82.8	82.8				93
Dew Point	1037120	80284	63.1	8, 389	889	78.7	78.8				93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70.73-81 YEARS AUG MONTHS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.S./W.B.	Dry Bulb	Wet Bulb	Dew Point																				
96/ 95													.1																					1	1						
94/ 93												.4	.9																						12	12					
92/ 91									.1	.9	2.8	1.0																							38	38					
90/ 89									.1	1.4	1.9	3.3	.4																						56	56					
88/ 87								.1	.3	3.7	5.2	4.7	1.0	.1																					119	119					
86/ 85						.1	1.1	2.5	7.6	4.8	1.9	.9																								146	146				
84/ 83				.1	.8	1.9	4.2	4.9	2.9	.5																										121	121				
82/ 81				.9	1.0	3.7	4.2	1.9	.9	.1																										100	100				
80/ 79			.4	.5	3.3	3.3	1.5	.9	.3																											80	80				
78/ 77			.4	2.6	3.0	1.9	.6	.1																												66	66	3			
76/ 75		.1	1.5	2.1	1.0	.3																														40	41	41	3		
74/ 73		.1	.3	1.0																																11	11	164	15		
72/ 71	.1		.1	.1																																3	3	281	32		
70/ 69		.1																																		1	1	204	74		
68/ 67																																						79	142		
66/ 65																																						22	144		
64/ 63																																							137		
62/ 61																																							119		
60/ 59																																							77		
58/ 57																																							29		
56/ 55																																							17		
54/ 53																																							5		
TOTAL	.1	.5	2.6	7.4	9.2	11.7	13.2	19.1	15.5	9.9	7.8	2.4	.4																									794	795	794	794

Element (X)	\bar{X}_1	\bar{X}_2	\bar{X}_3	\bar{X}_4	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	2434918	42758	83.9	2.991	794	≤ 6 F	≤ 22 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	585924	66538	83.7	4.557	795			93.0	92.5	74.9	1.5	93
Wet Bulb	4013141	54421	71.1	2.221	794			88.8	29.4			93
Dew Point	3319118	51238	68.5	3.998	794			31.2	2.1			93

9477-543E
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC FORM 0-26-3 (OL A) JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 70-73-81 YEARS AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		31	Dry Bulb	Wet Bulb
108/107																	.0	1	1	
106/105																	.0	2	2	
104/103															.0	.1	.0	17	17	
102/101														.1	.4	.1	.0	66	66	
100/99												.2	.5	.8	.4	.1	.0	137	137	
98/97											.3	.7	1.6	.9	.2	.0	.0	261	261	
96/95								.0	.3	.9	2.5	1.6	.9	.4	.0			391	391	
94/93							.1	.5	1.3	2.5	1.9	.7	.2					473	473	
92/91						.1	.4	.9	2.5	2.2	.9	.2	.0					475	475	
90/89					.0	.2	1.1	2.1	1.8	1.2	.3	.0						455	455	
88/87				.2	1.0	2.4	1.9	1.2	.4									482	482	
86/85			.1	1.2	2.1	2.2	1.0	.8	.1	.0								476	476	
84/83			.0	.7	2.3	2.6	1.3	.4	.2									500	500	
82/81		.0	.3	1.7	4.1	2.3	.6	.2	.0									569	569	
80/79		.0	.3	1.7	4.1	2.3	.6	.2	.0									619	619	24
78/77		.2	1.0	3.5	3.2	.9	.2	.0										609	609	213
76/75	.1	.4	2.7	3.4	1.6	.4	.0											572	573	861 29
74/73	.0	.5	2.1	1.9	.2	.1	.0											320	320	2018 160
72/71	.1	.4	1.2	.8	.1	.1												179	179	1909 498
70/69	.0	.2	.6	.1	.0	.0												65	65	1062 1207
68/67		.1	.1	.0														12	12	460 1458
66/65		.0	.0															3	3	105 1186
64/63																				25 805
62/61																			6 659	
60/59																			1 350	
58/57																				183
56/55																				102
54/53																				30
52/51																				10
50/49																				5
48/47																				2
TOTAL	.2	1.7	8.0	11.9	12.5	10.8	8.4	8.1	7.0	7.7	7.5	6.4	4.8	2.8	1.2	.9	.1	6684	6684	6684

Station (Z)	3 rd	5 th	1 st	4 th	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	2119AAT4	178820	56.2	7.574	6684	60 F	65 F	70 F	75 F	80 F	85 F	Total
Dry Bulb	2119AAT4	6684	66.7	7.822	6684			743.7	718.2	518.1	150.0	789
Wet Bulb	2119AAT4	6684	72.1	2.891	6684			728.8	386.8	.0		789
Dew Point	2119AAT4	6684	68.9	2.842	6684			573.1	21.0			789

9477-10381
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC FORM JUN 71 0-26-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGH LN AFB TX STATION NAME

69-70, 73-80 YEARS

SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb
88/ 87								.4									2	2		
86/ 85							.4	.7		.2							7	7		
84/ 83						1.5	1.1	1.1	.7								24	24		
82/ 81				.7	2.0	2.0	2.0	.9	.2	.2							44	44		
80/ 79			.6	1.8	3.5	3.7	.9	1.7	.7	.4							72	74		
78/ 77			.9	5.5	4.8	2.8	1.5	.7	.2								87	88		
76/ 75			3.5	4.4	2.4	.7	.9	.2	.4								68	68	9	2
74/ 73	.4	.9	4.4	4.0	1.3	.6	.4	.4									67	67	66	8
72/ 71	.6	1.5	4.0	1.8	1.1	.7	.7	.4									59	59	107	32
70/ 69		.2	1.8	.2	.7	.4	.7	.4									24	24	109	90
68/ 67		.4	1.1	.9	1.8	1.5	1.8	.2	.4								44	44	81	88
66/ 65		.2		.6		.7	.2										9	9	36	82
64/ 63		.7	1.8		.4	.6	.4										21	21	29	47
62/ 61		.6	.4		.2	.2	.2	.2									9	9	22	36
60/ 59		.4		.4	.2												5	5	36	27
58/ 57					.4												2	2	17	33
56/ 55																			16	22
54/ 53																			9	18
52/ 51																			3	13
50/ 49																			4	9
48/ 47																				15
46/ 45																				10
44/ 43																				5
42/ 41																				1
40/ 39																				4
38/ 37																				1
36/ 35																				1
TOTAL	.9	4.8	8.6	20.9	8.8	14.9	11.2	6.4	3.3	.7							544	547	544	544

Element (K)	Σ ₁	Σ ₂	Σ ₃	Σ ₄	No. Obs.	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb	2632811	37063	68.1	8.083	588			82.8	61.5	19.4		90
Wet Bulb	3069066	40858	79.7	8.708	587			61.5	12.8			90
Dew Point	218588	38288	62.9	7.818	588			34.8	1.7			90

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

9477-5482E

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
 STATION

LAUGHLIN AFB TX
 STATION NAME

69-70, 75-80
 YEARS

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					.6	.5	.2											8	8			
80/ 79			.2	1.1	1.6	1.7	.2											30	30			
78/ 77			2.7	5.5	3.4	2.0	.6		.2									92	93			
76/ 75		.3	6.7	6.1	4.9	1.3		.3										125	127	2		
74/ 73	.5	1.1	9.6	5.0	.2	.9			.2									111	111	60	13	
72/ 71	.2	2.7	6.9	1.7	.3	.5												79	79	121	35	
70/ 69		1.6	3.1	1.4	.5	.2	.2											45	45	142	140	
68/ 67		.5	2.5	.5	1.4	.5	.2											35	35	109	102	
66/ 65		.3	.6	1.4	.9	.3												23	23	40	97	
64/ 63		.8	1.4	2.2	.6	.2	.2											34	34	29	63	
62/ 61		.3	.5	.2	.3	.5												11	11	20	32	
60/ 59		1.1	.5	.3	.9	.2												19	19	32	23	
58/ 57		.6	.3	.6	.9	.3												18	18	36	19	
56/ 55		.2	.2	.3														4	4	14	37	
54/ 53					.2													1	1	11	19	
52/ 51		.3																2	2	10	14	
50/ 49		.2																1	1	9	6	
48/ 47																				2	9	
46/ 45																				1	13	
44/ 43																					9	
42/ 41																					3	
40/ 39																					1	
38/ 37																					3	
TOTAL	.6	9.9	35.1	26.3	16.8	8.9	1.9	.6	.3									638	641		638	
Element (X)	S _g ¹	S _g	X	°s	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Rel. Hum.	3761368	48880	76.0	1.030	638																	
Dry Bulb	3332839	46067	71.9	5.879	641			79.1	51.8	2.5		90										
Wet Bulb	2861288	42558	66.7	5.936	638			61.2	8.7			90										
Dew Point	2620925	40633	63.7	7.207	638			60.9	1.8			90										

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.1	.6	.1			.1									8	9		
80/ 79			.1	2.4	1.0	.5												34	34		
78/ 77			2.4	4.5	2.3	.5	.1											82	82		
76/ 75		.7	1.5	5.3	2.5	.5	.1											174	175	4	
74/ 73	.5	2.4	10.0	4.3	1.7	.4	.1											162	163	95	15
72/ 71	.1	2.3	6.8	1.5	1.1	.2	.4											104	104	194	97
70/ 69		1.9	3.4	1.1	1.0	.1	.1	.2										66	66	152	182
68/ 67		.6	2.7	1.5	.4	.4	.1	.2										50	50	100	132
66/ 65		.6	1.0	1.2	.5	.1	.1											29	29	67	94
64/ 63		1.2	1.7	1.1	.6	.1												39	39	45	62
62/ 61		.2	1.8	1.0	.4													28	28	36	48
60/ 59		.8	.8	.5	.5	.2												24	24	39	34
58/ 57		.7	.6	.4	.1	.2												17	17	35	38
56/ 55		.4	.1	.4	.4													10	10	34	41
54/ 53		.4		.2	.2													7	7	11	25
52/ 51		.4	.2	.1														6	6	8	27
50/ 49		.2																2	2	15	8
48/ 47																				5	8
46/ 45																				2	13
44/ 43																					10
42/ 41																					5
40/ 39																					3
TOTAL	.6	12.7	43.1	25.5	12.9	3.3	1.1	.6	.1									842	845	842	842
Element (X)		X	X	X	X	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	5270066	66094	78.5	9.870	842	± 0 F	± 2 F	± 6 F	± 7 F	± 8 F	± 9 F	Total									
Dry Bulb	4325428	60238	71.3	6.081	845			72.7	49.3	1.5		90									
Wet Bulb	3783855	56207	66.8	6.150	842			58.3	10.6			90									
Dew Point	3504689	53987	64.1	7.165	842			65.8	3.6			90									

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 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	
96/ 95														.1				1	1			
94/ 93								.3		.1	.1							2	2			
92/ 91								.3		.2	.1							6	7			
90/ 89						.2	1.4	.9	.1			.1						24	25			
88/ 87						.1	1.5	.8	1.1	.2	.1							34	35			
86/ 85						3.1	1.9	1.8	.5	.3		.1						68	68			
84/ 83					1.4	4.4	2.7	1.2	.7	.1	.1							94	94			
82/ 81				1.2	5.1	4.5	1.9	.9	.3	.1	.2							127	127			
80/ 79		.1	4.9	6.4	2.7	.6	.8	.1	.2	.2								141	141			
78/ 77		1.6	5.8	2.5	1.7	.6	.7	.2	.2									117	117	11		
76/ 75	.6	2.0	2.7	1.9	1.1	.7	.5	.3	.1									88	88	98	1	
74/ 73	.3	.6	.8	1.2	.5	.5	.8	.3	.1									46	46	237	32	
72/ 71	.9	1.2	.6	.9	.3	.2	.2	.1	.1									41	41	191	123	
70/ 69	.1	.5	.5	1.1	.6	.1	.7											31	31	87	206	
68/ 67	.5	.1	.2	.2	.3	.2	.1											15	15	63	138	
66/ 65	.5	.1	1.0	.6	.1													20	20	51	107	
64/ 63	.1	.3		.3														7	7	36	34	
62/ 61	.1	.2	.2															5	5	30	59	
60/ 59	.3	.2	.1															6	6	30	21	
58/ 57	.3																	3	3	27	43	
56/ 55		.1																1	1	11	37	
54/ 53		.1																1	1	4	12	
52/ 51																				2	16	
50/ 49	.3																	3	3	2	18	
48/ 47																				1	17	
46/ 45																					6	
44/ 43																					6	
42/ 41																					2	
38/ 37																					3	
TOTAL	.1	3.6	7.6	17.9	21.7	19.8	11.2	10.0	5.1	1.7	1.0	.3	.1	.1				881	881	881	881	
Element (X)	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	3831255		56891		68.633.378		881		± 6 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb	5500242		69598		78.6		6.927		881				85.3		76.5		49.7		.3		90	
Wet Bulb	4315417		61981		69.8		5.323		881				70.2		35.3						90	
Dew Point	3774821		57383		65.1		6.913		881				61.1		3.9						90	

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

9477-3431

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
STATION STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

PAGE 1 1200-1800
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
100/ 99											.2	.1	.3	.1	.1	.1	7	7		
98/ 97											.6	.6	.7	.6	.3	.1	22	22		
96/ 95										.6	1.0	.6	.6	.4	.1	.1	29	29		
94/ 93								.9	1.1	2.5	1.5	.3			.1	.1	58	59		
92/ 91							.4	2.6	3.4	1.6	.3	.2	.3				79	79		
90/ 89						.3	2.2	3.8	3.1	.7	1.0	.3	.1				104	104		
88/ 87					.3	2.7	5.4	3.6	1.2	1.7	.2	.1	.1				137	137		
86/ 85				.2	2.6	5.2	2.0	1.2	1.3	.3	.3	.1	.1				120	120		
84/ 83			.1	.8	2.9	2.4	1.6	.8	.6	.3	.6	.1	.1				91	91		
82/ 81			.6	1.6	3.0	1.2	.7	.4	.6	.2							75	75		
80/ 79		.1	.1	.8	1.0	.4	.6	.3	.4	.4	.2						40	40	2	
78/ 77	.2	.1	.6	.3	.2	.2	.3	.4									26	26	40	
76/ 75	.2	.7	.1	.4	.2	.7	.4	.2	.3	.1							31	31	163	
74/ 73	.2	.4	.2	.1	.8	.3	.1	.3									23	23	267	
72/ 71		.6		.2	.2	.6	.2										16	16	132	
70/ 69		.1	.2		.2	.3											8	8	78	
68/ 67			.1	.2	.2												5	5	58	
66/ 65	.3																3	3	35	
64/ 63	.2	.3															5	5	43	
62/ 61	.3	.2		.2													7	7	25	
60/ 59	.3		.1														4	4	23	
58/ 57																			20	
56/ 55																			4	
54/ 53		.2															2	2	18	
52/ 51																			21	
50/ 49	.1																1	1	3	
48/ 47																			13	
46/ 45																			9	
44/ 43																			6	
42/ 41																			6	
40/ 39																			4	
36/ 35																			3	
TOTAL		2.0	2.8	2.1	4.9	1.8	4.3	1.0	4.7	2.7	9.1	5.8	2.9	1.9	.6	.2	.2	893	894	893
Element (X)	ΣX^2	ΣX	ΣX	ΣX	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	2827198	44810	50.2	4.161	893	= 67 F	= 72 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
Dry Bulb	6593377	76203	85.2	7.329	893			87.8	89.9	74.8	11.8	90								
Wet Bulb	6523873	63803	71.0	8.996	893			78.8	87.6			90								
Dew Point	3655663	56783	63.6	7.088	893			38.8	2.8			90								

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

9477-543E

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX STATION NAME

69-70, 73-80 YEARS

SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb	Dew Point			
104/103														.1	.1	.1	.1	4	4					
102/101														.1	.3	.1	.2	7	7					
100/ 99														1.1	.7	.8	.2	25	25					
98/ 97									.1	.1	.2	.3	.7	1.4	.9	.2	.2	37	37					
96/ 95										.6	1.9	2.2	1.4	1.5			.1	67	67					
94/ 93									.1	.2	1.4	3.2	2.3	.8	.5	.2		76	76					
92/ 91								.5	1.4	3.4	4.4	1.6	1.1	1.3	.1			121	121					
90/ 89								.3	1.8	3.8	5.0	2.3	.8	.8	.5	.1		132	132					
88/ 87						.2	1.3	4.1	3.0	1.3	1.1	.8	.2	.3	.2			110	110					
86/ 85					.2	.3	1.5	2.5	.3	.7	.6	.2	.7	.1	.1			64	64					
84/ 83				.2	.6	.9	1.5	1.0	.8	.5	.6	.2		.1				56	56					
82/ 81				.2	.6	.9	.7	.2	.5	.1		.3						31	31		1			
80/ 79			.1	.3	.6	.2	.3	.2	1.0	.3	.2	.7						36	36		4			
78/ 77		.1	.2	.7	.3	.1	.3	.5	.1	.2	.1							28	28		15			
76/ 75		.3	.5	.7	.6	.3	.5	.2	.1									28	28	106	5			
74/ 73			.3	1.3	.1	.5	.2	.3										28	28	237	16			
72/ 71			.2	.2	.2	.2	.5											12	12	179	33			
70/ 69				.1														1	1	99	70			
68/ 67			.3	.1														4	4	66	115			
66/ 65		.1	.2															3	3	48	135			
64/ 63		.2	.3		.2													7	7	42	119			
62/ 61		.3		.1														4	4	25	69			
60/ 59																					73			
58/ 57		.1																1	1	7	53			
56/ 55		.2																2	2	6	48			
54/ 53			.2	.1														3	3		45			
52/ 51																					30			
50/ 49																				1	18			
48/ 47																					10			
46/ 45																					11			
44/ 43																					7			
42/ 41																					12			
40/ 39																					5			
38/ 37																					1			
Element (H)	2 ^g	3 ^g	4 ^g	5 ^g	6 ^g	7 ^g	8 ^g	9 ^g	10 ^g	11 ^g	12 ^g	13 ^g	14 ^g	15 ^g	16 ^g	17 ^g	18 ^g	Mean No. of Hours with Temperature						
Rel. Hum.																		≤ 6 F	≤ 20 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGH IN AFB TX STATION NAME

69-70, 73-80 YEARS

SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Point							
36/ 35																					3							
34/ 33																					1							
TOTAL		1.5	2.5	4.0	3.5	3.8	6.6	11.7	11.0	13.7	14.7	9.4	5.8	6.8	2.8	1.3	.9	879	879	879								
Element (H)	S _m ²	S _g	S	C _g	No. Obs.																	Mean No. of Hours with Temperature						
Rel. Hum.	1006308	70020	88.8	15.589	879																	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	8788756	76918	87.5	7.889	879																			88.0	88.2	78.8	22.1	90
Wet Bulb	8812258	62180	70.7	8.492	879																			78.8	39.2	.1		90
Dew Point	3388888	88208	61.7	7.272	879																			28.8	2.2			90

9477-54321
 USARFAC FORM 0-24-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 68-70, 73-80 YEAR SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb
102/101															.2		2	2		
100/ 99																.2	2	2		
98/ 97												.1	.2	.5	.5	.1	12	12		
96/ 95											.2	.4	.7	.9	.4		22	22		
94/ 93								.1	.1	1.0	1.1	.9	.5				30	30		
92/ 91								.1	1.1	2.5	1.3	1.5			.1		54	54		
90/ 89							.1	.4	1.6	2.6	2.1	1.0	.6	.4			71	71		
88/ 87						.4	.7	2.5	3.7	1.3	2.3	1.1		.1			99	99		
86/ 85				.5	.6	1.8	4.7	1.8	.9	.5	.4			.4			94	94		
84/ 83			.1	.8	1.5	2.6	2.9	.6	.7	.6	.1	.1	.1				80	80		
82/ 81			.2	.5	1.7	1.6	3.6	.4	1.1	.7	.4	.2	.1				86	86		
80/ 79			.5	1.3	2.0	.8	1.0	1.2	.8	.1	.5						68	68		
78/ 77		.1	.7	1.3	1.0	1.0	.6	.7	.2	.6	.1						53	53	19	
76/ 75		.6	1.2	1.6	1.0	.6	.5	.8	.6	.8	.1						57	57	80	
74/ 73	.1	.2	.9	1.0	.4	.4	.2	.2	.4	.1							32	32	158	
72/ 71		.6	.7	.5	.9	.8	.1		.1								27	27	198	
70/ 69			.2	.1	.2		.2		.2								7	7	136	
68/ 67			.1	.8	.1		.1										6	6	89	
66/ 65			.1	.2	.1												4	4	56	
64/ 63		.2	.1	.1													4	4	87	
62/ 61		.1		.1													2	2	28	
60/ 59			.1														1	1	23	
56/ 57																			13	
56/ 55		.1															1	1	7	
54/ 53		.2		.4													5	5	2	
52/ 51																			1	
50/ 49																			1	
48/ 47																			2	
46/ 45																			14	
44/ 43																			10	
42/ 41																			12	
40/ 39																			1	
38/ 37																			2	
36/ 35																			1	
Element (F)															Mean No. of Hours with Temperature					
Wet Bulb															≤ 60 F	60-70 F	70-80 F	80-90 F	≥ 90 F	Total
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX STATION NAME

68-70, 73-80 YEARS

SEP MONTH

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb
TOTAL	.1	1.7	4.5	6.7	7.5	9.2	10.9	13.7	11.5	9.1	9.9	6.3	4.2	2.8	1.1	.5	.1	815	815	815
Station (12)																				
Stn. Num.	211240	01210	80.000.000							015	+0F	+20F	+07F	+70F	+00F	+00F				Total
Dry Bulb	549075	4700	02.3	7.300						015			00.1	02.7	02.0	7.5				90
Wet Bulb	100130	0000	00.0	0.710						015			70.1	70.0						90
Dew Point	11300	0021	01.0	7.300						015			00.0	0.3						90

0477 (0121)
 0-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 722615 LAUGHLIN AFB TX STATION NAME 69-70, 73-80 YEARS SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	Dry Bulb	Wet Bulb	Dew Point															
94/ 93																	.1													1	1				
92/ 91																														1	1				
90/ 89									.3				1.2	.3		.1													14	14					
88/ 87									.5			.9	.5	.7	.1														21	21					
86/ 85					.1	.4	1.3	2.0	1.5	1.3	1.2																		59	59					
84/ 83					.5	1.7	2.4	2.9	1.9	1.1	.3																		82	82					
82/ 81				.8	1.5	2.7	3.9	1.3	.7	.1					.1														83	83					
80/ 79			.7	2.5	3.2	4.0	1.1	.5	.4	.1				.1															95	96					
78/ 77			.4	3.3	3.6	1.7	1.1	1.5	.8	.3																			95	95	4				
76/ 75		.3	2.4	3.1	3.7	.8	.9	.9	.8	.3																			99	99	21	3			
74/ 73	.4	.4	1.7	1.9	1.1	.3	.8	.8	.4																				58	58	94	16			
72/ 71	.8	.5	2.3	1.2	.8	.5	.9	.5	.1																				52	52	172	40			
70/ 69		.3	.4	.9	.5	.5	.7	.3																					27	27	146	91			
68/ 67		.1	.5	.8	.1	.8	.8	.3																					23	23	98	109			
66/ 65		.1	.9	.5	.1	.4	.4																						19	19	57	109			
64/ 63		.3	.1	.8	.3																								8	8	40	86			
62/ 61		.1	.3		.3																								5	5	41	61			
60/ 59			.8																										3	3	34	32			
58/ 57																															13	51			
56/ 55																															15	39			
54/ 53		.1	.4	.1																									5	5	8	35			
52/ 51		.1																											1	1	5	21			
50/ 49																															2	17			
48/ 47																															1	15			
46/ 45																																12			
44/ 43																																10			
42/ 41																																2			
40/ 39																																1			
38/ 37																																1			
TOTAL	.8	2.8	18.9	14.9	14.0	3.3	3.3	8.1	7.8	4.9	2.5	.5	.1																	751	751	751			

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

Element (2)	W ₁	W ₂	T	Q	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	2017000	00103	61.5	5.100	751	= 60 F	= 65 F	= 70 F	= 75 F	= 80 F	= 90 F	Total
Dry Bulb	000000	00103	77.4	6.329	751			85.1	72.9	34.6	.1	90
Wet Bulb	000000	01000	68.0	5.182	751			68.1	18.3			90
Dew Point	0021000	0000	67.8	7.097	751			53.0	2.3			90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-75.73-80 YEARS SEP MONTH

PAGE 1 ALL MONTHS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	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															.0	.0	.0	.0		4	4														
102/101														.0		.1	.0			9	9														
100/99												.0	.0	.2	.1	.1	.0			34	34														
98/97										.0	.0	.1	.1	.2	.3	.2	.0			71	71														
96/95										.0	.2	.4	.5	.4	.4	.0	.0			119	119														
94/93										.0	.2	.4	.9	.7	.3	.1	.0			167	168														
92/91									.1	.6	1.1	1.2	.5	.4	.2	.0	.0			261	262														
90/89								.1	.8	1.4	1.6	.7	.8	.3	.1	.0				345	346														
88/87						.1	.9	1.8	1.7	.6	.8	.3	.0	.1	.0					403	404														
86/85					.1	1.0	1.6	1.8	.7	.6	.3	.1	.1	.1	.0					412	412														
84/83			.1	.5	1.7	1.6	1.4	.7	.4	.3	.1	.0	.0							427	427														
82/81		.0	.5	1.7	2.0	1.7	.5	.4	.2	.1	.1	.0								462	463	1													
80/79		.3	1.7	2.2	1.9	.5	.6	.5	.3	.1	.2									512	515	6													
78/77	.1	1.1	3.2	2.1	1.1	.6	.5	.3	.2	.1	.0									576	578	109													
76/75	.4	3.5	2.8	2.0	.6	.5	.4	.3	.2	.0										670	673	443													
74/73	.2	.7	3.2	2.1	.7	.5	.3	.3	.2	.0										523	524	1214													
72/71	.1	.9	2.6	.9	.6	.4	.4	.2	.0	.0										390	390	1294													
70/69	.5	1.1	.5	.5	.3	.2	.2													209	209	949													
68/67	.2	.9	.4	.6	.3	.3	.1	.1												182	182	659													
66/65	.3	.4	.6	.3	.2	.1														110	110	390													
64/63	.4	.7	.4	.3	.1	.0														125	125	311													
62/61	.3	.4	.2	.1	.1	.0	.0													71	71	227													
60/59	.4	.3	.2	.2	.0															62	62	238													
58/57	.2	.1	.1	.1	.1															41	41	168													
56/55	.1	.0	.1	.0																18	18	107													
54/53	.1	.1	.1	.0																24	24	45													
52/51	.1	.0	.0																	9	9	29													
50/49	.1																			7	7	39													
48/47																						11													
46/45																						3													
44/43																																			
42/41																						63													
40/39																						43													
38/37																						19													
																						11													

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70,73-80 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point															
84/ 83								.3	.2																						3	3			
82/ 81								.3	.2																						3	3			
80/ 79																.2															1	1			
76/ 77					.3	.2	.2								.5	.2															8	8			
76/ 75				.2	1.2	1.0	.3	.3	.2	.2																					20	20			
74/ 73				.7	1.9	1.4	.5	.5	.2	.2																					31	31			
72/ 71				1.2	2.6	2.6	1.7	.3	.5	.3																					54	54	5		
70/ 69			.2	1.2	2.1	1.6	1.4	1.2	.5	.3																					49	49	21	3	
68/ 67			.7	3.5	.9	2.6	2.6	1.7	.2	.9																					75	75	30	12	
66/ 65			1.7	2.1	2.3	1.4	.9	.2	.3	.3																					53	53	44	25	
64/ 63	.2	1.0	1.9	.5	.3	.7	.7	.3																							33	33	64	40	
62/ 61		1.0	2.6	1.2	1.4	.7	1.0																								46	46	48	48	
60/ 59		1.4	3.1	2.8	.9	.7	.9																								56	56	54	38	
58/ 57		1.6	.9	.7	.2	.9										.2															25	25	66	44	
56/ 55		1.0	1.4	.7	.3	.7	.9																								29	29	53	62	
54/ 53	.2	.9	.3	.9		.5	.9																								21	21	37	33	
52/ 51		.2	.9	.3	.3	1.0																									16	16	36	41	
50/ 49		1.2	.5	.5	.9	.2																									19	19	24	42	
48/ 47		.2	.7	.2	.5	.3																									11	11	23	28	
46/ 45		.9	.2	.2	.2																										8	8	10	28	
44/ 43			.3	.2																											3	3	23	13	
42/ 41		.2	.2	.2																											3	3	19	22	
40/ 39		.3	.2	.3	.7																										9	9	6	15	
38/ 37		.2																													1	1	7	26	
36/ 35																																	2	12	
34/ 33																																3	9		
32/ 31																																2	8		
30/ 29																																			13
28/ 27																																			6
26/ 25																																			4
22/ 21																																			1
20/ 19																																			3
18/ 17																																			1
Element (X)	Σ ²	Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																						
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

9477-94381

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73, 75-80 OCT
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81							.2											1	1																
80/ 79						.6												4	4																
78/ 77				.2	.3													3	3																
76/ 75			.5	.6	.6			.2				.2						13	13																
74/ 73		.2	2.0	.8	.5			.2	.2									24	24	2															
72/ 71		.8	2.3	1.2	.8	.2				.2								35	35	4	2														
70/ 69	.2	1.7	3.6	.8	1.1	.2	.3				.2							52	52	34	11														
68/ 67	.3	2.6	3.8	2.0	1.4	1.4	.3	.5										80	80	48	36														
66/ 65		1.5	2.3	2.7	2.0	1.1		.2										64	64	46	45														
64/ 63	.5	1.7	2.0	2.0	1.5	.3	.3	.5										57	57	52	46														
62/ 61	.5	3.8	1.5	1.1	.6	.3	.3	.3										55	55	51	37														
60/ 59	.3	2.6	1.7	1.5	.5	.5	.5	.2										50	50	68	44														
58/ 57	.3	1.7	1.8	2.1		.6	.2	.2										45	45	68	58														
56/ 55		1.2	1.8	1.5	1.1	1.4	.2											47	47	43	54														
54/ 53	.5	1.8	.8	.8	.6	.2	.2											31	31	47	36														
52/ 51		.6	.6	.3	.3	.6												16	16	44	34														
50/ 49		.8	1.2	.3	1.7	.3												28	28	25	54														
48/ 47		1.2	1.1	.3	.2													18	18	32	36														
46/ 45		1.1	.3	.2	.3	.2												13	13	28	22														
44/ 43		.3	.5		.2													6	6	17	18														
42/ 41				.3														2	2	23	23														
40/ 39		.3	.2		.6													7	7	7	15														
38/ 37		.6		.2	.2													6	6	5	20														
36/ 35		.3																2	2	7	18														
34/ 33			.2															1	1	2	11														
32/ 31																				6	14														
30/ 29																				1	8														
28/ 27																					4														
26/ 25																					7														
24/ 23																					1														
20/ 19																					3														
18/ 17																					3														
TOTAL	2.4	24.5	27.9	18.6	14.1	7.6	2.3	1.7	.3	.2	.3	.2						660	660	660	660														
Element (X)	ΣX ²		ΣX		Σ	Σ _n	No. Obs.					Mean No. of Hours with Temperature					Total																		
Rel. Hum.	3787501		48901		78.1	8.790	660					= 60 F = 73 F = 80 F = 93 F					Total																		
Dry Bulb	2537032		40530		61.8	8.585	660					= 29.9 = 6.3 = .6					93																		
Wet Bulb	2144467		37353		56.6	8.750	660					= 1.0 = 12.8 = .3					93																		
Dew Point	1901279		38663		62.5	1.072	660					= 5.6 = 6.9					93																		

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

8477 34281

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point					
82/ 81					.1												1	1								
80/ 79					.1	.1											2	2								
78/ 77					.1												1	1								
76/ 75			.5	.2	.5	.1											11	11								
74/ 73		1.6	1.6	.3	.8					.1							39	39	1							
72/ 71	.3	3.2	1.9	.7	.5		.1			.2							61	61	31	11						
70/ 69		4.9	2.1	1.3	.5	.3	.2										81	81	54	44						
68/ 67	.7	2.6	3.0	1.1	.6	.3	.1		.1								75	75	73	63						
66/ 65	.1	3.1	4.6	1.9	.7	.3		.1									95	95	55	52						
64/ 63	.2	1.5	3.4	2.4	.8	.1	.2	.1									77	77	68	48						
62/ 61	.2	3.2	2.1	.9	.5	.2	.6	.2									69	69	69	62						
60/ 59	.1	2.8	1.9	1.6	.8	.5											67	67	87	62						
58/ 57		1.9	1.1	1.1	1.0	.5	.3	.2									55	55	74	78						
56/ 55		1.4	2.6	1.1	1.1	.6											60	60	51	60						
54/ 53	.3	1.3	.8	.7	.8	.7											40	40	51	53						
52/ 51	.2	1.5	1.1	.5	.5	.6											38	38	54	40						
50/ 49	.2	1.4	1.1	.3	.3												30	30	49	64						
48/ 47		.5	.6	.2	.9			.1									20	20	39	35						
46/ 45		1.1	.6	.6	.1	.1											22	22	37	21						
44/ 43		.1	.3	.1	.3												8	8	25	27						
42/ 41		.1	.1	.2													4	4	16	35						
40/ 39			.2		.1												3	3	13	21						
38/ 37		.2		.1													3	3	7	21						
36/ 35		.5	.2	.2													8	8	7	17						
34/ 33		.1	.1														2	2	3	18						
32/ 31																			5	17						
30/ 29																			3	8						
28/ 27																				2						
26/ 25																				5						
24/ 23																				1						
22/ 21																				2						
20/ 19																				3						
18/ 17																				1						
16/ 15																				1						
Element (X)	Σ H ²		Σ H		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature																	
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

9477-94381

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70,73-80 OCT
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	2.5	33.0	30.2	15.8	11.1	4.5	1.6	.8	.1	.3											872	872	872	872
Element (X)	Σ x ²	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	588281	67865	77.8	8.635	872	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	334961	53543	61.8	8.456	872			28.9	5.8	.1		93												
Wet Bulb	2980689	50025	57.8	9.019	872		.9	17.0	.1			93												
Dew Point	2653831	47111	58.0	1.185	872		8.3	12.6				93												

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

9477-10-31

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 OCT
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
90/ 89									.2		.1		.1																				2	2			
88/ 87											.1	.1	.3	.2				.1															2	2			
86/ 85											.1	.1	.3	.2				.1															8	8			
84/ 83											.2	.2	.3	.1						.1													9	9			
82/ 81									.7	.3	.6	.2	.4	.1																			21	21			
80/ 79				.4	.6	1.7	.4	.1	.4																								37	37			
78/ 77			.3	1.4	1.9	1.3	1.3	.8	.3	.3	.1				.1										.1								72	72			
76/ 75		.2	1.2	2.0	2.8	1.8	.7	.8	.3	.2	.1	.2				.2																	93	93			
74/ 73		.9	3.0	1.9	1.0	1.4	1.3		.6	.4	.1																						96	96	23		
72/ 71		1.3	2.4	2.2	1.7	1.4	1.1	.3	.2	.6	.4																						106	106	65	17	
70/ 69	.1	.8	1.8	1.5	1.8	1.3	.3	.8	.3	.2	.2																						83	83	90	59	
68/ 67	.1	1.3	2.5	1.3	1.5	.9	1.0	.7	.4	.7	.2																						97	97	107	66	
66/ 65		1.8	2.0	2.1	1.0	.4	.8	.3	.1	.2	.1																						80	80	95	62	
64/ 63		.8	.9	1.7	1.1	.6	.6	.6	.6	.1																							61	61	96	93	
62/ 61		.4	.3	.7	.4	.8	.6	.4	.4	.1																							38	38	87	73	
60/ 59		.8	.6	.3	.2	.1	.1	.1	.4	.1																							25	25	62	69	
58/ 57		.2	.3	.2	1.1	.2	.1	.4																									24	24	61	72	
56/ 55	.3	.2		.1	.4	.3	.4																										17	17	42	64	
54/ 53		.2	.1	.1	.4	.2	.3																										13	13	48	44	
52/ 51	.1	.1	.1	.1	.2	.2	.1																										9	9	30	50	
50/ 49	.1	.3	.3																														7	7	33	26	
48/ 47	.3	.3		.1																													7	7	27	18	
46/ 45		.2																															2	2	25	42	
44/ 43																																				15	13
42/ 41																																				3	35
40/ 39																																				18	
38/ 37																																				13	
36/ 35																																				12	
34/ 33																																				9	
32/ 31																																				22	
30/ 29																																				16	
28/ 27																																				7	
26/ 25																																				5	
24/ 23																																				2	
Element (K)	Σ K ¹	Σ K	K	σ _K	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

9477-50321

USAFETAC FORM JUN 71 0-28-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70.73-80 YEARS OCT 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
22/ 21																					2
TOTAL	1.1	9.9	15.8	16.2	11.3	4.9	7.0	4.9	4.2	1.9	.4			.2			909	909	909	909	
Element (X)																	Mean No. of Hours with Temperature				
Rel. Hum.	8039087	58137	68.0	7.97		909	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	4889085	63195	69.5	7.468		909			68.0	39.8	5.8		93								
Wet Bulb	3896666	55956	61.6	7.578		909			29.2	2.8			93								
Dew Point	2920976	50516	55.6	11.187		909			5.5	18.8			93								

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

9477-24281

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
STATION

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

PAGE 1 1200-1800
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
102/101																	.1	1	1	
98/ 97																	.1	2	2	
96/ 95											.1						.1	2	2	
94/ 93										.1		.3					.1	6	6	
92/ 91										.2	.2	.1	.3					8	8	
90/ 89									.1	.3	.5	.2	.5	.1				17	17	
88/ 87								.8	1.1	1.0	.4	.9	.3	.2	.2			38	38	
86/ 85						.3	.8	1.7	1.3	1.5	1.2	.7	.2	.3				74	74	
84/ 83					.4	.9	1.6	1.4	1.0	1.1	.8	.3	.5	.1				75	75	
82/ 81				.3	1.2	1.1	1.4	1.3	1.2	.7	.8	.4	.5	.1				83	83	
80/ 79				.1	1.4	2.1	.7	1.3	1.4	1.5	1.2	.8	.1	.1				98	98	
78/ 77			.3	1.0	1.2	1.9	2.0	1.5	1.1	.8	.5	.5	.1	.3				100	100	
76/ 75			.5	.4	1.9	1.0	1.7	.7	.8	1.0	.3	.3	.3	.3				85	85	17
74/ 73		.2	.2	.4	.7	1.1	.5	.5	.5	.4	1.3	.3	.1					59	59	64
72/ 71		.2	1.1	1.4	1.0	.3	.8	.4	.7	.7	.3	.2	.1					66	66	91
70/ 69		.2	.8	.4	.4	1.2	.2	.8	.8	.4	.4	.2						54	54	81
68/ 67		.2	1.3	.7	.8	.3	.4	.1	.1	.4								40	40	120
66/ 65		.4	.7	.7	.5	.2	.4		.1	.5								27	27	96
64/ 63			.1	1.0	.1	.2	.2	.2	.4	.2	.1							24	24	97
62/ 61		.2	.1	.1	.1		.1	.1	.3									10	10	69
60/ 59		.5	.3		.3	.4	.1	.2	.1									19	19	62
58/ 57	.2	.3	.1		.3	.1	.2		.1									13	13	60
56/ 55		.2			.3													5	5	38
54/ 53		.1		.1														2	2	38
52/ 51		.1	.1															2	2	24
50/ 49	.1	.4																5	5	29
48/ 47		.2	.1															3	3	20
46/ 45																				9
44/ 43																				3
42/ 41																				
40/ 39																				21
38/ 37																				18
36/ 35																				19
34/ 33																				10
Element (X)	Σ x ²	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total									
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME

69-70, 73-80 YEARS

OCT MONTH

PAGE 2 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
32/ 31																					13
30/ 29																					13
28/ 27																					7
26/ 25																					6
24/ 23																					3
22/ 21																					5
20/ 19																					6
16/ 15																					1
TOTAL	.3	3.5	5.1	6.6	10.7	11.1	11.2	11.5	11.2	10.2	8.4	4.9	3.2	1.6	.1	.2		918	918	918	

Element (X)	Σ ₁	Σ ₂	Σ ₃	Σ ₄	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2681259	86077	50.2	18.928	918	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5817786	70100	76.8	8.906	918			81.9	65.6	36.3	1.1	93
Wet Bulb	3757798	58362	63.6	7.191	918			37.8	8.2			93
Dew Point	2881968	80060	58.5	1.580	918		8.8	12.6	.1			93

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

0-27-84281

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 STATION LAUGHLIN AFB TX STATION NAME 69-70, 73-80 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	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	.2	3	3		
100/99																.2	.1	1	1		
98/97																.1		1	1		
96/95																.3	.4	7	7		
94/93																.1	.1	11	11		
92/91																.3	.4	20	20		
90/89								.2	.3	1.0	.8	.6				.2		35	35		
88/87								.8	2.0	1.5	.9	.9	.4	.2	.1			62	62		
86/85						.1	.9	1.7	1.5	2.4	2.0	.7	1.0	.9	.1			102	102		
84/83					.1	.6	.7	.9	.9	1.9	1.1	1.2	.8					73	73		
82/81			.1	.7	.9	.8	1.5	1.2	1.7	1.0	.7	1.2						88	88		
80/79			.8	.8	.9	1.3	1.4	1.8	1.0	1.1	.7	.1	.4					90	90		
78/77			.1	.4	1.0	.4	2.5	.7	1.2	.9	1.0	.2	.8					84	84		
76/75		.1	.1	.6	1.1	1.8	1.1	.8	.6	.7	1.1	1.0	.1	.1				82	82	15	
74/73		.2	.1	.4	1.3	1.1	.6	.6	.6	.8	.6	.3	.4					63	63	59 1	
72/71		.3	.1	.2	1.0	.3	.6	.8	.1				.1					29	29	74 13	
70/69		.1	.8	.1	.6	.2	.3	.2	.1	.6	.7							33	33	91 35	
68/67		.3	.6	.2	1.0	.7	.8			.6	.2							36	36	117 22	
66/65			.2	.2	.2	.2	.2	.3	.6	.2								20	20	114 51	
64/63			.3	1.0	.1		.6	.2	.1	.3								24	24	89 66	
62/61		.6	.1		.1				.1	.1								9	9	85 77	
60/59		.3			.3	.6		.1	.1									13	13	72 67	
58/57		.1			.2	.1	.2											6	6	49 71	
56/55		.3																3	3	36 98	
54/53		.2																2	2	33 58	
52/51		.4																4	4	24 49	
50/49		.3																3	3	30 41	
48/47		.2	.1															3	3	9 35	
46/45																				10 40	
44/43																			2	2	31
42/41																				24	
40/39																				23	
38/37																				22	
36/35																				13	
Element (X)	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-28-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

8477-54381

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX
 STATION STATION NAME

69-70, 73-80
 YEARS

OCT
 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
34/ 33																					14
32/ 31																					12
30/ 29																					17
28/ 27																					5
26/ 25																					4
24/ 23																					8
22/ 21																					4
20/ 19																					8
TOTAL		3.6	2.4	3.4	7.9	8.1	8.0	11.6	10.6	15.2	11.0	7.5	5.5	4.1	.8	.3		909	909	909	
																		909	909		

Element (2)	50°	55°	60°	65°	No. Obs.	Mean No. of Hours with Temperature					Total
	50 F	55 F	60 F	65 F		50 F	55 F	60 F	65 F	68 F	70 F
Rel. Hum.	2138850	80782	88.9	8.321	909						
Dry Bulb	5670592	71360	78.5	8.689	909						
Wet Bulb	3726837	57873	63.7	6.822	909						
Dew Point	2687860	88370	53.2	1.208	909						

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

9477-34321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 68-70, 73-80 YEARS PAGE 1 1000-2000 MONTH (L. S. V.)

PAGE 1 1000-2000 MONTH (L. S. V.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-23	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
98/ 97													.1																				1	1			
94/ 93																																		1	1		
92/ 91												.1	.1		.2																		4	4			
90/ 89												.2	.1	.2		.1																	4	4			
88/ 87												.2	.8	.4	.5	.2																	18	18			
86/ 85								.1	.1	.4	.9	.6	.8	.2		.1																	24	24			
84/ 83							.2			1.3	.9	.7	1.1	.4		.1																	40	40			
82/ 81						.4	.1	1.2	.9	.8	.9	.2	.4	.1																			41	41			
80/ 79			.1	.6	.8	1.4	1.1	1.5	1.5	.5	.6	.6	.1																				75	75			
78/ 77		.1	.1	.8	1.3	1.8	.9	1.5	.7	1.5	.5	.2	.1																				75	76			
76/ 75			.5	.7	1.3	1.3	1.5	2.1	.8	.7	.5		.1																				81	81	4	1	
74/ 73		.2	.2	1.7	1.3	1.5	1.2	.6	.6	1.2	.2	.2	.1																				77	77	20	2	
72/ 71		.2	.5	1.3	1.2	1.3	1.1	.9	.6	.7	.4																						69	69	32	6	
70/ 69		.2	.9	.9	1.5	.8	1.3	1.5	.5	.5	.1	.2																					73	73	79	25	
68/ 67		.2	.8	1.3	1.9	.8	1.1	.7	.6	.5	.1																						68	68	77	19	
66/ 65		.8	.6	1.8	.6	.9	.8	.2	.5	.6																							51	51	88	33	
64/ 63		.6	.6	1.1	.4	.5	.4	.2	.9	.6																							44	44	100	66	
62/ 61		.8	.2	.6	.2	.8	.8	.1	.2	.8																							25	25	95	68	
60/ 59		.5	.2	.2	.6	.1	.4	.1	.2																								20	20	81	61	
58/ 57				.1	.4	.1	.2	.1	.8																								11	11	62	76	
56/ 55	.1	.2	.5	.1	.1	.2	.5																										15	15	59	72	
54/ 53		.2			.1	.2		.1																									6	6	38	61	
52/ 51		.1	.6	.1		.1	.1																										9	9	27	47	
50/ 49		.4		.2																													5	5	27	48	
48/ 47		.1																															1	1	20	43	
46/ 45		.2																															2	2	18	51	
44/ 43																																				14	24
42/ 41																																				1	32
40/ 39																																				1	20
38/ 37																																				1	13
36/ 35																																					17
34/ 33																																				6	
32/ 31																																				22	
30/ 29																																				7	
Element (X)	Σ X²		Σ X		X	Σ X	No. Obs.	Mean No. of Hours with Temperature										Total																			
Rel. Hum.								≤ 8 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F																								
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70.73-00 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
87/87									.1									1	1		
86/85									.1									2	2		
84/83								.3	.4									6	6		
82/81							.3	.1										3	3		
80/79			.3		.5	.4	.6	.3		.5	.5							24	24		
78/77		.1	.3	.8	.9	1.4	1.5	.6	.6		.1							50	50		
76/75			.5	.5	1.4	1.7	1.3	1.0	.4	.3								55	55	3	
74/73			1.1	1.5	.9	1.9	1.3	.6	.5		.1							63	63	4	
72/71		.4	1.4	2.4	1.9	1.3	1.3	1.3	.9	.1								86	86	25	
70/69	.3		1.1	1.0	2.0	1.1	.5	1.0	.5	.1								61	61	36	
68/67		.4	1.8	.6	1.5	1.1	.8	.5	.3	.1								56	56	64	
66/65	1.1	1.1	1.8	1.8	1.1	.8	1.1	.9	.1									69	69	57	
64/63		.9	.8	4.5	.4	.9	1.1	1.0	.1									76	76	83	
62/61		.5	1.0	1.9	1.8	.8	.8	.5	.5									61	61	71	
60/59		.9	.9	1.3	.8	.3	.5	.4	.4									42	42	77	
58/57	1.1	.6	.8	.9	.6	.6	.8	.9										43	43	89	
56/55		.3	.5	.5	.3	.5	.4	.3										21	21	48	
54/53		.3	.6	.6	.1	.8	.5	.1										16	16	63	
52/51		.4	.3	.3	.1	.5	.1	.1										13	13	43	
50/49		.8	.3	.5	.5	.3												18	18	22	
48/47			.6	.1														6	6	26	
46/45		.4	.4			.3	.1											8	8	21	
44/43			.3	.1														3	3	25	
42/41																				13	
40/39																				6	
38/37																				4	
36/35																				2	
34/33																				1	
32/31																					
30/29																				13	
28/27																				7	
26/25																				8	
24/23																				1	
22/21																				2	
Element (H)	S ₁		S ₂		I		P ₂		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.															≤ 8 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

122615 STATION LAUGHLIN AFB TX STATION NAME 69-70, 73-80 YEARS OCT 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
102/101														.0			.0	4	4		
100/99														.0			.0	3	3		
98/97													.0				.0	4	4		
96/95											.0			.0			.0	9	9		
94/93									.0	.0	.0	.1	.0	.0	.0	.0		18	18		
92/91								.0	.1	.1	.1	.1	.1	.1	.0	.0		32	32		
90/89								.0	.1	.4	.2	.2	.0	.0				60	60		
88/87								.3	.5	.4	.3	.2	.1	.1	.0			121	121		
86/85						.1	.3	.5	.6	.7	.5	.2	.2	.2	.0			210	210		
84/83					.1	.2	.4	.6	.4	.5	.4	.3	.2	.0				206	206		
82/81			.1	.3	.4	.6	.6	.5	.5	.3	.2	.3	.0					243	243		
80/79		.0	.2	.6	1.0	.6	.7	.7	.5	.5	.3	.0	.1					331	331		
78/77	.0	.1	.5	.8	1.0	.8	1.0	.5	.5	.3	.2	.1	.2					393	394		
76/75	.0	.5	.8	1.4	1.1	.9	.7	.4	.4	.3	.2	.1	.1					440	440	39	3
74/73	.4	1.1	1.1	1.0	1.0	.7	.3	.4	.4	.3	.1	.1						452	452	173	5
72/71	.0	.8	1.3	1.5	1.3	.8	.7	.5	.4	.3	.2	.0						506	506	327	75
70/69	.1	1.0	1.5	1.0	1.1	.8	.5	.6	.3	.2	.2	.1						486	486	486	232
68/67	.1	1.0	2.0	1.0	1.3	.9	.7	.3	.3	.3	.1							527	527	636	299
66/65	.0	1.2	1.6	1.6	.9	.5	.5	.3	.2	.3	.0							459	459	595	361
64/63	.1	.8	1.2	1.8	.6	.4	.5	.4	.3	.2	.0							396	396	649	496
62/61	.1	1.3	.9	.8	.6	.4	.4	.2	.2	.1								313	313	575	481
60/59	.0	1.2	1.0	.8	.5	.4	.3	.2	.1									292	292	563	468
58/57	.1	.8	.6	.6	.5	.4	.2	.2	.1									222	222	529	529
56/55	.1	.6	.8	.5	.4	.4	.3	.0										197	197	370	561
54/53	.1	.6	.3	.3	.3	.3	.2	.0										131	131	355	401
52/51	.0	.4	.4	.2	.2	.3	.0	.0										107	107	282	349
50/49	.1	.7	.4	.2	.4	.1	.0											115	115	239	350
48/47	.0	.3	.4	.1	.2	.0	.0											69	69	196	264
46/45	.4	.2	.1	.1	.1	.0												55	55	158	286
44/43	.0	.2	.0	.1														20	20	124	184
42/41	.0	.0	.1															9	9	75	222
40/39	.1	.1	.0	.1														19	19	33	158
38/37	.1	.0	.0	.0														10	10	24	150
36/35	.1	.0	.0															10	10	18	120
Element (X)	Σ H ²		Σ X		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 0CT
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
34/ 33		.0	.0															3	3	9	88															
32/ 31																				13	121															
30/ 29																				4	94															
28/ 27																					42															
26/ 25																					48															
24/ 23																					19															
22/ 21																					22															
20/ 19																					34															
18/ 17																					6															
16/ 15																					3															
14/ 13																					1															
TOTAL	.9	2.0	4.7	3.1	2.7	0.5	8.5	7.6	5.9	5.8	3.7	2.2	1.3	.9	.1	.0	.1	6472	6472	6472	6472															

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	31810271	448741	69.310	409	6472			465.0	290.5	124.5	4.4	744
Wet Bulb	23918160	389808	60.2	8.246	6472	2.0	190.9	24.4				744
Dew Point	19262170	385626	53.4	1.151	6472	88.8	70.6	.9				744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 722615 LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 69-70, 75-80 MONTH NOV

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																	
74/ 73			.2																														1	1			
73/ 71		.2	1.0		.2																.2												9	9			
71/ 69			1.8		.2																												12	12	5		
69/ 67		.7	2.2	.2	.2						.3									.2												22	22	8	7		
67/ 65		.7	1.8	.8	.2	.3	.5	.2																								27	27	15	7		
65/ 63			2.2	1.8	.5		.5				.3																					32	32	16	18		
62/ 61		1.2	2.0	.8	1.0	.5																										33	33	17	10		
61/ 59		2.0	1.5	1.7	.8	.7	.2	.2																								42	42	29	17		
59/ 57		2.3	2.2	.7	.8	.7	.7	.3																								46	46	37	25		
57/ 55		3.2	1.7	1.3	1.5	.8	1.2																									58	58	34	36		
54/ 53	.7	.5	1.7	1.5	.5	.8	.8																									39	39	57	30		
52/ 51		1.2	2.2	2.0	.8	.3	.5																									42	42	24	30		
50/ 49		1.7	3.0	.5	1.3	.2	.2																									41	41	44	28		
48/ 47		1.5	2.0	1.5	.7	.8																										39	39	48	29		
46/ 45	.2	2.0	2.2	1.2	.7	.2																										38	38	49	35		
44/ 43		1.0	1.5	.5	.7	.3																										24	24	45	47		
42/ 41		.7	.3	.7	.5	.5																										16	16	44	38		
40/ 39		.3	2.0	.3	.5																											19	19	21	31		
38/ 37	.3	.7	.5	1.0																												15	15	25	27		
36/ 35		.5	1.5	1.3	.2																											21	21	16	25		
34/ 33		.5	.3	.8	.5																											13	13	19	24		
32/ 31			.3	.3																												4	4	18	35		
30/ 29			.5	.2																												4	4	12	15		
28/ 27		.5	.2																													4	4	7	16		
26/ 25																																			11	16	
24/ 23																																			7		
22/ 21																																				15	
20/ 19																																				14	
18/ 17																																				8	
16/ 15																																				3	
14/ 13																																				5	
12/ 11																																				3	
TOTAL	1.2	21.1	34.6	19.1	11.6	6.2	4.8	.7	.3	.2	.2																							601	601	601	
Element (X)	Σ _g ²		Σ _g		Σ		Σ _g		No. Obs.		Mean No. of Hours with Temperature						Total																				
Rel. Hum.	3160160		42410		70.6		6.707		601		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total														
Dry Bulb	1725626		31660		52.7		9.816		601				1.8		6.6		.1						90														
Wet Bulb	1439628		28806		47.9		9.912		601				7.2		1.9								90														
Dew Point	1189956		25650		42.7		12.599		601				20.5		1.0								90														

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70,75-80 YEARS NOV 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
74/ 73		.2	.2														2	2		
72/ 71			.9														5	5	1	
70/ 69		.2	1.9	.3													14	14	2	2
68/ 67		.5	2.4														17	17	8	1
66/ 65		1.0	1.7	.5													23	23	22	13
64/ 63	.2	1.7	1.4	1.0			.3				.2	.2					29	29	17	27
62/ 61		.9	1.7	.3	.3		.3		.2								22	22	20	9
60/ 59	.2	2.1	.7	1.0		1.2		.3	.2								33	33	24	17
58/ 57		2.6	1.4	.9	.3	.5		.2									34	34	20	26
56/ 55	.2	3.5	2.1	1.2	1.0	.5	.3										51	51	27	26
54/ 53	.7	1.2	.9	1.4	.3	.9	.2										32	32	40	21
52/ 51		1.9	1.4	.5	.9	.9	.3										34	34	28	24
50/ 49	.2	1.9	3.0	1.7	.9	.7	.2										49	49	38	33
48/ 47	.3	3.6	1.6	1.0	.2	.3											41	41	39	16
46/ 45	.2	2.1	1.4	1.9		.3											34	34	53	36
44/ 43		2.3	2.6	.9	.5												36	36	47	39
42/ 41		1.4	1.7	1.0	.5	.2											28	28	37	35
40/ 39	.2	.7	1.2	.3	.2	.2											16	16	33	30
38/ 37		1.0	.7	.7	.7												18	18	21	32
36/ 35		.3	1.2	.9													14	14	25	29
34/ 33	.2	.5	1.4	.9	.2												18	18	12	29
32/ 31	.2	.5	.3	.5													9	9	19	25
30/ 29			.5	.5													6	6	19	19
28/ 27		.2	.3														3	3	5	13
26/ 25		1.0															6	6	12	16
24/ 23		.3															2	2	6	5
22/ 21																			1	11
20/ 19																				15
18/ 17																				10
16/ 15																				7
14/ 13																				7
12/ 11																				2
10/ 9																				1
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

9477-54021

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

22-615 STATION LAUGHLIN AFB TX STATION NAME 69-70, 75-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL	2.4	31.8	32.6	17.7	6.1	6.1	2.1	.5	.3	.2	.2							576	576	576	576														

Element (X)	$\Sigma H'$	ΣH	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	$\leq 67 F$	$\leq 72 F$	$\leq 77 F$	$\leq 82 F$		$\leq 67 F$	$\leq 72 F$	$\leq 77 F$	$\leq 82 F$	$\leq 87 F$	$\leq 92 F$	
Rel. Hum.	3303216	82542	73.9	16.742	576							
Dry Bulb	1558808	29348	51.0	10.474	576	4.1	5.9	.3				90
Wet Bulb	1332399	27023	46.9	10.601	576	9.7	1.7					90
Dew Point	1129263	24349	42.3	13.186	576	20.5	.5					90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70,73-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
74/ 73		.2	.1														3	3		
72/ 71			.1														1	1	2	
70/ 69		.1	1.1	.2													12	12	1	3
68/ 67		1.2	2.0														27	27	5	
66/ 65		2.0	1.0	.5		.1	.2										32	32	33	18
64/ 63	.1	2.1	.8	.2	.2	.1											33	33	35	33
62/ 61	.4	3.3	1.7	.2	.2			.1		.1							51	51	27	36
60/ 59		3.5	.5	1.0	.2	.4											46	46	42	22
58/ 57		3.1	.4	1.0	.2	.1	.1	.6	.1								47	47	38	42
56/ 55	.6	3.9	1.8	.2	.8	.1	.1	.6		.2							69	69	49	48
54/ 53	.5	1.8	2.0	1.0	.7	.2		.2									54	54	45	34
52/ 51	.6	2.4	2.4	.7	.5	.7	.1										62	62	53	40
50/ 49	.1	1.9	2.9	1.7	.4	.7											64	64	38	42
48/ 47	.1	2.3	2.3	1.4	.4	.4											57	57	58	36
46/ 45	.4	1.2	2.5	1.0	.4	.7											51	51	63	35
44/ 43	.1	1.7	1.2	.5	.1	.2											32	32	57	50
42/ 41		2.0	1.3	1.4	.2												42	42	57	39
40/ 39	.1	1.1	2.3	1.1	.1	.4											42	42	44	48
38/ 37	.1	1.5	1.2	.4		.4											30	30	37	37
36/ 35		.7	.7	.4	.5												19	19	42	35
34/ 33	.1	.6	1.1	.4													18	18	32	36
32/ 31	.2	.5	1.0	.5													18	18	16	42
30/ 29		.2	.7	.6													13	13	22	24
28/ 27		.6	.2	.1													8	8	15	30
26/ 25		.2															2	2	16	30
24/ 23		.6	.1														6	6	8	10
22/ 21		.1															1	1	5	16
20/ 19																				15
18/ 17																				14
16/ 15																				5
14/ 13																				7
12/ 11																				9
10/ 9																				1
8/ 7																				1
Element (X)	Z ₁	Z _X	Z	Z ₂	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70,73-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	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		
76/ 77				.1			.1	.3	.1	.2	.1							9	9		
76/ 75			.1	.2	.1	.3		.1			.1	.1						10	10		
74/ 73			.3	.6		.1	.2	.1	.1	.1								15	15		
72/ 71		.2	.6	.7	.2	.2	.1	.2	.2	.1	.2							25	25	2	
71/ 69		.2	2.8	1.2	.7	.2	.7		.1									51	51	12	3
68/ 67		.7	2.7	.8	.8	.5	.7	.1	.3	.1								58	58	14	7
66/ 65	.1	2.0	1.8	1.2	.7	.6	.1	.8	.5	.3								70	70	52	27
64/ 63	.1	2.2	1.6	.7	1.4	.8	.6	1.0	.6	.1	.1							80	80	51	47
62/ 61	.5	2.2	.9	.5	.7	1.2	.2	.6	.3	.2								63	63	63	42
60/ 59	.1	1.6	1.4	.7	.9	.9	1.0	.7	.1	.2								67	67	50	51
58/ 57		2.0	1.5	.7	.7	1.0	.7	.3	.3	.1								64	64	55	36
56/ 55	.1	1.5	1.4	1.3	1.5	1.0	.5	.3	.5									70	70	55	50
54/ 53	.5	1.3	.6	1.8	1.4	.6	1.3	.2										66	66	71	40
52/ 51		.6	.6	.8	1.0	1.2	.9											44	44	56	47
50/ 49		1.2	.7	.3	.7	.8	.8	.1										40	40	50	28
48/ 47		.7	.5	.7	.7	.3	.1	.1										27	27	72	41
46/ 45		.5	.5	.8	.8	.6	.6											32	32	48	48
44/ 43	.2	.5	.5	.7	.9	.5	.6											33	33	43	38
42/ 41		.3	.2	.2	.1	.1	.1											10	10	52	41
40/ 39		.5		.2	.2	.1	.1											10	10	36	32
38/ 37		.3	.1	.2	.1	.1												8	8	28	34
36/ 35		.1	.2		.3													6	6	19	34
34/ 33		.1		.1	.1													3	3	12	34
32/ 31			.1	.2														3	3	12	39
30/ 29			.1	.1														2	2	7	22
28/ 27																				2	27
26/ 25																				5	21
24/ 23																					10
22/ 21																					13
20/ 19																					15
18/ 17																					11
16/ 15																					6
14/ 13																					4
Element (H)	ΣH^2	ΣH	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 86 F$	$\pm 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

8477-94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 NOV
 STATION STATION NAME YEARS 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
91/ 89															.1			1	1	
88/ 87															.1			1	1	
86/ 85								.1										7	7	
84/ 83						.1			.1	.3	.4	.3						13	13	
82/ 81						.1	.1	.1	.3	.4	.6	.2	.2	.4				23	23	
80/ 79				.1		1.0	.3	.7	.2	.2	.2	.3						28	28	
78/ 77				.2	.4	1.0	.3	.8	.3	.2	.4	.4	.3					41	41	
76/ 75			.1	.4	1.2	.8	.6	.2	.6	.8	.7	.7						51	51	
74/ 73			.3	1.2	1.0	1.2	.6	.6	.9	.7	.3	.3						64	64	2
72/ 71			1.0	1.3	1.3	.8	.9	1.2	.9	.9	.6	.3						83	83	8
70/ 69			1.1	1.1	1.3	.4	1.5	.9	.6	.6	.2	.2						71	71	22
68/ 67		.2	1.3	1.3	1.2	.9	1.0	.6	1.1	.8	.3	.2						81	81	54
66/ 65		.6	.3	.7	.2	.7	1.2	.4	.7	.3	.3							49	49	71
64/ 63		.3	.4	.6	.4	1.1	.7	.8	.7	.3	.3							51	51	67
62/ 61	.1	.2	.4	.4	.3	.9	.2	.7	.8	.6	.2							44	44	51
60/ 59		.4	.9	.7	1.0	.6	.9	.4	.7	.6								55	55	50
58/ 57		.8	.8	.1	.2	1.0	.7	1.5	.6									50	50	89
56/ 55		.9	.4	.1	.8	.6	1.2	1.1	.3									49	49	68
54/ 53		.3	.1	.3	.4	.2	.1	.6	.3									22	22	78
52/ 51		.6	.2	.3	.3	.1	.2	.6	.4									25	25	39
50/ 49		.8	.6	.2	.2	.1	.3	.7										26	26	51
48/ 47		.3	.3	.2	.6	.3	.2	.4										22	22	49
46/ 45		.2	.1		.2	.2	.1	.1										9	9	50
44/ 43	.1	.4	.3															8	8	46
42/ 41		.1			.2	.1												4	4	31
40/ 39		.6			.1													6	6	16
38/ 37		.1	.2															3	3	23
36/ 35			.1		.2													3	3	12
34/ 33					.1													1	1	7
32/ 31																				4
30/ 29																				26
28/ 27																				2
26/ 25																			1	24
24/ 23																				7
Element (X)	ΣH^1	ΣR	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

9477-543E1

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 STATION LAUGHLIN AFB TX STATION NAME 69-70, 73-80 YEARS NOV 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				
22/ 21																					13				
20/ 19																					17				
18/ 17																					15				
16/ 15																					10				
14/ 13																					5				
12/ 11																					7				
10/ 9																					7				
8/ 7																					6				
6/ 5																					2				
TOTAL	.2	7.0	9.3	9.5	1.9	2.5	1.1	2.5	9.5	6.6	4.6	3.1	1.0	.6	.3			891	891	891	891				

Element (X)	S _h ²	S _h	Z	S _h	No. Obs.	Mean No. of Hours with Temperature					Total
						= 67 F	= 73 F	= 80 F	= 93 F		
Rel. Hum.	2785019	45511	51.1	21.738	891						
Dry Bulb	3901964	58262	65.9	10.153	891		66.9	23.1	6.1		90
Wet Bulb	2783377	48751	59.7	9.239	891	.7	8.7	.2			90
Dew Point	1988186	39578	48.8	6.862	891	18.8	1.8				90

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 222615 LAUGHLIN AFB TX STATION NAME LAUGHLIN AFB TX YEARS 69-70, 73-80 MONTH NOV

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

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

USAFETAC FORM 1687 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477 54331

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70, 73-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					9
22/ 21																					18
20/ 19																					8
18/ 17																					20
16/ 15																					14
14/ 13																					8
12/ 11																					3
10/ 9																					8
8/ 7																					6
TOTAL	.3	5.4	5.7	5.5	6.7	11.2	11.9	5.2	4.7	6.3	6.6	4.7	2.6	1.5	1.1	.6		891	891	891	

Element (X)	ΣR^2	ΣR	Σ	Σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2226261	40839	85.870	957	891	≤ 0 F	≤ 22 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	4229662	60640	68.110	737	891			54.3	36.8	11.0		90
Wet Bulb	2802293	49127	55.8	8.962	891			10.8				90
Dew Point	1855980	38662	43.0	155	891		22.3	1.8				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 NOV
STATION STATION NAME YEARS MONTH

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

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

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

0477 5432

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70,73-80 NOV
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																
75/ 77					.1																											1	1			
76/ 75								.3																									2	2		
74/ 73				.1		.1	.1						.1																			4	4			
72/ 71			.5	.4	.1	.7	.3			.3	.1																					18	18			
70/ 69			1.3	1.1	.4	.1	.1	.1					.1																			24	24	2		
68/ 67		.3	1.9	1.2	.8	.5	.1	.7					.1																			42	42	6		
66/ 65		.4	1.5	.9	.7	.3	.3	.3	.1	.4																						36	36	22	9	
64/ 63		.3	1.9	.9	.8	.4	.3			.1	.1																					36	36	27	17	
62/ 61		1.3	1.5	1.3	1.1	.4	.3	.4					.4																			47	47	34	21	
60/ 59		.9	2.0	2.3	1.1	1.6	.7	1.3	.3																							76	76	34	21	
58/ 57		2.3	3.0	.9	1.3	.9		.7																								68	68	40	41	
56/ 55		1.2	.9	2.3	1.1	.9	.9																									55	55	63	43	
54/ 53	.1	1.5	1.7	2.7	.5	.3	.1																									52	52	70	42	
52/ 51		.1	1.9	1.3	2.2	.8	.7																									52	52	32	32	
51/ 49		.7	1.7	1.7	1.3	.8	.4																									50	50	59	41	
48/ 47		.4	1.3	1.1	1.1	.8	.4																									38	38	68	30	
46/ 45	.3	.9	.8	.8	.7	.9	.1																									34	34	54	51	
44/ 43		.7	.8	.5	.4	.5																										22	22	52	47	
42/ 41		.5	.7	.9	.5	.3																										22	22	35	47	
40/ 39		.8	.9	.4	.7	.3																										23	23	33	41	
38/ 37		.1	.4	.5	.4	.4																										14	14	33	26	
36/ 35		.1	.5	.7	.5																											14	14	20	28	
34/ 33			.1	.7	.1																											7	7	20	29	
32/ 31			.3	.3																												4	4	14	45	
30/ 29		.1	.1																													2	2	12	22	
28/ 27																																		9	26	
26/ 25																																	4		12	
24/ 23																																			17	
22/ 21																																			12	
20/ 19																																			14	
18/ 17																																			13	
16/ 15																																			2	
14/ 13																																			3	
12/ 11																																			4	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.																	Mean No. of Hours with Temperature														
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

0477 54321

6477 (4-72)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 722615 LAUGHLIN AFB TX STATION NAME: _____ YEARS: 69-70, 73-80 MONTH: NOV
 PAGE 2 2100-2300
HOURS (L.S., T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
10 / 9																						7				
TOTAL	4	12	8	26	0	23	3	16	0	11	2	5	1	3	5	8	9		743		743	743				

Element (X)	Σ X ²	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F
Rel. Hum.	3382467	48405	65.1	7.567	743							
Dry Bulb	2310555	40839	55.0	9.420	743		.7	11.0	.8			90
Wet Bulb	1849483	36403	49.0	9.426	743		4.7	1.0				90
Dew Point	1464564	31624	42.6	2.641	743		21.4					90

USAFETAC FORM 0-26.3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 NOV
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point							
92/ 91																	.0				1	1					
90/ 89																	.0			.1		6	6				
86/ 87											.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		8	8				
86/ 85										.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0		23	23				
84/ 83								.0	.0	.0	.1	.1	.1	.0	.1	.0	.1	.1	.0	.0		30	30				
82/ 81								.1	.1	.2	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1		63	63				
80/ 79				.0	.0	.2	.2	.3	.2	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1		84	84				
78/ 77				.2	.1	.4	.3	.4	.3	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2		150	150				
76/ 75			.0	.1	.4	.6	.4	.2	.3	.2	.3	.1	.0									163	163				
74/ 73		.0	.1	.4	.3	.4	.3	.4	.5	.2	.2	.1	.0									193	193				
72/ 71		.1	.6	.5	.6	.4	.5	.6	.4	.3	.2	.2	.2									273	273	27	1		
70/ 69		.1	1.6	.7	.6	.3	.5	.4	.3	.2	.2	.1	.0									310	310	68	16		
68/ 67		.4	1.7	.7	.6	.4	.7	.4	.4	.3	.1	.0										366	366	187	39		
66/ 65	.0	.9	1.0	.8	.4	.5	.6	.4	.3	.3	.2	.0										331	331	323	111		
64/ 63	.0	.9	1.2	.7	.7	.6	.4	.5	.5	.2	.2	.0										369	369	325	254		
62/ 61	.1	1.2	1.1	.5	.7	.8	.3	.4	.3	.1	.1											349	349	298	243		
60/ 59	.0	1.4	1.0	1.1	.7	.8	.4	.7	.4	.2												419	419	363	254		
58/ 57		1.8	1.3	.7	.6	.6	.6	.7	.3	.0												414	414	424	288		
56/ 55	.1	1.8	1.0	.9	1.0	.7	.7	.4	.2	.0												422	422	462	344		
54/ 53	.3	1.0	.8	1.3	.6	.5	.4	.2	.1													333	333	505	302		
52/ 51	.1	.8	1.1	.8	.8	.6	.5	.2	.2													316	316	324	279		
50/ 49	.0	1.0	1.6	.8	.7	.6	.4	.2														337	337	371	308		
48/ 47	.1	1.1	1.0	.7	.5	.4	.2	.1														252	252	434	275		
46/ 45	.1	.8	1.0	.8	.4	.4	.2	.0														229	229	425	364		
44/ 43	.1	.9	.8	.4	.4	.2	.1															178	178	366	342		
42/ 41	.0	.7	.5	.5	.2	.2	.0															137	137	316	337		
40/ 39	.0	.6	.7	.4	.2	.1	.0															134	134	242	304		
38/ 37	.0	.5	.4	.3	.2	.1																98	98	204	252		
36/ 35		.2	.5	.4	.2																	80	80	160	242		
34/ 33	.0	.2	.3	.3	.1																	62	62	123	240		
32/ 31	.0	.1	.2	.2																		40	40	89	298		
30/ 29		.0	.2	.2																		27	27	78	190		
28/ 27		.1	.1	.0																		15	15	44	182		
26/ 25		.1																				8	8	49	157		
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.													± 0 F	± 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F									
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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

9477 94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70, 73-80 YEARS NOV MONTH
 PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
24/ 23		.1	.0														8	8	14	82
22/ 21		.0															1	1	6	107
20/ 19																				119
18/ 17																				106
16/ 15																				50
14/ 13																				39
12/ 11																				43
10/ 9																				38
8/ 7																				15
6/ 5																				5
4/ 3																				1
2/ 1																				2
TOTAL	1.2	17.2	19.8	14.4	11.0	10.0	8.0	6.6	4.6	2.6	2.0	1.3	.5	.3	.2	.1	6229	6229	6229	6229

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total			
Ref. Num.	$\Sigma 0 F$	$\Sigma 32 F$	$\Sigma 67 F$	$\Sigma 73 F$	$\Sigma 80 F$	$\Sigma 93 F$									
Dry Bulb	26747019	384451	61.722	0.17	6229	11.4	193.0	83.3	19.9						720
Wet Bulb	22092364	363602	58.411	0.06	6229	32.9	32.8	.2						720	
Dew Point	16804495	317249	50.910	0.190	6229	165.8	6.5						720		

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

0477-94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 75-80 DEC
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
70/ 69		.5	.2	.3																6	6		
68/ 67	.2		.6	.8																10	10	4	1
66/ 65	.3	.3	.3	.2																7	7	3	5
64/ 63		.2	1.0	.2																8	8	11	
62/ 61	.5	.5	.5	.3			.2													12	12	11	10
60/ 59	.2	.6	.2	1.0			.2	.2	.3											16	16	8	12
58/ 57	.6	2.1	.8	.8	.2	.2	.2		.2											31	31	16	15
56/ 55	.5	2.3	.5	.6		.3														26	26	21	22
54/ 53	1.1	2.1	1.0	1.6	.5	.5	1.0	.2												49	49	32	22
52/ 51	.6	1.0	1.6	1.0	.6	.3														32	32	25	19
50/ 49	.5	2.9	3.1	1.6	.6	.5	.5													60	60	22	22
48/ 47	.6	1.9	2.6	2.3	1.5	.2	.5													59	59	54	31
46/ 45	.2	3.4	1.8	2.4	1.5	.3														59	59	42	26
44/ 43		1.1	1.5	2.1	.3	.5	.2													35	35	52	34
42/ 41		2.3	1.8	2.9	1.6	.2														54	54	49	24
40/ 39	.6	1.1	4.5	1.1	.8	.5														54	54	53	41
38/ 37	.3	2.3	1.3	1.6	.6															38	38	40	31
36/ 35		.6	2.3	.6	.3															24	24	67	35
34/ 33		.6	.5	.6	.8															16	16	38	20
32/ 31		.2	1.0	1.1																14	14	31	69
30/ 29		.8	.8																	10	10	12	37
28/ 27																						21	40
26/ 25																						8	19
24/ 23																							11
22/ 21																							26
20/ 19																							13
18/ 17																							6
16/ 15																							14
14/ 13																							9
12/ 11																							5
10/ 9																							1
TOTAL	6.3	26.8	27.6	23.2	9.4	3.4	2.6	.3	.5											620	620	620	

Element (X)	Σ X'	Σ X	Σ X ²	Σ X ³	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	Σ 0 F	Σ 32 F	Σ 67 F	Σ 73 F	Σ 80 F	Σ 93 F					Total	
Dry Bulb	3381783	44421	71.6	7.937	620							93
Wet Bulb	1416254	29186	47.0	8.631	620		3.6	2.4				93
Dew Point	1195423	26631	43.0	9.124	620		10.8	.6				93
	967282	23292	37.6	2.08	620		37.5	.2				93

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

9477-34321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 STATION LAUGHLIN AFB TX STATION NAME 69-70,75-80 YEARS DEC MONTH

PAGE 1 0100-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
68/ 67		.5	1.2																													10	10	1		
66/ 65	.2	.8	.3	.2																												9	9	7	6	
64/ 63		1.9	.2																													12	12	8	3	
62/ 61		.3	.7																													6	6	14	15	
60/ 59		1.0	1.2	.2																												14	14	5	6	
58/ 57	.2	2.4	.8																													20	20	14	10	
56/ 55	1.0	1.9	.3	.3			.2	.2	.3	.2																						26	26	31	29	
54/ 53	1.9	2.4	.3	.5	.3	.2																										33	33	24	25	
52/ 51	.8	.7	2.5	.5		.5	.7																									34	34	19	19	
50/ 49	.3	2.9	1.3	1.2	.5	.2	.5																									41	41	14	13	
48/ 47	.8	2.5	2.2	1.0	1.3			.3																								49	49	40	22	
46/ 45	.3	1.3	2.5	2.7	.7	.3	.2																									48	48	36	25	
44/ 43	.2	2.9	2.5	2.0	1.7	.2																										56	56	38	19	
42/ 41	.2	2.4	2.2	1.2	.2	.2																										37	37	50	28	
40/ 39	.5	2.0	3.7	1.3																												45	45	52	43	
38/ 37		2.7	2.4	.8	1.2	.2																										43	43	46	28	
36/ 35	1.0	2.4	2.0	1.3	.2																											41	41	60	33	
34/ 33		1.5	1.2	.3	.3																											20	20	37	31	
32/ 31		1.2	1.5	.8	.3																											23	23	26	59	
30/ 29		2.2	.7	.2																												18	18	26	26	
28/ 27		.8	.3	.2																												8	8	24	36	
26/ 25																																		18	31	
24/ 23																																	3		15	
22/ 21																																			25	
20/ 19																																			9	
18/ 17																																			10	
16/ 15																																			16	
14/ 13																																			2	
12/ 11																																			6	
10/ 9																																			1	
8/ 7																																			1	
6/ 5																																			1	
TOTAL	7.4	36.6	30.2	14.8	6.7	1.9	1.9	.3	.2																								593	593	593	593
Element (X)	ΣX ²		ΣX		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total																					
Rel. Hum.	3537816		88648		75.3	17.252	593		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																						
Dry Bulb	1265605		26849		45.3	9.188	593		7.7		1.6				93																					
Wet Bulb	1097384		24856		41.9	9.685	593		15.2		.2				93																					
Dew Point	916776		22110		37.3	12.898	593		17.3						93																					

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

9477-94321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70, 73-80 YEARS DEC MONTH
 PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
68/ 67			.5																											4	4				
66/ 65	.5	.4	.7																											13	13	6	5		
64/ 63	.7	1.1	.2																											17	17	18	7		
62/ 61	.8	1.7																												17	17	15	19		
60/ 59	.6	1.3	1.2		.1																									27	27	23	20		
58/ 57	1.6	1.7	.7	.1	.1																									35	35	25	27		
56/ 55	1.1	2.8	.7		.1					.1																				40	40	40	34		
54/ 53	.8	1.3	.1	.2		.1																								22	22	26	30		
52/ 51	.6	1.8	.6	1.0	.2	.5	.4																							42	42	27	21		
50/ 49	.7	3.0	.8	.5	.6			.2	.1																					50	50	27	30		
48/ 47	.6	1.4	2.2	.7	.7	.1																								48	48	31	24		
46/ 45	.7	3.1	3.5	1.9	.7	.5																								87	87	36	25		
44/ 43	.5	1.9	1.8	1.8	.7	.8																								63	63	63	25		
42/ 41		2.6	1.8	1.9	1.4																									65	65	64	35		
40/ 39	.8	2.9	2.9	1.7	.4																									72	72	70	58		
38/ 37	.6	2.0	2.9	.5	.8																									57	57	66	52		
36/ 35	.6	2.0	1.9	1.6	.4																									54	54	78	43		
34/ 33	.2	1.8	2.2	1.0	.1																									44	44	63	39		
32/ 31		1.7	1.6	.4	.2																									32	32	40	62		
30/ 29	.1	1.7	.6	.2																										22	22	54	46		
28/ 27		1.1	.6	.2	.2																									18	18	28	48		
26/ 25		.1	.1	.1																										3	3	21	42		
24/ 23																																7	36		
22/ 21																																3	38		
20/ 19																															1	21			
18/ 17																																	10		
16/ 15																																	14		
14/ 13																																	9		
12/ 11																																	5		
10/ 9																																	2		
6/ 5																																	2		
4/ 3																																	1		
2/ 1																																	1		
0/ -1																																	1		
Element (X)	Σ X ²		Σ X		X	σ _n	No. Obs.	Mean No. of Hours with Temperature						Total																					
Rel. Hum.								≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F																						
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

9477-5432

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615
STATION NO.

LAUGHLIN AFB TX
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
81/ 79														.1				1	1				
76/ 75													.1	.1				2	2				
74/ 73									.1	.1								2	2				
71/ 69				.6														6	6				
68/ 67		.2	.6			.1				.2	.1							11	11				
66/ 65	.1	.9	.8	.1	.1	.2	.3		.1	.2	.1							27	27	5	2		
64/ 63	.6	1.7	.2	.2	.1		.3	.3		.1								32	32	30	14		
62/ 61	.5	1.2	.3	.8	.5	.5	.2	.2	.1	.1								39	39	20	28		
60/ 59	.6	1.8	.8	.6	.5	.9	.3	.2	.3									53	53	20	22		
56/ 57	1.9	1.6	1.7	.5	.8	.5	.9	.2	.3									74	74	43	30		
58/ 55	.8	1.6	.9	1.2	1.8	1.4	.8	.8	.1									83	83	47	32		
54/ 53	.3	1.5	.8	1.7	.3	1.6	1.2	.3										69	69	40	27		
52/ 51	.6	1.2	.7	1.1	1.8	1.5	.9	.3										72	72	48	36		
50/ 49	.8	2.2	1.8	1.7	1.7	1.2	.6	.2										90	90	59	37		
48/ 47		1.2	2.6	2.3	2.0	1.9	.2											91	91	65	30		
46/ 45	.1	1.6	1.1	1.5	1.2	.8	.1	.1										58	58	74	31		
44/ 43	.2	1.1	1.7	1.0	.9	.9												52	52	99	40		
42/ 41	.1	.8	1.1	1.0	1.5	.5												44	44	89	51		
40/ 39	.2	.3	.8	.6	.5	.5	.1											26	26	70	57		
38/ 37		.7	.2	.7	.3	.1												18	18	60	40		
38/ 35		.2	.6	.9	.5													19	19	37	54		
34/ 33		.2	.2	.1	.2	.1												8	8	26	53		
32/ 31				.1	.1													2	2	20	73		
30/ 29																				18	31		
28/ 27					.1													1	1	5	35		
26/ 25																				2	36		
24/ 23																					2		
22/ 21																				1	25		
20/ 19																					26		
18/ 17																					11		
16/ 15																					10		
14/ 13																					6		
12/ 11																					8		
10/ 9																					2		
Element (X)	ΣH^2	ΣR	Σ	Σ^2	No. Obs.				Mean No. of Hours with Temperature														
Rel. Hum.									$\leq 6 F$	$= 32 F$	$= 67 F$	$= 73 F$	$= 80 F$	$= 93 F$	Total								
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

9477 54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 STATION LAUGHLIN AFB TX STATION NAME 69-70, 73-80 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
8/ 7																						2														
6/ 5																						2														
2/ 1																						3														
TOTAL	6.8	20.2	17.0	16.7	15.0	12.6	6.1	2.8	1.1	.8	.3	.1	.1	.1				880		880	880															

Element (X)	Z ₁	Z ₂	Z	σ _z	No. Obs.	Mean No. of Hours with Temperature					
Ref. Num.	4168926	57388	65,222,000	880	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Dry Bulb	2396399	85379	51.6	8,038	880		.3	2.3	.5	.1	93
Wet Bulb	1916591	40365	45.9	8,601	880		5.1				93
Dew Point	1470861	34133	38.8	2,911	880		31.3				93

9477-102E1

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 DEC
STATION STATION NAME YEARS 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			
90/ 89																	.1	1	1					
86/ 85																	.1	2	2					
84/ 83																.2	2	2						
82/ 81													.1	.2			3	3						
80/ 79														.2	.2		4	4						
78/ 77													.1	.1			4	4						
76/ 75						.7	.2	.2	.2	.4	.1	.1					18	18						
74/ 73				.2	.6	.6	.3	.1	.4	.2							22	22						
72/ 71			.2	.6	.2	.3	.3	.1	.3	.4	.1	.1					25	25						
70/ 69	.1	.6	1.1	.2	.6	.7	.6	.9	.2	.3	.3	.1					51	51	1 1					
68/ 67	.2	1.0	.4	.9	1.1	.8	1.1	.8	.7	.9	.7	.1					67	67						
66/ 65	.7	.4	.4	.9	.6	.6	.9	.4	.6	.9		.1					57	57	29 1					
64/ 63	.3	.7	.3	.8	.8	.7	1.0	1.2	1.1	.4							66	66	29 18					
62/ 61	.2	1.2	.6	.1	1.2	1.8	1.2	1.6	.9	.8							86	86	26 21					
60/ 59	.8	1.4	.9	.8	1.1	.8	1.1	1.8	1.6	.3							95	95	58 33					
58/ 57	.2	1.8	.7	.2	1.1	1.4	1.2	2.2	.4	.2							86	86	64 35					
56/ 55	.1	1.1	.3	.2	.7	1.9	2.4	1.0	.4	.1							75	75	63 33					
54/ 53	.3	.3	.6		1.2	1.0	1.3	.6	.4								52	52	68 41					
52/ 51	.1	.7	.3	.7	1.4	.7	.7	.2	.2								45	45	59 33					
50/ 49		.2	.4	.8	.4	.8	.9	.1									30	30	71 30					
48/ 47		.6	.4	.8	.7	1.0											31	31	76 24					
46/ 45		.7	.3	.9	.7	.8	.6	.1									33	33	104 40					
44/ 43		.4	.4	.4	.3	.2	.4										21	21	103 43					
42/ 41		.1	.2	.2	.6	.2											12	12	41 36					
40/ 39		.2	.1	.1	.1	.1											6	6	37 46					
38/ 37			.1	.2	.1	.1											4	4	31 45					
36/ 35		.3		.1	.1	.1											5	5	10 49					
34/ 33																			15 61					
32/ 31																			12 51					
30/ 29																			4 44					
28/ 27																			2 41					
26/ 25																				31				
24/ 23																				36				
22/ 21																				33				
Element (X)	Σ H ¹	Σ H ²	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature							
Rel. Hum.																	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 86 F	≤ 93 F	Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

9477-103-1

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

222615 STATION LAUGHLIN AFB TX STATION NAME 69-70,73-80 YEARS DEC 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																																					27
18/ 17																																					15
16/ 15																																					5
14/ 13																																					6
12/ 11																																					11
10/ 9																																					5
8/ 7																																					3
6/ 5																																					3
4/ 3																																					2
TOTAL	1.8	10.4	7.9	8.1	2.7	15.0	3.8	1.5	7.6	5.4	3.3	.7	.7	.3	.6	.1	.1	903	903																	903	
																		903		903																	

Element (X)	S _x ²	S _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
						+6 F	+32 F	+67 F	+72 F	+80 F	+92 F	
Rel. Hum.	2824065	46057	51.022	987	903							
Dry Bulb	3255863	53635	59.4	8.818	903			20.5	5.8	1.1		93
Wet Bulb	2281730	49822	49.6	8.082	903		1.9	.1				93
Dew Point	1513995	38917	38.7	3.677	903		32.2	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point															
90/ 89																														.2	2	2			
88/ 87																																1	1		
86/ 85																												.1	.1		2	2			
84/ 83																										.1	.2				3	3			
82/ 81																																10	10		
80/ 79																										.2	.1	.2			7	7			
78/ 77								.1	1.0				.7													.4	.1				22	22			
76/ 75								.7	.7		.4	.4	.2	.8	.3	.4	.1													37	37				
74/ 73				.1	.7	1.1	.8	.4	.6	.6	.4	.3	.2	.2															49	49					
72/ 71				.3	.6	.7	.6	.7	.6	1.1	.7	.9	.2	.2															50	50					
70/ 69		.1	.6	.2	.2	1.6	.3	.4	1.1	1.7	.6	.7																	67	67					
68/ 67		.1	.6	.1	.9	.6	.8	.3	.8	.8	.8	.4																	55	55		6			
66/ 65	.1	.2	.6	.8	.1	.8	.6	1.2	1.2	1.7	1.5																	78	78	41	5				
64/ 63		.2	1.2	.3	.6	.9	1.7	.4	2.9	1.1	.4																	88	88	21	10				
62/ 61		1.0	.6	.2	.1	.9	.6	1.2	1.0	1.9																		67	67	38	19				
60/ 59		.9	1.6	.1	.7	1.5	1.8	1.2	1.0	.1																		79	79	66	21				
58/ 57	.3	.6	.4	.4	.7	1.0	1.2	1.2	.1	.1																		55	55	64	43				
56/ 55	.1	.7	.1	.4	.9	.8	.8	1.5	.8	.3																		53	53	67	38				
54/ 53		.4	.3	.3	.7	1.3	.7	.6																				39	39	70	35				
52/ 51		.1	.1	.4	.8	.1	.4	.2																				22	22	62	38				
50/ 49		.4	.6	.4	.4	.9	.8																					32	32	66	20				
48/ 47		.2	.1	.6	.3	.4	.1	.7																				22	22	108	22				
46/ 45	.1	.6	.1	1.0		.1	.8																					24	24	92	32				
44/ 43					.2	.2	.4																					10	10	57	39				
42/ 41		.3	.1	.3		.6																						12	12	55	49				
40/ 39			.1	.2	.1																							4	4	34	41				
38/ 37		.1	.1	.1																								3	3	10	39				
36/ 35		.1																										1	1	11	53				
34/ 33																															23	50			
32/ 31																														3	67				
30/ 29																																37			
28/ 27																																44			
26/ 25																																31			
24/ 23																																47			
Element (X)	ΣX^2	ΣX	Σ	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

9477 95321
 FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHIN AFB TX 69-70, 73-80 YEARS DEC 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														
22/ 21																																			29
21/ 19																																			30
18/ 17																																			11
16/ 15																																			16
14/ 13																																			4
12/ 11																																			13
10/ 9																																			5
8/ 7																																			3
7/ 1																																			2
5/ -1																																			1
TOTAL	.7	6.2	7.2	6.4	7.0	13.5	13.8	11.1	12.0	10.3	6.0	2.7	1.3	1.0	.4	.2	.2		894		894													894	

Element (X)	ΣX	ΣX^2	ΣX^3	ΣX^4	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2210187	40011	44.8	21.678	894	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	3576801	55927	62.6	9.353	894			31.7	13.8	2.1		93
Wet Bulb	2358193	45365	50.7	7.947	894			.3	.6			93
Dew Point	1442780	33842	37.9	3.455	894		35.4					93

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
80/ 79																																	2	2		
74/ 73						.1	.2			.1	.1											.2	.1									8	8			
72/ 71				.1	.4	.4	.2	.1	.1	.1	.1																					13	13			
70/ 69		.1	.4	.4	.7	.4																.4										22	22			
68/ 67			.9	.4	.5	.1	.2	.4	.6	.1	.1	.2																				29	29	1		
66/ 65		.2	.5	1.0	.7	.5	.7	.5	.7	.5	.7	.5																				40	40	9	3	
64/ 63	.2	.6	.4	1.0	1.0	.6	.9	1.1	.9	.4	.2																					59	59	21	10	
62/ 61	.1	1.5	.6	1.0	1.0	.4	1.1	.7	.7	.1																						59	59	19	10	
60/ 59	.2	2.5	1.4	.7	1.0	.4	1.0	1.4	1.5	.4																						84	84	47	16	
58/ 57	.4	2.1	1.0	.6	1.0	.9	1.2	.9	1.0	.1																						74	74	43	43	
56/ 55		1.4	1.0	1.5	1.7	2.0	2.0	.6	.2																							84	84	53	36	
54/ 53		1.0	.5	1.1	1.5	2.0	1.0	.9	.5																							68	68	54	41	
52/ 51		.2	.7	.9	1.7	2.7	1.2	.1																								62	62	44	27	
50/ 49		1.2	1.1	1.4	1.9	1.4	1.1	.6																								70	70	53	27	
48/ 47		.4	.2	.6	1.4	1.1	.1	.1																								32	32	77	24	
46/ 45	.4	.9	.5	1.0	.7	1.0	.1																									37	37	92	32	
44/ 43			.7	.7		.5	.5	.1																								21	21	83	38	
42/ 41		.2	.1	.6	.7																											14	14	71	41	
40/ 39		.4	.5		.9																											14	14	50	31	
38/ 37		.2	.5	.5	.1	.1																										12	12	34	39	
36/ 35			.2	.2	.1																											5	5	24	47	
34/ 33																																			14	44
32/ 31																																		15	63	
30/ 29																																	4	51		
28/ 27																																		1	35	
26/ 25																																				34
24/ 23																																				28
22/ 21																																				23
20/ 19																																				28
18/ 17																																				8
16/ 15																																				10
14/ 13																																				9
12/ 11																																				7
10/ 9																																				2
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.															Mean No. of Hours with Temperature																
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

9477-54-201

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
73/ 69		.1	.3	.3	.1													6	6																
69/ 67		.4		.8	.3		.1			.3								14	14	1															
66/ 65		.3	.5	.4	.3				.1	.1	.1							14	14	5	4														
64/ 63	.1	.3	.7	.3	.3													12	12	7	3														
62/ 61	.5	.9	.4	.3	.1	.3	.1	.1	.1	.3								24	24	19	7														
60/ 59	.7	1.7	.5	.9	.9	.1	.4		.3	.1								43	43	24	17														
58/ 57	.5	3.3	1.1	1.1	.4	.3		.4										53	53	27	29														
56/ 55	.5	3.1	1.5	1.3	.7	.5	.4	.1										64	64	39	40														
54/ 53	.7	3.2	1.7	1.6	.7	.7	1.6											76	76	55	33														
52/ 51		1.3	1.2	2.1	1.3	1.2	.9	.3										63	63	39	35														
50/ 49		1.7	2.5	2.1	2.1	.8	.4											73	73	46	25														
48/ 47	.1	.9	1.1	1.9	2.4	.5	.8											58	58	52	37														
46/ 45	.4	1.1	1.9	2.8	2.3	.5	.3											69	69	52	38														
44/ 43		2.0	.7	2.0	2.0	1.1												58	58	64	26														
42/ 41		.9	2.1	2.1	.4	.4												45	45	78	35														
40/ 39	.3	.8	.5	1.2														21	21	63	49														
38/ 37		.7	.9	.8	.3													20	20	70	32														
36/ 35		.4	.7	1.1	.1													17	17	38	41														
34/ 33		.3	.5	.4	.3													11	11	29	27														
32/ 31		.1	.3	.4														6	6	15	66														
30/ 29																				16	42														
28/ 27																				5	36														
26/ 25																				3	37														
24/ 23																					21														
22/ 21																					18														
20/ 19																					22														
18/ 17																					11														
16/ 15																					7														
14/ 13																					8														
12/ 11																					1														
TOTAL	3.9	23.7	19.1	24.0	15.0	6.4	5.1	1.2	.7	.8	.1							747	747	747	747														

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

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	1942609	37633	50.4	7.912	747		.7	2.5				93
Wet Bulb	1585116	33825	45.3	8.474	747		4.9	.1				93
Dew Point	1243514	29094	38.9	12.163	747		33.5					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb
90/ 89																	.0	3	3	
98/ 87																	.0	1	1	
86/ 85																.0	.0	4	4	
84/ 83													.0	.0	.0			5	5	
82/ 81											.0	.1	.1	.0	.0			13	13	
80/ 79										.0	.0	.0	.1	.0	.0			14	14	
78/ 77						.0	.1	.1	.1	.1	.1	.1	.1	.0	.0			26	26	
76/ 75				.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.0	.0			57	57	
74/ 73			.0	.1	.3	.2	.1	.1	.1	.2	.1	.1	.0	.0				81	81	
72/ 71			.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.0	.0				88	88	
70/ 69		.1	.3	.4	.2	.4	.1	.1	.3	.3	.2	.2	.0				158	158	1	1
68/ 67	.0	.2	.7	.3	.4	.3	.3	.2	.3	.3	.2	.1	.0				200	200	13	1
66/ 65	.1	.5	.5	.4	.3	.3	.3	.3	.4	.4	.4						245	245	105	31
64/ 63	.2	.8	.6	.3	.4	.3	.5	.4	.7	.4	.2						294	294	145	65
62/ 61	.3	1.1	.4	.4	.4	.5	.5	.5	.4	.4							310	310	162	129
60/ 59	.4	1.4	1.0	.5	.5	.4	.6	.7	.7	.3	.0						411	411	251	147
58/ 57	.7	1.9	.9	.5	.6	.6	.7	.7	.3	.1							428	428	296	232
56/ 55	.5	1.8	.7	.7	.8	.9	.9	.6	.3	.1							451	451	361	264
54/ 53	.6	1.4	.7	.9	.7	1.0	.9	.3	.1								408	408	369	254
52/ 51	.3	.9	.9	1.0	1.1	1.0	.7	.2	.0								372	372	323	228
50/ 49	.3	1.7	1.4	1.2	1.1	.7	.6	.1									446	446	358	204
48/ 47	.2	1.1	1.4	1.2	1.3	.7	.2	.1									390	390	503	214
46/ 45	.3	1.5	1.4	1.7	.9	.5	.3	.0									415	415	528	249
44/ 43	.1	1.1	1.1	1.2	.7	.6	.2	.0									316	316	559	264
42/ 41	.0	1.1	1.1	1.2	.7	.3	.0										283	283	497	299
40/ 39	.3	.9	1.4	.7	.3	.1	.0										242	242	429	366
38/ 37	.1	1.0	1.0	.6	.4	.1											195	195	357	306
36/ 35	.2	.7	.9	.7	.2	.0											166	166	325	355
34/ 33	.0	.5	.5	.3	.2	.0											99	99	245	325
32/ 31		.4	.5	.3	.1												77	77	162	510
30/ 29	.0	.5	.2	.0													50	50	134	314
28/ 27		.2	.1	.0	.0												27	27	86	315
26/ 25		.0	.0	.0													3	3	52	261
24/ 23																			12	220
Element (X)	ΣX'	ΣX	X	ΣX	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

9477 94321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-80 DEC
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																				4	217
20/ 19																				1	176
18/ 17																					82
16/ 15																					92
14/ 13																					53
12/ 11																					56
10/ 9																					18
8/ 7																					10
6/ 5																					8
4/ 3																					4
2/ 1																					6
0/ -1																					2
TOTAL	4.7	20.8	17.5	14.6	11.4	9.3	7.4	4.8	4.0	2.7	1.5	.6	.3	.2	.1	.0	.0	6278	6278	6278	6278
Element (X)	Z ₁	Z ₂	X	Q ₁	No. Obs.	Mean No. of Hours with Temperature										Total					
Ref. Num.	27894380	392130	62.5	23.279	6278	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	18171039	330995	52.7	10.710	6278		18.6	77.0	24.2	3.9		749									
Wet Bulb	13871701	289259	46.1	9.310	6278		53.4	1.7				744									
Dew Point	10182839	239527	38.2	2.897	6278	.2	277.8	.2				749									

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-81 ALL MONTH ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																
110/109																													.0	4	4					
106/107																													.0	19	19					
106/105																												.0	55	55						
104/103																												.0	108	108						
102/101																												.0	259	259						
100/99																												.0	483	483						
98/97																												.0	732	732						
96/95																												.0	1225	1225						
94/93						.0																						.0	1416	1417						
92/91							.0	.0																				.0	1723	1724						
90/89							.0	.1	.5	.7	.7	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2101	2102							
88/87							.0	.1	.4	.8	.7	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2267	2268							
86/85					.0	.1	.5	.7	.8	.5	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2573	2573	1						
84/83			.0	.0	.3	.8	.8	.7	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2756	2756	2						
82/81			.0	.3	.9	1.0	.8	.3	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3200	3201	15	1					
80/79		.0	.2	.8	1.2	1.0	.4	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3724	3727	119	2					
78/77		.1	.6	1.4	1.1	.6	.4	.3	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4140	4144	889	8					
76/75	.0	.2	1.4	1.3	1.0	.5	.3	.3	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4469	4473	3365	190					
74/73	.0	.6	1.3	1.1	.4	.4	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3923	3924	7748	954					
72/71	.1	.6	1.2	.8	.4	.4	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3622	3622	7935	3012					
70/69	.1	.6	1.2	.5	.5	.3	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3358	3358	6123	5695					
68/67	.1	.8	1.1	.5	.5	.3	.3	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3407	3407	4826	6140					
66/65	.1	.7	.6	.5	.3	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2837	2837	3948	6021					
64/63	.1	.8	.6	.5	.3	.3	.3	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2801	2801	3490	5278					
62/61	.1	.7	.5	.4	.3	.3	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2518	2518	3172	4514					
60/59	.1	.7	.5	.4	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2505	2506	3137	3543					
58/57	.1	.8	.5	.4	.3	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2493	2494	3088	3426					
56/55	.1	.7	.4	.4	.4	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2312	2312	2960	3334					
54/53	.1	.5	.4	.4	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2082	2082	2874	2671					
52/51	.1	.5	.5	.4	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2009	2009	2553	2296					
50/49	.1	.6	.6	.4	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2105	2107	2633	2052					
48/47	.1	.5	.5	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1768	1769	2795	2082					
46/45	.1	.6	.4	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1667	1667	2790	2278					
44/43	.1	.5	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1457	1459	2639	2068					
Element (X)	ΣX^2	ΣX	Σ	σ_n	No. Obs.		Mean No. of Hours with Temperature																													
Ref. Num.							$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total																							
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722615 LAUGHLIN AFB TX 69-70, 73-81 ALL MONTH

PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
42/ 41	.1	.4	.4	.4	.2	.1	.0	.0										1272	1273	2274	2170
40/ 39	.1	.3	.4	.2	.2	.0	.0											1072	1078	1946	2203
38/ 37	.1	.3	.3	.2	.1	.0	.0											831	833	1606	1887
36/ 35	.0	.2	.3	.2	.1	.0												689	690	1234	2079
34/ 33	.0	.2	.3	.1	.0	.0												507	507	959	1847
32/ 31	.0	.2	.2	.1	.0													395	395	773	2351
30/ 29	.0	.1	.1	.0	.0													207	207	642	1671
28/ 27	.0	.1	.1	.0	.0													140	140	365	1504
26/ 25		.0	.0	.0														59	59	257	1432
24/ 23		.0	.0	.0														32	32	104	868
22/ 21		.0	.0															15	15	52	991
20/ 19		.0	.0															12	12	20	970
18/ 17		.0	.0															8	8	18	595
16/ 15																				5	423
14/ 13																					269
12/ 11																					202
10/ 9																					130
8/ 7																					61
6/ 5																					56
4/ 3																					29
2/ 1																					36
0/ -1																					6
-2/ -3																					4
-4/ -5																					1
-6/ -7																					7
TOTAL	1.9	12.5	15.0	13.1	11.0	9.5	7.9	7.0	5.7	4.7	4.0	2.9	2.0	1.4	.8	.4	.3	77357		77357	77357
Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	317297310	4657802	60.221.829	77357	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total										
Dry Bulb	384509623	5311817	68.616.047	77391	100.0	5130.5	958.2	2341.1	981.8	8760											
Wet Bulb	285005845	4587413	59.312.985	77357	257.6	889.3	363.4	5.7	8760												
Dew Point	229603572	4036058	52.215.682	77357	2.0	325.5	799.8	129.7	.1	8760											

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

9477-94381

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX

69-70,73-81

STATION	STATION NAME	YEARS												
HRS IL ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	43.5	48.5	57.0	64.4	70.4	76.9	80.1	79.5	74.7	63.3	52.7	47.0	63.3
	S D	8.208	8.946	8.364	6.747	6.009	6.112	5.230	3.863	5.704	8.552	9.816	8.631	14.670
	TOTAL OBS	622	607	713	683	655	638	665	669	547	577	601	620	7597
3-05	MEAN	41.7	46.3	54.3	61.7	68.1	74.1	77.0	76.5	71.9	61.4	51.0	45.3	61.4
	S D	8.355	9.090	8.796	7.270	6.136	5.695	4.099	3.234	5.879	8.545	10.474	9.188	14.270
	TOTAL OBS	620	609	724	696	702	687	704	704	641	660	576	593	7916
04-08	MEAN	41.2	45.0	53.5	61.7	68.4	74.1	76.5	76.0	71.3	61.4	50.5	44.7	60.5
	S D	9.173	9.228	8.850	7.485	6.051	4.956	3.660	3.364	6.081	8.456	10.417	9.398	14.586
	TOTAL OBS	878	810	900	870	884	853	881	887	845	872	840	832	10352
09-11	MEAN	46.8	51.9	61.1	68.9	74.8	80.8	83.2	83.4	78.6	69.5	58.2	51.6	67.6
	S D	9.068	9.176	8.395	6.514	5.732	5.188	5.369	4.260	6.427	7.468	9.215	8.038	14.540
	TOTAL OBS	907	835	925	895	915	891	916	924	884	909	867	880	10748
12-14	MEAN	54.1	59.8	68.9	75.8	81.4	87.7	90.3	90.8	85.2	76.4	65.4	59.4	74.7
	S D	10.620	10.875	9.351	7.413	6.839	6.216	6.610	4.821	7.329	8.406	10.153	8.818	14.887
	TOTAL OBS	924	843	930	900	924	900	924	924	894	918	891	903	10881
15-17	MEAN	57.5	63.9	72.8	79.5	84.6	91.1	93.5	94.0	87.5	78.5	68.1	62.6	77.9
	S D	11.508	11.972	9.530	7.825	7.468	6.744	7.081	5.079	7.889	8.689	10.737	9.353	15.077
	TOTAL OBS	920	839	926	895	912	886	912	917	879	909	891	894	10780
18-20	MEAN	51.7	59.0	67.8	75.4	80.5	87.8	90.4	90.2	83.3	72.5	60.9	55.9	73.2
	S D	9.840	10.937	8.957	7.741	7.107	7.213	7.359	5.796	7.349	8.364	9.741	7.973	15.599
	TOTAL OBS	807	752	843	809	810	817	859	859	815	845	820	809	9845
21-23	MEAN	46.0	52.3	60.5	68.3	73.9	80.8	84.0	83.7	77.6	66.7	55.0	50.4	66.8
	S D	8.432	8.848	7.928	6.932	6.300	6.557	6.176	4.557	6.329	8.181	9.420	7.912	14.923
	TOTAL OBS	754	728	837	799	767	762	805	795	752	783	743	747	9272
ALL HOURS	MEAN	48.3	53.8	62.4	69.8	75.7	82.1	84.8	84.7	79.3	69.3	58.4	52.7	68.6
	S D	11.159	11.939	11.085	9.667	8.793	8.700	8.457	7.832	8.866	10.409	11.806	10.710	16.047
	TOTAL OBS	6432	6023	6798	6547	6569	6434	6666	6685	6257	6473	6229	6278	77391

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX

69-70,73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	39.4	43.7	50.1	58.2	65.0	69.6	71.2	70.9	67.3	56.8	47.9	43.0	57.0
	S D	7.908	8.976	8.832	8.099	5.578	3.953	2.346	2.282	5.518	8.118	9.912	9.124	13.379
	TOTAL OBS	622	604	713	683	655	638	665	669	544	577	601	620	7591
03-05	MEAN	38.4	42.6	48.9	57.2	63.9	68.9	70.7	70.3	66.7	56.6	46.9	41.9	56.7
	S D	8.262	9.502	9.399	8.763	6.062	4.483	2.515	2.340	5.936	8.750	10.601	9.685	13.688
	TOTAL OBS	620	606	724	696	702	687	704	704	638	660	576	593	7910
6-08	MEAN	38.3	41.8	49.0	57.1	64.1	69.0	70.8	70.4	66.8	57.4	46.9	41.6	56.2
	S D	9.150	9.801	9.661	9.004	6.262	4.362	2.398	2.412	6.150	9.019	10.830	10.101	14.086
	TOTAL OBS	878	807	900	870	884	853	881	887	842	872	840	832	10346
9-11	MEAN	42.0	45.9	53.1	60.6	66.9	71.5	73.2	73.3	69.8	61.6	51.6	45.9	59.8
	S D	8.546	8.833	8.536	7.462	5.414	3.620	2.093	1.874	5.323	7.578	9.684	8.601	13.850
	TOTAL OBS	907	833	925	895	915	891	916	924	881	909	867	880	10743
12-14	MEAN	45.8	49.5	55.9	62.7	68.8	73.1	74.2	74.1	71.0	63.6	54.7	49.6	62.0
	S D	8.545	8.289	7.888	7.020	5.270	3.686	2.152	2.081	4.996	7.191	9.239	8.082	12.042
	TOTAL OBS	924	843	930	900	923	900	924	930	893	918	891	903	10879
15-17	MEAN	47.3	50.9	56.9	63.4	69.0	73.1	73.8	73.6	70.7	63.7	55.4	50.7	62.4
	S D	8.525	8.019	7.456	6.685	5.259	3.597	2.003	2.091	4.692	6.822	8.962	7.947	11.386
	TOTAL OBS	920	839	926	895	912	886	912	917	879	909	891	894	10780
18-20	MEAN	44.2	49.0	54.4	62.0	67.7	71.6	72.4	72.2	69.4	61.2	52.1	47.9	60.5
	S D	8.166	8.168	7.452	6.951	5.355	3.495	2.099	2.079	4.716	7.127	9.073	7.987	11.882
	TOTAL OBS	807	749	843	809	810	817	859	859	815	844	820	809	9841
21-23	MEAN	41.1	45.9	51.5	59.6	66.0	70.0	71.0	71.1	68.0	58.6	49.0	45.3	58.2
	S D	7.855	8.270	7.959	7.799	5.641	3.758	2.183	2.221	5.142	7.836	9.426	8.474	12.614
	TOTAL OBS	754	725	837	799	767	762	805	794	751	783	743	747	9267
ALL HOURS	MEAN	42.4	46.4	52.7	60.2	66.6	71.0	72.3	72.1	68.9	60.2	50.9	46.1	59.3
	S D	9.004	9.282	8.888	8.058	5.909	4.193	2.599	2.591	5.544	8.246	10.190	9.310	12.945
	TOTAL OBS	6432	6006	6798	6547	6568	6434	6666	6684	6243	6472	6229	6278	77357

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX

69-70,73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	33.8	37.3	42.3	52.4	61.6	65.8	66.6	66.5	62.9	51.5	42.7	37.6	51.8
	S D	10.444	12.789	13.670	13.251	7.075	4.877	4.572	3.311	7.415	10.488	12.599	12.208	15.751
	TOTAL OBS	622	604	713	683	655	638	665	669	544	577	601	620	7591
3-35	MEAN	33.6	37.5	42.7	53.0	61.3	66.1	67.4	67.2	63.7	52.5	42.3	37.3	52.6
	S D	10.561	12.920	13.752	12.908	7.340	5.385	4.323	3.027	7.207	11.072	13.186	12.494	15.907
	TOTAL OBS	620	606	724	696	702	687	704	704	638	660	576	593	7910
6-08	MEAN	34.1	37.1	43.8	52.8	61.2	66.2	67.9	67.7	64.1	54.0	42.7	37.3	52.5
	S D	11.324	13.046	13.347	12.959	7.804	5.890	3.814	2.914	7.165	11.145	13.613	13.000	16.135
	TOTAL OBS	878	807	900	870	884	853	881	887	842	872	840	832	10346
9-11	MEAN	35.5	38.6	44.9	53.6	62.0	66.9	68.5	68.6	65.1	55.6	44.6	38.8	53.7
	S D	11.620	13.137	13.778	13.117	8.070	5.339	3.562	2.656	6.913	11.187	14.214	12.911	15.992
	TOTAL OBS	907	833	925	895	915	891	916	924	881	909	867	880	10743
12-14	MEAN	36.0	38.0	43.6	52.4	61.4	66.1	66.7	66.4	63.6	54.5	44.4	38.7	52.8
	S D	12.003	13.155	13.866	13.668	8.808	5.876	4.355	3.687	7.088	11.540	14.462	13.477	15.828
	TOTAL OBS	924	843	930	900	923	900	924	930	893	918	891	903	10879
15-17	MEAN	35.6	37.1	42.2	51.0	59.7	64.1	64.2	63.6	61.7	53.2	43.4	37.9	51.2
	S D	11.993	12.829	13.648	13.844	9.764	6.482	5.026	4.277	7.272	11.204	14.155	13.455	15.437
	TOTAL OBS	920	839	926	895	912	886	912	917	879	909	891	894	10780
18-20	MEAN	35.0	37.8	41.2	51.4	59.7	63.3	63.3	63.1	61.6	52.6	43.2	38.4	51.1
	S D	11.492	12.736	13.503	13.540	9.694	6.198	5.440	4.389	7.289	10.905	13.186	12.884	15.042
	TOTAL OBS	807	749	843	809	810	817	859	859	815	844	820	809	9841
21-23	MEAN	34.5	38.1	41.8	52.0	61.0	64.3	64.2	64.5	62.5	52.1	42.6	38.9	51.5
	S D	10.754	12.561	13.218	13.593	8.091	5.671	5.382	3.994	7.097	10.844	12.641	12.163	15.127
	TOTAL OBS	754	725	837	799	767	762	805	794	751	783	743	747	9267
ALL HOURS	MEAN	34.8	37.7	42.8	52.3	61.0	65.3	66.1	65.9	63.2	53.4	43.3	38.2	52.2
	S D	11.392	12.911	13.642	13.394	8.484	5.895	4.952	4.062	7.261	11.151	13.619	12.897	15.682
	TOTAL OBS	6432	6006	6798	6547	6568	6434	6666	6684	6243	6472	6229	6278	77357

CLIMATE CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7.2015 LAUGHLIN AFB TX
STATION STATION NAME

69-70, 73-80
PERIOD

OCT
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	93.4	80.7	66.2	47.1	24.4	4.2	67.2	577
	03-05	100.0	99.0	99.2	96.5	88.9	80.0	62.9	43.6	10.0	74.1	660
	06-08	100.0	100.0	99.7	95.4	93.3	86.1	73.6	51.8	16.1	77.8	872
	09-11	100.0	99.0	94.6	86.6	75.2	59.4	40.3	23.0	4.7	64.0	909
	12-14	100.0	96.7	83.2	66.0	47.3	29.0	15.9	7.7	1.9	50.2	916
	15-17	100.0	94.9	75.7	54.5	32.7	19.6	9.9	5.3	1.7	44.9	909
	18-20	100.0	98.1	87.8	70.5	49.8	34.4	19.7	8.9	1.5	50.7	844
	21-23	100.0	100.0	97.3	86.0	71.4	52.4	33.5	16.1	2.8	61.6	793
TOTALS		100.7	98.6	92.2	81.5	67.4	53.4	37.9	22.6	5.4	61.6	6472

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

722615

LAUGHLIN AFB TX

69-70,73-P1

ALL

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%		
JAN	ALL	100.0	98.6	91.9	82.6	71.6	59.0	43.3	27.5	15.3	64.8	6432
FEB		100.0	94.0	85.3	76.0	65.2	53.5	41.0	27.7	13.5	61.3	6076
MAR		99.9	91.2	80.4	68.3	55.6	43.1	31.1	19.7	7.1	55.3	6798
APR		99.5	92.7	84.1	74.4	63.8	53.1	41.4	28.6	9.9	60.5	6547
MAY		100.0	98.4	93.6	86.2	74.1	59.3	45.6	29.0	6.4	64.9	6560
JUN		100.0	99.4	94.3	82.8	67.4	51.3	36.3	18.9	4.6	61.1	6434
JUL		100.0	99.3	89.6	75.6	61.1	46.1	32.7	18.0	4.0	58.2	6666
AUG		100.0	99.9	94.5	77.1	61.3	44.0	27.2	10.3	.8	57.0	6684
SEP		100.0	99.5	95.2	85.1	70.2	53.3	37.2	19.0	2.6	61.7	6243
OCT		100.0	98.6	92.2	81.5	67.4	53.4	37.9	22.6	5.4	61.6	6472
NOV		100.0	97.2	90.7	80.7	69.0	56.0	42.3	26.3	8.4	62.7	6229
DEC		99.9	97.2	90.1	79.8	68.7	56.2	42.6	26.1	14.0	63.5	6278
TOTALS		99.9	97.2	90.2	79.2	66.3	52.4	38.2	23.0	7.7	61.1	77357

USAFETAC

FORM
JUN 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

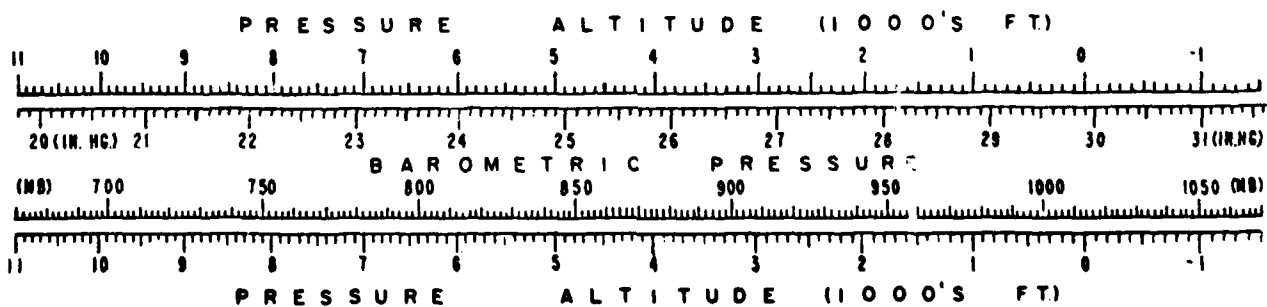
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX
STATION

69-70,73-81
YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN	28.983	28.957	28.802	28.791	28.735	28.791	28.821	28.823	28.825	28.890	28.951	28.957	28.862
	S D	.194	.192	.178	.154	.127	.097	.063	.071	.100	.148	.185	.194	.172
	TOTAL OBS	250	239	279	262	221	217	226	229	186	202	240	248	2799
5	MEAN	28.978	28.934	28.812	28.790	28.718	28.783	28.818	28.822	28.823	28.881	28.937	28.968	28.851
	S D	.194	.190	.179	.146	.126	.098	.063	.070	.099	.149	.178	.198	.166
	TOTAL OBS	186	184	217	210	217	210	217	217	180	188	180	186	2392
6	MEAN	28.966	28.947	28.811	28.796	28.753	28.801	28.836	28.829	28.829	28.888	28.950	28.946	28.862
	S D	.192	.192	.173	.160	.142	.104	.061	.076	.103	.159	.186	.190	.166
	TOTAL OBS	292	270	300	289	292	281	291	293	279	290	280	272	3429
9	MEAN	29.014	28.995	28.860	28.840	28.790	28.833	28.868	28.863	28.867	28.934	28.999	28.995	28.903
	S D	.193	.191	.175	.161	.142	.107	.063	.071	.103	.157	.186	.190	.168
	TOTAL OBS	295	274	305	295	300	291	300	304	288	298	280	283	3513
12	MEAN	29.008	28.994	28.845	28.823	28.772	28.815	28.851	28.849	28.853	28.916	28.978	28.986	28.890
	S D	.195	.191	.177	.160	.144	.107	.063	.069	.104	.154	.189	.187	.170
	TOTAL OBS	308	281	310	300	308	300	308	310	298	306	297	301	3627
15	MEAN	28.921	28.903	28.755	28.749	28.707	28.755	28.791	28.781	28.782	28.842	28.898	28.901	28.815
	S D	.196	.194	.177	.163	.144	.109	.064	.070	.105	.154	.188	.186	.168
	TOTAL OBS	308	281	310	300	308	300	308	310	298	306	297	301	3627
18	MEAN	28.927	28.892	28.732	28.714	28.678	28.720	28.751	28.746	28.762	28.830	28.899	28.904	28.796
	S D	.197	.191	.180	.162	.140	.107	.067	.073	.106	.156	.187	.188	.174
	TOTAL OBS	283	256	285	274	274	280	293	295	282	291	288	286	3387
21	MEAN	28.972	28.935	28.779	28.761	28.718	28.759	28.781	28.785	28.806	28.868	28.940	28.944	28.835
	S D	.195	.192	.182	.162	.136	.100	.067	.072	.106	.157	.189	.189	.173
	TOTAL OBS	254	244	279	267	265	263	278	276	261	272	251	250	3160
ALL HOURS	MEAN	28.971	28.945	28.800	28.784	28.735	28.782	28.815	28.812	28.818	28.881	28.944	28.949	28.852
	S D	.197	.195	.182	.163	.143	.110	.074	.081	.109	.158	.189	.192	.173
	TOTAL OBS	2176	2029	2285	2197	2185	2142	2221	2234	2072	2153	2113	2127	25934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

722615 LAUGHLIN AFB TX

69-70,73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0		MEAN 1021.0	1019.9	1014.0	1013.3	1011.1	1012.9	1013.8	1013.9	1014.1	1016.8	1019.4	1019.8	1015.9
		S D 7.106	6.973	6.505	5.618	4.586	3.510	2.339	2.541	3.642	5.448	6.809	7.085	6.429
		TOTAL OBS 250	239	279	262	221	217	226	229	186	202	240	248	2799
7		MEAN 1020.8	1019.0	1014.3	1013.2	1010.5	1012.5	1013.7	1013.8	1014.0	1016.5	1018.9	1020.2	1015.4
		S D 7.096	6.977	6.539	5.322	4.543	3.559	2.301	2.521	3.591	5.522	6.576	7.475	6.247
		TOTAL OBS 186	184	217	210	216	210	217	217	180	188	180	186	2391
16		MEAN 1020.4	1019.5	1014.3	1013.5	1011.7	1013.1	1014.3	1014.0	1014.2	1016.7	1019.4	1019.5	1015.8
		S D 7.117	7.024	6.337	5.809	5.159	3.806	2.257	2.867	3.770	5.930	6.837	6.945	6.259
		TOTAL OBS 292	270	300	289	292	280	291	293	279	290	280	272	3428
19		MEAN 1022.1	1021.2	1016.1	1015.1	1013.0	1014.3	1015.5	1015.3	1015.6	1018.4	1021.1	1021.3	1017.3
		S D 7.114	7.031	6.445	5.812	5.186	3.886	2.293	2.657	3.790	5.821	6.815	6.964	6.336
		TOTAL OBS 295	274	305	295	300	291	299	303	288	298	280	282	3510
17		MEAN 1021.8	1021.1	1015.5	1014.4	1012.3	1013.6	1014.9	1014.8	1015.1	1017.7	1020.3	1020.8	1016.8
		S D 7.150	7.045	6.480	5.832	5.210	3.857	2.322	2.515	3.800	5.700	6.930	6.817	6.389
		TOTAL OBS 308	281	310	299	308	299	308	310	298	306	297	301	3625
22		MEAN 1018.7	1017.9	1012.3	1011.7	1010.0	1011.5	1012.7	1012.3	1012.5	1015.0	1017.4	1017.8	1014.4
		S D 7.168	7.037	6.486	5.945	5.268	3.933	2.354	2.553	3.838	5.679	6.904	6.792	6.270
		TOTAL OBS 307	281	309	300	308	299	307	310	297	306	297	301	3622
18		MEAN 1019.0	1017.5	1011.5	1010.6	1009.0	1010.3	1011.3	1011.1	1011.8	1014.7	1017.6	1018.0	1013.5
		S D 7.195	6.971	6.577	5.932	5.088	3.837	2.418	2.643	3.894	5.734	6.871	6.928	6.524
		TOTAL OBS 283	256	285	274	274	280	293	295	281	291	288	286	3386
1		MEAN 1020.6	1019.2	1013.2	1012.3	1010.5	1011.7	1012.4	1012.5	1013.4	1016.1	1019.1	1019.5	1014.9
		S D 7.144	6.958	6.618	5.871	4.914	3.610	2.487	2.611	3.887	5.804	6.898	6.908	6.500
		TOTAL OBS 254	243	279	267	265	263	278	276	261	271	251	250	3158
ALL HOURS		MEAN 1020.5	1019.4	1013.9	1013.0	1011.0	1012.5	1013.6	1013.5	1013.8	1016.5	1019.1	1019.6	1015.5
		S D 7.224	7.113	6.649	5.940	5.179	3.965	2.695	2.935	3.979	5.844	6.941	7.060	6.492
		TOTAL OBS 2175	2028	2284	2196	2184	2139	2219	2233	2070	2152	2113	2126	25919

END

DATE
FILMED

8 8 2

DTIC