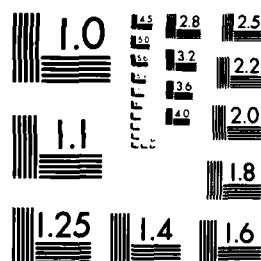


1 OF

AD
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

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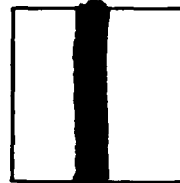
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USAFETAC/DS-81/103

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25 Nov. '81

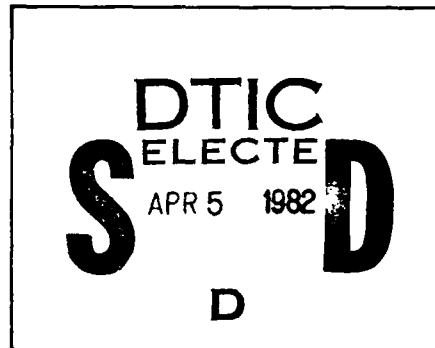
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USAFETAC/DS-81/103

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DATA W-14Z
1700 46 1707 04 100 HGT 10 FT LFLA 100 08500

DATA W-1
FOR EACH HOUR: MAR 71 - FEB 81

FOR FROM LATELY (3): JAN 44 - FEB 45, FEB 46 - FEB 47
MAR 70 - FEB 71

NOV 25 1981

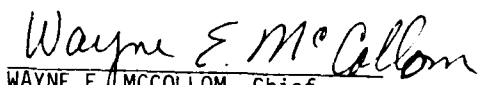
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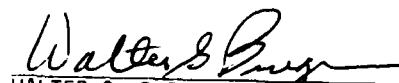
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This technical report has been reviewed and is approved for publication.


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

FOR THE COMMANDER


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

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are reported on the Report of Surface Observations (Form 1601) and are the basis for the Uniform Summary.

DAILY OBSERVATIONS

Daily observations are reported on the Report of Daily Observations (Form 1602) and are the basis for the Uniform Summary.

DESCRIPTION OF SUMMARIES

The Uniform Summary is a summary of the observations reported on the Report of Surface Observations (Form 1601) and the Report of Daily Observations (Form 1602) for a given day. It is a summary of the observations for a given day and is used for the purpose of weather forecasting and analysis.

The Uniform Summary is divided into six parts, A through F, as follows:

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

Standard 3-hour groups are defined as three-hour periods corresponding to the following hours of the day: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, and 2100-2300.

MISSING HOUR GROUPS

Missing hour groups are defined as three-hour periods for which observations were not reported. These missing groups are listed below and are representative of the summaries prepared from hourly observations.

0000-0200	0300-0500	0600-0800	0900-1100
1200-1400	1500-1700	1800-2000	2100-2300
0000-0200	0300-0500	0600-0800	0900-1100
1200-1400	1500-1700	1800-2000	2100-2300

STATION NO ON SUMMARY 13201	STATION NAME LAJES FLD AZORES/TERCEIRA	LATITUDE N 38 46	LONGITUDE W 027 06	FIELD ELEV (FT.) 180	CALL SIGN LPLA	WMO NUMBER 08509
--------------------------------	---	---------------------	-----------------------	-------------------------	-------------------	---------------------

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE NSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Lagens AAF Azores	AAF	Jan 44	Aug 47	N 38 45	W 027 05	171	173 Ft	24
2	Same	Same	Sep 47	Jun 48	Same	Same	176	176 Ft	24
3	Lajes Fld Azores	AF	Jul 48	Mar 53	Same	Same	189	177 Ft	24
4	Same	Same	Apr 53	Mar 58	Same	Same	Same	Same	24
5	Same	Same	Apr 58	May 59	Same	Same	186	Same	24
6	Same	Same	Jun 59	Apr 61	Same	Same	190	176	24
7	Same	Same	May 61	May 80	N 38 46	W 027 06	180	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 44	Located in middle wing of operations bldg	Ane-mometer	N/A	28 Ft	
2	Jul 48	1. Located on top of terminal bldg 2. Located side of wind sock along rnwy 16 & 34	Selsyn AN/GMQ-1	ML-144 ML-204B	65 Ft 30 Ft	
3	Mar 55	1. Located on top of hydrogen shelter	AN/GMQ-1	ML-204B	25 Ft	
4	Sep 56	1. Same 2. Located on the W side of rnwy 16 & 34	Same AN/GMQ-1	Same RO-2	Same 13 Ft	
5	Jun 58	1. Located on approach end rnwy 34 2. Located on approach end of rnwy 16	AN/GMQ-1 Same	RO-2 Same	30 Ft 10 Ft	

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM QUOTIDIAN OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
TOTALS		.1	10.7				10.8	.1	.5			.4	747

ORIGINAL DATA SOURCE: SYNOPTIC CHD

WEATHER CONDITIONS

UNITED STATES AIR FORCE
 WRIGHT-PATTERSON AIRFIELD
 DAYTON, OHIO 45433

STATION WPAFB STATION NAME WPAFB YEARS 74-81 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
6-0		.1	12.0			.1	13.1		.7			.7	49
7-		.2	12.0			.1	13.1	.1	.7			.8	49
8-10		.2	14.1			.1	14.3	.1	.4			.8	49
9-11		.1	14.1				14.2	.7	1.3			1.8	49
10-14			12.7				13.7	.4	1.3			1.8	49
15-17		.2	11.8			.1	11.7		1.3			1.6	49
18-20			11.2				11.2	.8	1.4			2.2	49
11-23		.1	13.1				13.1	.4	.8			1.2	49
TOTALS		.1	13.2			.1	13.2	.5	1.3			1.5	671

ORIGINAL DATA COURTESY OF WRIGHT-PATTERSON

WEATHER CONDITIONS

WORLDWIDE METEOROLOGICAL SERVICE
 WASHINGTON, D.C. 20540
 FORM 0-10-5 (OL. A)

STATION WORLDWIDE METEOROLOGICAL SERVICE STATION NAME WORLDWIDE METEOROLOGICAL SERVICE YEARS 71-72 MONTH 1-4

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
1-1	0-1		10.0				10.0	.0	.0			10.0	100
1-2	1-2	.3	10.7				10.7	.4	.1			10.7	100
1-3	2-3		10.0				10.0	.0	.0			10.0	100
1-4	3-4	.1	11.0				11.0	1.0	1.0			11.0	100
1-5	4-5	.1	10.0				10.0	.6	1.0			10.0	100
1-6	5-6	.1	11.0				11.0	.3	1.0			10.0	100
1-7	6-7	.1	10.0				10.0	.1	1.0			10.0	100
1-8	7-8		10.0				10.0	.0	1.0			10.0	100
TOTALS		.1	10.0				10.0	.0	1.0			10.0	700

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

WEATHER CONDITIONS

STATION 101 AFA STATION NAME 71-0 YEARS 1948 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
1-31			5.8				9.8	.2	7.8			0.2	101
2-28			11.4				11.8	.7	1.0			0.4	101
3-31		.1	10.6				15.6	.6	1.0			0.1	101
4-30		.1	7.1				8.1	.1	1.7			0.7	101
5-31			.3				1.8	.3	2.2			0.6	101
6-30			5.7				9.7	.4	3.0			0.4	101
7-31			11.2				13.2	.3	3.6			0.3	101
8-31			10.0				15.0	.4	3.7			0.4	101
9-30													
10-31													
11-30													
12-31													
TOTALS		0.2	17.2				15.0	.4	2.6				736

ORIGINAL DATA RECORDED IN SYNOPSIS CODE

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE OF EACH
CONDITION FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
			7.7				7.7	0.4	1.0			1.1	27
			7.7				7.7	0.4	1.1			1.1	27
			7.7				7.7	0.4	0			1.1	27
			7.7				7.7					1.1	27
			7.7				7.7	0.1	0			1.1	27
			7.7				7.7	0.1	0			1.1	27
			7.7				7.7	0.1	1.0			1.1	27
			7.7				7.7	0.2	1.0			1.1	27
TOTALS			7.7				7.7	0.2	0			1.1	744

ORIGINAL DATA THROUGH 15 AUGUST 1961

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF OCCURRENCE OF WEATHER
CONDITIONS FOR ANNUAL PERIOD

MONTH	HOURS (EST)	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
			1.7				1.7	1.1	3.8			1.1	7.6
			.				1.4	1.1	5.			.2	7.7
			1.				1.1	1.2	3.1			1.4	5.8
	11-12		7.6				7.6	1.1	4.			.2	9.0
	1-11		7.6				7.6	.4	2.0			.4	10.0
	1-1		.7				3.8	.3	4.1			4.7	8.9
	1-1		6.7				6.7	.3	4.7			1.3	11.7
	1-1		7.				7.1	.4	4.7			.1	12.2
TOTALS			4.1				4.3	.7	5.7			1.1	7.1

ORIGINAL DATA - CORRECTED SYNTHETIC DATA

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

NUMBER AND PERCENTAGE OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
			4.4				4.4	.1	2.7			.7	7.8
		.4	0.0				6.0	.0	2.0			1.4	9.4
		.4	0.0				6.0	.0	2.0			.4	8.4
	1-11	.1	0.0				6.0	.0	1.0			.1	7.1
	12-12		0.0				4.7	.0	3.0			3.0	7.7
	12-17		0.0				3.7	.1	3.1			.2	6.8
	1-17	.1	0.0				6.0	.1	3.7			1.0	9.8
	1-27		4.0				4.0	.0	2.7			.7	6.7
TOTALS		.4	4.0				4.0	.1	2.7			1.4	7.6

ADDITIONAL DATA REFERRED TO IN SYNOPSIS CODES

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

UNITED STATES DEPARTMENT OF COMMERCE
BUREAU OF METEOROLOGY

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
1-1			4.7				4.7		1.0			1.0	1
1-2			4.7				4.7		1.0			1.0	1
1-3		.2	4.9				5.1		.2			.2	2
1-11		.2	4.7				4.9		1.0			1.0	1
1-15		.2	3.8				4.0		1.0			1.0	1
1-17		.1	3.7				3.8		1.0			1.0	1
1-20		.2	3.7				3.9		1.0			1.0	1
1-21		.2	4.0				4.2	.2	1.0			1.0	1
TOTALS		.2	4.2				4.2	.2	1.0			1.0	74

ORIGINAL DATA INDICATED IN SYNOPSIS DATA

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	1-1	.2	1.7				6.7	.1	1.1			1.7	1.0
	2-1		2.1				7.4	.1	.			1.1	1.0
	3-1		1.7				6.7	.1	1.1			1.4	1.0
	4-1		2.1				6.7	.1	1.1			.1	1.0
	5-1	.2	1.7				6.7	.1	1.1			1.7	1.0
	6-1		1.7				6.7	.1	1.1			1.7	1.0
	7-1		1.7				6.7		1.1			1.1	1.0
	8-1		1.7				7.4	.1	.			1.1	1.0
	9-1		1.7				6.7	.1	1.1			1.7	1.0
	10-1		1.7				6.7	.1	1.1			1.7	1.0
	11-1		1.7				6.7	.1	1.1			1.7	1.0
	12-1		1.7				6.7	.1	1.1			1.7	1.0
	1-2		1.7				6.7	.1	1.1			1.7	1.0
	2-2		1.7				6.7	.1	1.1			1.7	1.0
	3-2		1.7				6.7	.1	1.1			1.7	1.0
	4-2		1.7				6.7	.1	1.1			1.7	1.0
	5-2		1.7				6.7	.1	1.1			1.7	1.0
	6-2		1.7				6.7	.1	1.1			1.7	1.0
	7-2		1.7				6.7	.1	1.1			1.7	1.0
	8-2		1.7				6.7	.1	1.1			1.7	1.0
	9-2		1.7				6.7	.1	1.1			1.7	1.0
	10-2		1.7				6.7	.1	1.1			1.7	1.0
	11-2		1.7				6.7	.1	1.1			1.7	1.0
	12-2		1.7				6.7	.1	1.1			1.7	1.0
TOTALS		.1	1.7				6.6	.1	1.7			1.4	1.0

ORIGINAL DATA INCLOSED IN SYNOPSIS CODE

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

ORIGINAL DATA LOGGED IN SYNOPSIS CLD

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
		.5	11.0				10.3	.2	2.1			1.0	11
			1.4				11.4	.1	.4			.1	11
		.2	11.7				11.3	.2	.3			.3	11
	17-11		2.0				3.0	.2	1.3			1.5	11
	17-1		7.0				7.0		1.5			1.5	11
	17-17		1.7				3.7		2.7			1.0	11
	17-1	.2	.1				3.1	.2	1.5			.1	11
	17-17	.2	10.1				1.1	.1	1.7			1.7	11
TOTALS		.1	.1				4.3	.2	1.7			1.0	744

ORIGINAL DATA LOGGED IN SYNOPSIS CLD

WEATHER CONDITIONS

STATION WINDY HARBOR STATION NAME WINDY HARBOR YEARS 1951-1952 MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	1-31		7.1				7.1	.0	1.1			.0	210
	2-28	.2	5.0				5.2	1.1	1.0			1.1	210
	3-31	.1	10.0				10.1	1.0	1.1			1.0	210
	4-30		11.0				11.0	.0	1.0			.0	210
	5-31	.1	10.7				10.8	.0	1.1			1.0	210
	6-30	.1	10.0				10.1	.0	1.0			1.0	210
	7-31	.1	11.7				11.8	.0	1.0			1.0	210
	8-31		9.0				9.0	1.0	1.0			1.0	210
	9-30												
	10-31												
	11-30												
	12-31												
TOTALS		.1	10.0				10.0	.0	1.0			1.0	2100

PERCENTAGE DATA BASED ON SYNOPSIS COUNT

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

UNITED STATES AIR FORCE WEATHER SERVICE
 DATA DERIVED FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
			11.7				11.4	.1	.1			.1	
		.1	12.7			.1	12.4						
			11.7				12.2						
	1-11		12.6				12.2	.1	.1			.1	
	11-11	.1	12.2				12.1	.1	.4			.5	27
	1-11	.1	11.1				12.1		.1			.1	27
	1-11		12.7				12.2						27
	1-11		12.2				12.1	.1	.1			.1	27
TOTALS		.1	12.1			.1	12.1	.1	.1			.1	7403

ORIGINAL DATA PROVIDED IN SYNOPSIS ONLY

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

NO. 1A (1) IS A COPY OF SUPPLEMENT OF REPORT
 OF STATION FORM NO. 1A (1) OF 1947

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBS: TO VISION	TOTAL NO OF OBS
	122	.1	1.0				12.0	.1	.0			.4	71.0
		.1	1.0			.1	12.0	.1	1.0			1.0	71.0
		.1	1.0				12.0	.1	1.0			1.0	71.0
		.1	1.0				12.0	.1	2.0			1.0	71.0
							4.0	.1	.0			1.1	71.0
							4.0	.1	1.0			1.0	71.0
		.1	4.0				4.0	.1	1.0			1.0	71.0
		.1	4.0				4.0	.1	1.0			1.1	71.0
		.1	1.0				6.0	.1	1.0			1.0	71.0
		.1	1.0				6.0	.1	1.0			1.0	71.0
		.1	1.0				12.0	.1	1.0			1.0	71.0
		.1	1.0				12.0	.1	.1			.2	71.0
TOTALS		.1	1.0			.1	4.0	.1	1.0			1.0	71.0

NO. 1A (1) IS A COPY OF SUPPLEMENT OF REPORT
 OF STATION FORM NO. 1A (1) OF 1947

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.

WEATHER CONDITIONS

ATMOSPHERIC TRANSMITTANCE

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

FOR OFFICIAL USE ONLY WITH VARIOUS ATMOSPHERIC OBSERVATIONS
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
1	11.2	1.0	1.0		.1	1.1	11.0	4.0	3.0			7.0	10.0
2		2.0	2.0		.1	1.7	7.0	4.0	2.0			1.0	10.0
3		1.0	1.0		.1	1.0	7.0	4.0	5.0			.7	10.0
4		.4	.7			.5	15.0	4.0	9.0			17.0	10.0
5		.5	1.2			.1	11.0	6.0	7.0			1.0	10.0
6		.0	1.0			.1	20.0	10.0	7.0			1.0	10.0
7		1.0	1.0				5.0	2.0	4.0			.0	10.0
8		1.0	1.0			.1	5.0	2.0	4.0			.0	10.0
9		1.0	1.0				4.0	2.0	1.0			.0	10.0
10		1.1	1.0			.1	7.0	4.0	4.0			7.0	10.0
11		2.0	2.0			.1	7.0	6.0	1.0			.0	10.0
12		1.0	1.0		.5	1.5	7.0	5.0	2.0			7.0	10.0
TOTALS		1.0	1.0		.0	.0	10.0	5.1	6.0			7.0	10.0

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

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

B

- 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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

19231 STATION NAME 44-51 YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	101 250	251 500	501 1000	1001 2000	2000 OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	105 154	155 254	255 504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4	7 12	13 24	25 36	37 48	49 60	61 70	OVER 70						
JAN	17.0	17.0	0.7	13.6	0.4	13.2	11.0	9.1	7.1	0.0				61.6	1115	5.70	17.7	1.17	
FEB	10.4	15.7	0.4	13.9	7.7	15.0	11.7	5.3	4.0	0.0				61.4	1012	5.44	17.0	0.07	
MAR	23.7	14.9	0.5	13.1	0.1	11.6	9.4	8.7	7.7	0.3				57.7	1042	5.71	16.2	0.08	
APR	19.1	21.6	0.1	12.8	0.0	11.2	5.0	4.0	1.0					46.3	1040	3.58	9.95	0.77	
MAY	15.7	25.4	0.4	13.6	7.8	7.3	3.1	1.0	1.0					71.9	1115	1.81	4.74	0.13	
JUN	10.4	24.5	0.5	12.5	7.9	5.1	2.9	1.0	1.0	0.0				36.1	1054	1.76	5.07	0.07	
JUL	41.8	22.2	4.7	12.5	4.4	5.1	3.2	1.7	0.9	0.3				32.0	1116	1.73	5.96	0.00	
AUG	42.0	21.7	4.7	12.5	4.4	5.2	3.1	2.0	0.0	0.1				34.0	1116	1.77	5.47	0.00	
SEP	24.7	22.0	5.7	11.6	6.7	5.4	5.6	2.7	2.0	0.2				43.7	1043	1.21	3.24	0.32	
OCT	27.1	23.0	4.0	12.2	5.2	11.7	9.0	5.5	3.1	0.3	0.1			56.4	1147	5.23	13.91	1.77	
NOV	17.0	23.6	5.5	13.3	0.4	12.4	8.1	6.4	3.7	0.3				56.0	1180	5.61	14.00	0.05	
DEC	1.0	17.8	7.0	14.6	9.1	12.7	7.3	3.2	3.5	0.5	0.1			50.7	1115	5.25	15.3	0.07	
ANNUAL	11.0	21.0	5.5	13.2	7.0	9.6	6.4	4.5	7.7	0.0	0.0			49.4	1311	4.00	15.32	0.00	

AFRICA TOLEDO AREA 24

STATION 561101740

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

STATION

561101740

STATION NAME

44-11

YEARS

MONTHLY AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4					1.40	.1	.55	.77	1.47	.91	1.75		
4		.3	1.11	1.34	.62	.92	.11	.72	1.52	.97			
4										.5	.37	1.5	
4		.31	.71	.37	.17	.16	2.13	1.81	.21	1.24	2.74	1.5	1.74
4		2.33	1.71	.23	1.41	1.08	.46	.4	1.27	2.27	1.23	1.27	1.27
4		1.71	.91	.3	.77	1.72	.92	1.19	1.62	2.21	1.21	1.71	1.21
4			.87	.15	.55	.49	.77	.33	.74	2.32	1.22	1.11	1.11
1		1.1	2.11	1.54	1.72	1.19	4.43	.27	.52	3.11	.31	.72	4.43
1		2.4	2.73	.46	.73	1.22	2.54	.74	1.23	.17	.1	2.31	2.31
1		2.32	.61	1.22	.24	.31	.02	.42	1.41	1.27	.62	.22	1.27
1		1.1	.11	.37	1.12	.72	.46	.1	.23	.27	.36	.67	1.27
1		1.27	1.22	.82	.23	.94	.11	.41	1.32	.47	2.31	.72	1.37
5		1.22	.41	.87	1.22	.33	.77	.43	.46	1.27	2.33	1.62	1.62
5		1.51	.49	1.21	1.17	.26	.59	.94	.60	1.24	.22	2.21	2.21
5		.14	1.51	1.5	1.41	1.57	.55	.49	.57	1.24	1.27	.93	1.12
5		1.51	1.3	1.24	.92	2.17	.22	.56	.11	2.21	1.12	2.11	2.11
5		1.23	2.38	.97	1.55	.57	.21	.12	1.17	1.27	1.24	1.11	1.11
5		.22	1.37	1.29	1.14	.53	1.59	.34	1.54	1.24	1.3	1.37	2.11
5		.7	.76	2.45	1.75	1.74	1.06	.61	.67	1.37	1.77	.93	1.71
5		1.4	.72	1.24	1.12	.11	1.44	.71	.27	.41	3.29	.93	1.27
5		1.4	3.26	.37	.77	.83	.49	1.32	.31	1.2	.1	2.11	1.27
5			1.81	.73	.25	.33	.43	.61	.36	.34	.79	2.32	4.14
6		1.27	1.55	.17	.71	.37	.33	.32	.75	.47	2.26	1.3	1.62
6			1.0	.35	.3	1.24	2.27	.41	1.32	.22	.1	.41	2.11
6		1.27	1.26	1.27	.71	.36	.83	.77	.13	1.14	1.27	1.58	1.77
6		.17	1.66	1.11	.14	.63	.37	.35	.63	.27	1.27	.22	1.12
6		1.27	1.44	2.25	1.7	1.22	.14	.38	.77	1.21	1.22	2.25	1.58
11		2.25	1.39	1.3	.41	.22	1.07	1.04	.29	2.83	1.93	.11	1.72
11		2.4	.83	1.7	.4	.24	.11	.62	.25	2.35	1.26	.35	1.23
11		1.21	1.44	1.35	1.12	.27	2.61	.27	.43	1.12	1.2	.33	2.11
MEAN													
S.D.													
TOTAL OBS													

NOTE: * (BASED ON LESS THAN FULL MONTHS)

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 AIR FORCE WEATHER SERVICE

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

1 401 STATION NAME

44-11

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	1.91	.20	1.07	1.70	.40	.72	.25	.5	.41	2.80	.67	.91	1.33
75	2.21	.8	.76	.42	.14	1.21	.74	.72	.82	1.25	.32	2.52	2.90
76	1.78	.64	.47	.45	.21	2.45	1.45	2.45	0.17	1.17	1.99	1.1	2.45
77	1.7	1.55	1.52	.91	.24	1.77	.43	.2	1.21	.75	2.26	2.1	2.53
78	.3	1.41	.31	.3	.25	.73	.26	.91	.1	2.7	1.79	1.71	2.37
79	1.7	1.85	1.77	1.42	1.12	.42	.43	.57	.54	.74	1.46	.71	1.49
80	.5	1.49	1.43	2.11	.79	.47	.56	.76	.9	.29	1.44	1.23	1.11
81	.7	1.29											
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
00													
MEAN	1.44	1.37	1.333	.954	.663	.818	.747	.753	1.13	1.597	1.36	1.46	1.363
SD	.729	.716	.802	.69	.507	.741	.926	.671	.773	1.482	.728	1.132	1.349
TOTAL OBS	111	1002	1032	1090	1116	1169	1116	1116	1181	1147	1383	1116	13114

NOTE: BASED ON LESS THAN FULL MONTHS

U.S. DEPARTMENT OF COMMERCE
 NATIONAL BUREAU OF METEOROLOGY
 WASHINGTON, D.C. 20541

EXTREME VALUES

MONTHLY PRECIPITATION
 FROM DAILY OBSERVATIONS

STATION 10001 A A C STATION NAME 44-11 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4				1.14	3.18	.89	2.91	.75	1.14	2.67	2.21	1.7	
4	1.32	1.47	2.02	1.03	3.22	1.07	.32	1.02	1.24	4.26			
4										4.9	2.24	6.23	
4	6.22	1.21	6.23	.77	.79	.93	4.13	4.13	1.01	7.79	3.82	4.51	11.47
4	.24	6.16	1.67	1.24	3.26	1.13	1.73	2.8	3.64	5.7	3.66	5.24	11.57
4	7.21	7.58	1.54	1.75	3.44	.92	1.21	4.52	4.79	7.21	2.31	6.34	13.14
4	2.33		2.77	1.35	1.74	1.73	1.36	1.66	1.42	6.43	5.7	4.2	
4	2.21	3.4	6.83	6.31	2.83	3.53	5.56	1.01	2.12	2.11	2.01	1.54	11.92
4	7.22	11.35	.67	1.45	1.19	1.6	6.94	1.53	4.83	2.84	2.51	.1	51.27
4	6.23	1.35	6.23	4.13	.24	.52	.2	1.01	2.41	4.31	2.47	.21	22.22
4	4.2	.46	1.31	2.77	2.22	.72	.35	.59	.32	1.72	.92	1.4	27.12
4	2.24	2.47	2.31	1.27	1.27	.34	.85	2.12	1.21	4.75	4.51	2.47	17.20
4	.67	2.35	2.42	2.61	.61	.23	.57	1.1	3.24	2.87	5.14	1.7	17.27
4	1.42	4.37	2.87	2.12	.13	2.41	2.25	1.35	5.13	2.01	11.92	2.51	11.52
4	4.55	5.7	6.32	4.13	4.26	.99	1.12	1.33	3.47	3.17	4.21	2.2	47.23
4	2.21	3.21	4.31	2.4	2.6	.44	1.22	.73	6.12	4.87	4.86	1.62	13.52
4	1.52	1.87	2.24	2.17	2.14	1.45	.44	2.73	1.74	2.32	2.27	1.7	47.0
4	4.7	5.86	1.26	3.55	1.24	1.79	.26	2.22	2.57	4.2	2.12	13.21	11.47
4	2.25	.22	10.45	2.9	4.74	1.53	1.22	1.79	2.73	5.67	1.55	2.11	42.7
4	7.21	3.39	2.24	5.56	.41	3.67	2.03	.22	1.21	9.11	2.11	5.26	16.2
4	6.22	13.5	.24	1.12	2.12	1.72	2.82	1.95	2.82	4.27	7.72	4.2	2.45
4	2.27	2.21	4.34	1.0	.63	.66	.81	1.41	2.27	3.67	12.14	11.22	52.45
4	13.32	13.26	2.23	4.23	.95	.92	1.34	2.33	1.95	17.53	3.24	2.6	59.49
4	6.22	1.21	.66	1.67	.12	4.13	.97	4.29	1.14	2.84	2.47	15.3	246.21
4	5.25	5.75	6.82	2.0	.83	2.22	1.74	.49	2.21	6.53	6.91	4.26	49.12
4	11.25	6.33	10.62	1.73	1.44	.71	.69	1.21	.23	2.21	2.36	.63	41.73
4	10.32	3.46	2.24	4.22	1.39	.83	1.12	2.56	4.2	4.27	4.42	5.14	13.4
4	1.1	4.33	1.23	1.23	.8	1.49	1.52	.92	7.32	6.23	.65	6.22	24.12
4	3.24	4.57	4.19	1.0	.71	.3	2.26	1.25	7.56	5.32	1.51	.73	47.29
4	7.84	2.33	3.77	5.85	2.87	3.2	1.12	.61	2.11	3.63	3.63	7.17	43.22
MEAN													
S D													
TOTAL OBS													

NOTE: * (BASED ON LESS THAN FULL MONTHS)

FEDERAL METEOROLOGICAL BUREAU
 WEATHER SERVICE
 WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

12 STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION, IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7	4.21	1.7	4.35	2.35	1.48	2.66	.82	1.13	.87	13.81	7.71	3.74	43.46
7	4.28	4.56	4.25	1.27	.56	2.55	2.52	2.13	2.23	5.66	4.43	5.2	44.19
7	4.23	4.23	2.37	1.71	1.29	4.64	4.22	5.47	4.82	2.35	4.25	4.87	45.64
7	7.35	1.22	.11	2.11	1.75	5.23	1.4	.6	4.24	2.3	1.94	7.1	51.72
7	1.1	.25	2.68	1.43	1.07	1.34	.7	2.83	.57	4.72	1.14	1.19	44.7
7	3.1	2.85	3.23	2.58	2.20	1.51	1.14	1.31	1.86	3.47	5.16	2.93	42.13
7	3.73	6.26	6.44	3.6	2.55	.89	1.61	2.23	2.84	3.75	10.99	3.7	53.77
7	1.63	4.75											
MEAN	5.95	5.441	5.37	3.251	1.313	1.757	1.732	1.773	3.211	.223	5.257	5.243	45.274
S D	2.879	3.324	2.664	1.928	1.176	1.345	1.487	1.232	2.124	2.654	3.257	3.415	3.023
TOTAL OBS	111	1002	1.22	1.230	1116	1.69	1116	1116	1.83	1147	1090	111	13119

NOTE: * BASED ON LESS THAN FULL MONTHS

3

FEDERAL CLIMATOLOGY SERVICE
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAA

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 (FROM DAILY OBSERVATIONS)

STATION LAUREL AFB STATION NAME LAUREL AFB YEARS 46-51

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 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	9.7	.1												1085	0.0	0.0	0.0	
FEB	9.7	.1												941	0.0	0.0	0.0	
MAR	9.0	.1												1083	0.0	0.0	0.0	
APR	100.0													1000	0.0	0.0	0.0	
MAY	100.0													1004	0.0	0.0	0.0	
JUN	100.0													1000	0.0	0.0	0.0	
JUL	100.0													1004	0.0	0.0	0.0	
AUG	100.0													1004	0.0	0.0	0.0	
SEP	100.0													1000	0.0	0.0	0.0	
OCT	100.0													1000	0.0	0.0	0.0	
NOV	100.0													1000	0.0	0.0	0.0	
DEC	9.7	.1												1085	0.0	0.0	0.0	
ANNUAL	9.7	.1												10630	0.0	0.0	0.0	

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AT WASHINGTON FIELD SERVICE CENTER

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION: LAUGHLIN AFB STATION NAME: 48-1 YEARS: _____

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
MEAN													
S D													
TOTAL OBS													

NOTE: * (BASED ON LESS THAN FULL MONTHS)

CLIMATE OBSERVATORY BRANCH
 WASH DC
 AIRCRAFT SERVICE/AMC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

STATION 46-1 STATION NAME 46-1 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
76		TRACE								.1	.1	.0	TRACE	TRACE
77			.0	TRACE	.1	.1	.2	.0	.0	.0	.0	.0		TRACE
78			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
79	TRACE			.0	.0	.0	.1	.0	.1	.1	.0	.0		TRACE
		TRACE		.0	.0	.0		.0	.0	.0	.0			TRACE
		.0												
MEAN	TRACE	TRACE	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	TRACE	
SD	.00	.000	.000	.070	.000	.000	.000	.000	.000	.000	.000	.000	.000	
TOTAL OBS	105	961	1053	1020	1054	1009	1054	1054	1020	1055	1050	1050	12937	

NOTE * (BASED ON LESS THAN FULL MONTHS)

FEDERAL CLIMATOLOGY DIVISION
 AIR FORCE WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

1 3 1 10 0 A 11
 STATION NAME

46-1

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
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92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGICAL CENTER
 AFSTAG
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

1201 STATION LAUREN AFB STATION NAME 46-1 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
76	•	TRACE	•	•	•0	•0	•0	•0	•	•	•0	TRACE	TRACE
77	•	•0	TRACE	•	•0	•0	•0	•0	•	•	•0	•	TRACE
78	•	•	•	•	•0	•0	•0	•	•	•	•0	•	TRACE
79	TRACE	•	•0	•	•0	•0	•0	•	•	•	•0	•	TRACE
	•	TRACE	•	•0	•0	•0	•0	•	•	•	•0	•	TRACE
	•	•0											
MEAN	TRACE	TRACE	TRACE	•	•00	•00	•00	•00	•00	•00	•00	TRACE	TRACE
S.D.	•000	•000	•000	•000	•000	•000	•000	•000	•000	•000	•000	•000	•000
TOTAL OBS	1073	961	1073	120	1054	1009	1054	1054	1020	1075	1050	1075	12533

NOTE * (BASED ON LESS THAN FULL MONTHS)

3
 FEDERAL BUREAU OF SURVEYING
 NATIONAL METEOROLOGICAL SERVICE
 AIR FORCE WEATHER SERVICE/AFAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

1944-45 LAJLA AB AZ STATION NAME 44-45 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0																	1147
FEB	100.0																	1018
MAR	100.0																	1114
APR	100.0																	1080
MAY	100.0																	1114
JUN	100.0																	1067
JUL	100.0																	1116
AUG	100.0																	1116
SEP	100.0																	1080
OCT	100.0																	1147
NOV	100.0																	1080
DEC	100.0																	1116
ANNUAL	100.0																	1317

GENERAL CLIMATOLOGY BRANCH
 U.S. ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

1941 STATION A STATION NAME 44-1 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
41		0											
42		0											
43		0											
44		0											
45		0											
46		0											
47		0											
48		0											
49		0											
50		0											
51		0											
52		0											
53		0											
54		0											
55		0											
56		0											
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89		0											
90		0											
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92		0											
93		0											
94		0											
95		0											
96		0											
97		0											
98		0											
99		0											
00		0											
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SD	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL OBS	114	118	114	118	115	167	115	116	108	1147	1060	1115	13127

NOTE: * BASED ON LEAST THAN FULL MONTHS

USAF ETAC FORM JUL 64 0-88-5 (OL A)

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.

EXTREME VALUES

5-48307-101

FROM DAILY OBSERVATIONS

STATION NO. 4-21 STATION NAME 4-21 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
2	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
3	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
4	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
5	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
6	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
7	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
8	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
9	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
10	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
11	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
12	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
13	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
14	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
15	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
16	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
17	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
18	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
19	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
20	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
21	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
22	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
23	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
24	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
25	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
26	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
27	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
28	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
29	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
30	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
31	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW	43SW
MEAN													
S D													
TOTAL OBS													

NOTES * (BASE ON LESS THAN FULL MONTHS)

OFFICE OF CLIMATOLOGY BRANCH
 4700 EASTERN SERVICE ROAD

EXTREME VALUES

SURFACE WIND

FROM DAILY OBSERVATIONS

1 201 STATION 43115 A+ A1 STATION NAME 4-31 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7	1/ 4 31/ 6222/ 8000/ 4122/ 4624/ 2718/ 3922/ 241 / 272 / 4117/ 5122/ 31												21/ 62
1	31/ 4 22/ 5121/ 8316/ 3624/ 7121/ 3322/ 5120/ 3121/ 262 / 9321/ 4610/ 41												27/ 50
1	31/ 3 34/ 52												
MEAN	34.5	53.5	43.7	47.6	43.9	36.5	72.6	34.2	40.1	43.9	51.3	71.2	67.1
SD	12.23	12.564	7.441	8.656	9.715	6.485	7.929	7.384	6.971	6.812	8.189	9.426	8.534
TOTAL OBS	437	872	956	911	951	927	957	989	925	986	945	967	11371

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) 5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

U.S. AIR FORCE CLIMATE CENTER
 AFMPC
 1735 AIR FORCE SERVICE CENTER

SURFACE WINDS

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

STATION OL-A STATION NAME OL-A YEARS 75-76 MONTH 7
 CLASS OL-A HOURS (L.S.T.) 0000-2300
 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		1.1	2.4	2.3									
NNE			1.5	.1									
NE		.3	.2	.5									
ENE		1.2	1.7	.2									
E		1.4	2.5	1.8									
ESE		.1	.1	1.7	1.2	.1							
SE		.7	1.3	1.7	.9	.1							
SSE	1.7	1.7	1.2	1.1									
S	1.7	1.1	1.0	1.4	.1	.2							
SSW	1.2		.5	1.6	.5	.7	.1						
SW	1.1	.4	1.4	2.0	1.0	.5							
WSW	1.2	1.2	1.0	1.4	.3	.7	.1						
W	1.2	1.7	1.6	.9	.5	.7	.1						
WNW		1.0	2.7	1.2	.7	.4	.1						
NW	.7	1.1	1.3	2.3	.9	.7	.7						
NNW		.4	1.5	1.6	.5	.1							
VARBL		.1											
CALM												17.7	
	11.0	15.6	5.4	1.1	4.7	2.5	.9						

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE
 AIR FORCE SERVICE ZONE

SURFACE WINDS

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

STATION L-100 A A STATION NAME 70-01 YEARS 1950-51 MONTH 12
 CLASS 11-17 HOURS (L.S.T.) 00-01
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			1.4	2.2	.4							2.0	1.0
NNE			1.7	.7								2.4	7.0
NE			1.7	.7								2.4	7.0
ENE			1.1	1.1								2.2	7.0
E		1.7	2.2	2.0								2.7	7.7
ESE		.7	1.7	1.0								2.4	6.2
SE		.5	.6	.6	1.7	.1						2.2	6.5
SSE	1.7	1.6	1.7	1.0								2.3	7.1
S	1.7	1.6	1.1	1.3	.7	.7						2.6	6.1
SSW			1.7	.7	.4	.1	.1					2.1	1.0
SW	1.7	.6	1.6	1.4	1.7	.7	.1					2.7	10.7
WSW	1.7	.6	1.6	2.0	.7	.7	.1					2.6	10.4
W	1.7	1.7	1.4	1.7	.7	.7						2.7	8.4
WNW		1.7	2.7	1.1	.6	.7	.1					2.2	11.1
NW	.4	1.1	1.7	1.0	1.7	1.0	.7	.1				2.3	10.0
NNW	.1	.7	2.4	2.3	.7	.6						2.2	11.7
VARBL	.7	.7										1.4	6.0
CALM												1.4	
	11.2	19.4	24.1	27.0	5.2	4.7	.2	.1				17.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7

SURFACE WINDS

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

STATION: _____ STATION NAME: _____ YEARS: _____ MONTH: _____

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

FILE NAME: _____ DATE: _____ PART NUMBER: _____

FORM 0-8-5 (L-4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4:03:50 NOV 24, 1951

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
CLASS		HOURS (L.S.T.)	
12345678	12345678	123456789	123456789

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE METEOROLOGICAL BRANCH
 AIR FORCE WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION: LAJF, A A STATION NAME: LAJF, A A YEARS: 70-71 MONTH: ALL
 CLASS: ALL WEATHER HOURS (L.S.T.): 0000-2300
 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	.1	1.1	2.4	2.3	.1	.2						1.2	1.0
NNE		.1	1.7	.1								1.3	.1
NE	.1	.5	.6	.5								1.0	.7
ENE		1.2	1.7	.9								2.0	1.0
E	.1	1.4	2.5	1.8								2.0	1.0
ESE	.1	.1	1.3	1.2	.1							.7	1.0
SE	.1	1.3	1.7	.9	.1							1.2	1.4
SSE	1.2	1.7	1.2	1.1								1.1	1.7
S	1.2	1.1	1.9	1.4	.1	.2						1.0	1.2
SSW	1.2	.2	.5	1.5	.5	.7	.1					1.2	1.2
SW	1.1	.4	1.4	2.0	1.7	.5						1.0	1.1
WSW	1.2	1.2	1.3	1.4	.3	.3	.1					1.0	1.4
W	1.2	1.5	1.6	.9	.5	.2	.1					1.0	1.4
WNW	.5	1.5	2.0	1.2	.3	.4	.1					1.0	1.5
NW	.9	1.3	1.3	2.3	.7	.3	.3					1.0	1.3
NNW		.1	1.5	1.6	.6	.1						1.0	1.5
VARBL		.1										.1	.1
CALM												17.7	
	11.2	10.6	25.4	21.1	4.7	2.8	.9					17.0	1.7

TOTAL NUMBER OF OBSERVATIONS: 77

GENERAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE ZMAG

SURFACE WINDS

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

STATION LAJES AT AL STATION NAME 72-31 YEARS 72-81 MONTH 72-81
 CLASS ALL WEATHER
 HOURS (L.S.T.) 24
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.0	1.4	2.0	.4							4.0	1.04
NNE	.0	.0	1.3	.7								2.0	7.0
NE	.0	.0	1.2	.3								2.0	7.0
ENE		1.0	1.1	1.1								3.1	7.1
E		1.7	2.7	2.0								3.3	7.7
ESE	.0	.0	1.2	1.0								2.2	6.0
SE	.0	.5	.5	1.3	.1							2.4	6.5
SSE	.0	1.3	1.2	1.0								3.5	7.1
S	1.7	1.4	1.1	1.3	.2	.2						5.0	6.1
SSW	.0	.5	1.7	.7	.4	.1	.1					4.1	10.1
SW	1.0	.5	1.5	1.4	1.0	.0	.1					7.0	10.0
WSW	1.3	.0	1.0	2.0	.0	.5	.1					5.0	10.4
W	1.7	1.3	1.4	1.2	.5	.2						5.3	10.4
WNW	.4	1.0	2.3	1.1	.5	.6	.1					5.0	11.1
NW	.4	1.1	1.0	1.0	1.2	1.0	.3	.1				6.0	11.0
NNW	.1	.2	2.4	2.3	.5	.5						6.0	12.7
VARBL	.7	.0										.0	5.0
CALM												19.4	
	11.2	15.4	24.1	20.0	5.2	.0	.8	.1				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 47

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

SURFACE WINDS

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

STATION 01 LAUREL AFB STATION NAME LAUREL AFB YEARS 77-81 MONTH 02
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
 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	.7	1.7	1.8	1.8	.7	.1						.4	1.02
NNE	.1	1.7	1.8	.4								2.7	7.8
NE	.7	1.7	.7	.7								.7	7.8
ENE	.7	.7	1.4	1.7								2.7	7.1
E	.7	1.4	3.7	3.0								3.5	9.1
ESE	.1	.7	1.4	1.7								3.5	9.5
SE	.7	.7	1.7	.6								2.7	7.7
SSE	.7	1.4	.9	1.1								4.2	7.3
S	2.4	1.7	1.9	1.8	.4							4.4	7.7
SSW	1.4	1.7	.6	1.7	.5	.7						4.4	10.9
SW	.7	.7	1.7	1.6	.5	.6	.7					4.3	12.4
WSW	1.7	1.7	1.1	.9	.2	.3						4.3	7.1
W	1.1	3.7	1.4	1.6	.8	.7						4.1	10.7
WNW	.7	1.4	1.7	1.8	.4	.5						4.5	10.4
NW	.7	.3	1.7	1.4	.5	1.1	.5					4.5	14.5
NNW		.1	2.4	2.2	1.7	.6						4.2	13.6
VARBL	.1											.1	1.0
CALM												10.2	
	11.0	16.7	23.5	20.6	4.7	4.3	.9					10.7	8.1

TOTAL NUMBER OF OBSERVATIONS 177

U.S. AIR FORCE METEOROLOGICAL BRANCH
 AFM 64-100-101 (REV. 1-64)

SURFACE WINDS

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

STATION LAUREL AFB STATION NAME 70-81 MONTH 1A
 CLASS ALL WEATHER HOURS (L.S.T.) 000-240
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.2	2.2	1.0	.7	.1						.4	1.5
NNE	.1	1.7	1.0	.7								.1	7.0
NE	.4	1.0	.9	.1								.1	9.7
ENE	.1	.	2.7	.9								.4	1.7
E	.1	.9	2.6	2.9	.7							.1	1.7
ESE	.1	.4	1.7	2.0								.1	1.7
SE	.1	.9	1.7	.9	.7							.4	1.7
SSE	1.0	1.0	.9	1.7	.7							.1	7.4
S	.9	2.0	2.4	2.8	.6							.1	7.0
SSW	1.7	1.4	.9	.6								.1	1.7
SW	.9	1.9	1.1	2.2	.2	.4	.1					.1	1.7
WSW	.9	1.7	2.2	.9	.5	.1						.1	1.7
W	.7	2.4	2.7	.2	.4		.1					.1	1.7
WNW	.9	1.4	2.7	2.5	.4	.1						.1	1.7
NW	.9	.6	2.6	2.9	.7	1.2	.1					.1	1.7
NNW	.7	.3	1.6	2.7	.5	.6	.2					.1	1.7
VARBL													
CALM												11.7	
	7.2	13.1	29.4	23.4	5.4	2.6	.5					11.7	

TOTAL NUMBER OF OBSERVATIONS 109

NATIONAL CLIMATOLOGICAL DATA CENTER
 METEOROLOGICAL SERVICE ZONE

SURFACE WINDS

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

STATION LA JOLLA AIR AT STATION NAME LA JOLLA AIR AT YEARS 73-81 MONTH JUL
 CLASS ALL WEATHER HOURS (LST) 0000-1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.2	2.7	2.2	.3	.7	.1					.1	1.1
NNE	.2	.3	1.0	.2								.2	1.1
NE	.2	.7	1.5	.2								.2	1.1
ENE	.5	1.4	1.9	1.2								.5	1.1
E	.5	2.2	3.2	3.1	.1							.5	1.7
ESE		.1	1.5	1.3	.1							.1	11.1
SE	.1	.8	1.7	2.2	.1	.2						.1	12.1
SSE	.1	2.5	2.1	1.5	.7							.1	12.4
S	.1	1.7	3.5	3.4	.5	.2						.1	12.5
SSW		1.0	.8	1.1	.7	.3						.1	11.5
SW	.7	.1	1.6	2.7	.3	.2	.5					.1	13.5
WSW	.2	1.7	2.2	2.0	.6							.1	1.1
W	.1	1.7	1.4	1.4	.5	.2	.1					.1	11.7
WNW		.2	2.7	4.2	1.0	.1	.1					.1	11.1
NW	.1	1.1	3.1	5.2	.8	.4	.1					.1	12.1
NNW		.2	2.3	1.6	1.1	.2						.1	12.3
VARBL			.1									.1	.1
CALM												.1	.1
	5.2	17.5	32.2	33.8	6.3	3.7	1.1					11.1	11.7

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C. 20330-3100
 FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

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

STATION LAUREL AFB STATION NAME 72-81 YEARS 1961-1971
 MONTH ALL WEATHER CLASS ALL WEATHER MONTH 1961-1971
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.3	1.5	.4	.7						.1	1.1
NNE		1.7	.4									.1	.1
NE		1.2	2.3	.4	.1							.1	.1
ENE	.7	1.1	1.1	1.1								.1	.1
E	.5	2.2	3.3	2.4								.1	.1
ESE	.7	1.7	1.3	.5								.1	.1
SE	.7	2.4	1.7	1.5	.1							.1	.1
SSE	.4	1.5	3.2	1.3	.2	.1						.1	.1
S	.3	1.7	2.2	3.3	.5	.1						.1	.1
SSW	.1	1.3	1.5	.6	.2	.4	.7					.1	.1
SW	.4	.5	1.4	2.7	.1	.5	.1	.1				.1	.1
WSW	.7	.7	1.4	2.6	.5	.1		.1				.1	.1
W	.5	1.2	1.4	1.2	.4							.1	.1
WNW	.1	1.1	4.2	2.9	1.4	.1						.1	.1
NW	.7	1.7	4.5	3.5	.9	.5						.1	.1
NNW	.7	1.7	1.7	3.4	1.2	.5						.1	.1
VARBL	.1	.7										.1	.1
CALM												.1	.1
	4.1	21.4	33.1	24.4	6.2	3.4	.5	.2				1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 71

U.S. AIR FORCE
 AIR FORCE SERVICE AGENCY

SURFACE WINDS

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

STATION: 1 STATION NAME: USCIS A 40 YEARS: 70-71
 MONTH: _____
 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	2.8	.4							1.0	11.7
NNE	.1	.3	.7	.2								.1	1.7
NE	.1	1.7	1.3	.4								.1	1.7
ENE		.1	1.7	.8								.1	1.7
E	.3	.3	2.6	2.6								.3	2.6
ESE	.1	.7	2.7	1.7	.2							.1	2.6
SE	.7	1.1	1.4	.5								.7	2.6
SSE	1.2	1.4	2.6	1.6	.7	.1						1.2	2.6
S	1.2	1.7	1.9	1.7	.2	.1						1.2	2.6
SSW	.7	.9	1.9	.4	.4	.7	.1					.7	2.6
SW	1.4	1.6	1.7	1.2	.5	.2	.7					1.4	2.6
WSW	1.2	1.7	2.4	1.1	.4	.4		.1				1.2	2.6
W	1.3	1.7	2.4	1.2	.7	.2			.1			1.3	2.6
WNW	.4	2.3	2.7	1.9	.7							.4	2.6
NW	.1	.4	2.2	2.4	.7	.7						.1	2.6
NNW	.1	.1	1.9	1.8	1.1	.5						.1	2.6
VARBL	.1	.1	.3	.1								.1	2.6
CALM													
	11.7	17.4	29.6	20.6	5.6	7.5	.4	.1	.1			100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: _____

U.S. AIR FORCE
 1957
 WIND SPEEDS / HAT

SURFACE WINDS

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

STATION 1005 A A STATION NAME 7-11 YEARS 1-1957 MONTH 1-1957
 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		.1	2.6	1.4	.7	.7						.7	1.00
NNE	.1	.1	.1	.2								.7	1.1
NE	.1	.1	1.4	.6	.7							.1	.6
ENE	.1	.4	1.7	.9								.1	.1
E	.7	.7	2.6	2.6	.7							.1	1.1
ESE	.1	.1	1.4	1.4	.1							.1	.1
SE	.1	.7	1.4	.8	.1							.4	.7
SSE	1.7	1.4	1.4	1.5								.1	1.1
S	1.7	1.4	.5	1.5	.6	.1	.1					.1	1.1
SSW	.1	.4	1.4	1.2	.4	.4	.7					.1	1.1
SW	1.7	1.1	2.2	1.4	.6	.7	.7					.1	1.1
WSW	1.4	1.1	1.2	1.3	.7	.7	.1					.1	.6
W	1.7	1.7	1.9	.8	.4	.4	.1	.1	.1			.1	.6
WNW	.7	1.3	2.2	1.8	.4	.1		.1	.1			.1	1.1
NW	.7	1.4	1.4	1.2	1.7	.4						.1	1.1
NNW	.1	.7	1.7	2.4	.4	.2						.1	1.1
VARBL	.1			.1								.7	.1
CALM												.1	.1
	1.4	1.4	27.1	21.0	6.3	3.2	.8	.7	.1			.1	.1

TOTAL NUMBER OF OBSERVATIONS 17

SURFACE WINDS

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

STATION 01000 A STATION NAME 71-61 YEARS 71-61 MONTH ALL

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

CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.1	2.1	2.7	.4	.0	.0					1.1	1.0
NNE	.1	.7	1.1	.2								1.1	7.0
NE	.0	.0	1.7	.4	.0							.0	7.0
ENE	.1	.0	1.5	.5								1.4	6.7
E	.0	1.7	2.5	2.5	.1							7.1	6.4
ESE	.1	.0	1.5	1.3	.1							3.0	6.0
SE	.0	1.7	1.7	1.1	.1	.0						4.1	6.7
SSE	1.7	1.7	1.7	1.7	.1	.1	.0					6.5	7.4
S	1.1	1.0	1.9	2.1	.5	.7	.1					7.7	6.3
SSW	.0	.9	1.1	.0	.4	.7	.1					4.0	11.0
SW	1.0	.0	1.5	1.8	.5	.0	.0	.0				5.0	11.0
WSW	.0	1.1	1.6	1.5	.5	.3	.0	.0				5.0	11.1
W	1.0	1.7	1.7	1.1	.5	.2	.1	.0				6.4	10.2
WNW	.4	1.4	2.5	2.2	.7	.7	.0	.0				7.4	11.7
NW	.0	.0	2.4	2.5	.0	.7	.2	.1				5.0	11.0
NNW	.0	.0	1.8	2.7	.8	.5	.0					6.2	10.0
VARBL	.1	.1	.1	.0								.3	5.0
CALM												17.0	
	.6	17.5	28.0	24.0	5.6	3.4	.7	.1	.0			17.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1471

U.S. AIR FORCE CLIMATE CENTER
 1735 BEECH
 WASHINGTON, D.C. 20330

SURFACE WINDS

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

STATION LAJUN AP AL STATION NAME LAJUN AP AL YEARS 77-81 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) ALL
 CONDITION ALL

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	.7	1.6	.7	.5	.1	.1				1.2	1.07
NNE	.1	.2	.7	.4								1.4	1.07
NE			.2	.4								1.6	1.07
ENE			1.2									1.6	1.07
E		.5	.5	.2								1.2	1.07
ESE	.2	.3	1.6	.9								1.2	1.07
SE	.5	1.2	.7	.5	.2							1.1	7.5
SSE	.7	2.1	1.6	.9	.4							1.5	7.5
S	.7	2.7	1.3	1.3	.5							1.7	7.7
SSW	1.1	1.1	1.2	2.4	.9	.6						7.5	11.7
SW	1.5	.2	1.5	3.5	.2	.4	.2					7.0	11.3
WSW	.6	1.5	1.2	2.8	2.1	.5	.1					1.2	12.7
W	.1	2.7	2.6	1.8	.6	.1						1.7	7.0
WNW	.2	1.5	1.4	2.8	.2	.6						7.4	12.0
NW	.7	1.1	1.4	2.0	.5	.5						5.7	11.4
NNW	.2	.4	.3	2.0	.2	.3	.2					1.5	1.01
VARBL	.4	.6	.1	.1								1.2	1.07
CALM												17.0	
	7.4	17.4	20.1	23.8	4.6	3.5	.2	.1				1.0	7.0

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION LAUREL AFB STATION NAME LAUREL AFB YEARS 77-81 MONTH ALL MONTHS
 CLASS ALL WEATHER
 HOURS (L.S.T.) 24
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.0	.7	2.7	.4	.0	.2	.1				5.7	10.7
NNE		.0	.4	.4								1.4	7.0
NE		.0	.4	.4								1.1	7.7
ENE	.0	.1	.1	.1								.3	7.4
E	.1	.0	.3	.7								.2	10.4
ESE		.0	1.7									1.0	7.4
SE	.0	1.5	.7	.9	.1							2.7	10.1
SSE	1.0	2.0	1.2	.6	.4							5.7	6.0
S	.7	1.5	1.6	.7	.5	.5						6.5	10.7
SSW	.7	.7	1.6	2.7	.4	.7	.2					7.1	12.4
SW	.4	1.5	2.0	.2	2.0	.7	.5					10.5	13.0
WSW	.9	2.0	2.4	2.6	2.7	.4	.1					10.4	11.7
W	1.3	2.0	2.7	1.3	.2	.2						6.5	10.7
WNW	.0	1.1	1.9	2.0	1.1	.7						7.2	12.0
NW	.1	1.0	1.3	1.6	.0	.5	.1					3.1	12.0
NNW	.1	.0	1.2	2.2	.9	.6	.2					5.5	14.7
VARBL	.4			.1								.5	4.0
CALM												17.4	
	7.7	16.6	20.3	21.8	9.5	5.2	1.4	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 244

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

SURFACE WINDS

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

STATION LAJES AFB STATION NAME LAJES AFB YEARS 70-81 MONTH 01-12
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-2359
 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	1.0	2.5	.8	.7	.2					1.0	14.0
NNE		.1	.5	.1								1.1	7.0
NE	.1	.1	.7	.4								1.0	8.0
ENE			.7	.1								.4	10.7
E		.2	1.2	.6								2.7	8.0
ESE		.1	.5	.4								.9	8.4
SE	.5	1.2	.7	.2	.4							3.1	7.8
SSE	1.1	1.4	1.4	.2	.4	.1						7.5	8.7
S	1.4	.7	1.8	.7	.6	.5						5.2	9.0
SSW	.5	.5	1.2	2.2	1.2	.5	.1					6.2	13.0
SW	1.5	1.2	3.1	2.4	1.2	.9	.5					11.8	12.1
WSW	.7	1.4	2.3	2.7	1.9	.9						11.5	12.4
W	.9	1.4	1.5	2.2	.8	.4						7.5	10.7
WNW	.5	1.1	2.1	2.1	.2	.4	.2					4.7	11.0
NW	.2	.5	1.5	3.2	.8	.6	.8	.1				7.2	10.2
NNW		.7	.6	1.6	.9	.8	.4					4.8	17.1
VARBL	.1											.1	1.0
CALM												1.0	
	2.0	12.5	41.6	21.7	9.2	5.8	2.2	.1				11.0	8.0

TOTAL NUMBER OF OBSERVATIONS 140

FEDERAL CLIMATOLOGY DIVISION
 METAC
 AIR WEATHER SERVICE/FAA

SURFACE WINDS

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

STATION: LAJES AFB STATION NAME: 77-81 YEARS: MONTH: 03-1107
 CLASS: ALL WEATHER HOURS (L.S.T.):
 CONDITION:

SPEED (KNTS) DIR.	1-3	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	1.7	1.7	.6	.8						4.7	17.0
NNE	.1	.1	.2	.5	.1	.2						1.2	11.0
NE		.1	.2	.4								1.2	8.1
ENE		.4	.2	.2								.8	5.7
E	.2	.2	1.5	.9								2.8	8.0
ESE	.1	.4	1.4	.7								1.7	8.5
SE	.2	1.4	1.2	.1	.2	.1						2.2	7.7
SSE	.2	1.3	2.7	.9	.4	.2						2.7	8.0
S	1.2	1.5	1.4	.7	.6	.8						2.2	10.2
SSW	.0	1.2	1.5	1.2	.8	.6	.2					2.2	12.3
SW	.4	1.2	1.9	3.1	3.2	1.1						11.8	13.0
WSW	.2	1.2	2.2	2.8	2.1	.5						7.7	12.0
W	.7	1.3	1.9	1.3	.8	.2						6.5	12.3
WNW	.2	1.3	2.9	2.2	.7	.4	.1					5.7	11.5
NW	.3	1.2	2.5	2.5	1.4	.5	.6	.4				7.7	14.2
NNW	.1	.2	1.1	2.9	1.2	1.2	.5					7.2	10.2
VARBL	.1	.4	.1	.1								.7	5.7
CALM												4.7	
	7.1	15.3	24.9	22.6	12.4	6.4	1.4	.4				170.8	16.7

TOTAL NUMBER OF OBSERVATIONS 149

U.S. AIR FORCE
 AIR FORCE CLIMATE CENTER
 WASHINGTON, D.C.
 AIR FORCE CLIMATE SERVICE CENTER

SURFACE WINDS

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

STATION: LAJES AFB STATION NAME: LAJES AFB YEARS: 70-81 MONTH: Feb
 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	.6	.7	1.1	2.0	.8	.1						1.0	12.7
NNE	.4	.1	.9	.6	.2	.1						1.0	11.0
NE	.7	.2	1.2	.5								2.6	7.4
ENE	.6	1.4	.5									2.4	5.3
E	.7	.8	1.2	1.2								3.9	7.6
ESE		.2	.6	.9								1.7	6.7
SE	.1	.4	2.6	.6	.2	.1						4.0	5.3
SSE	.1	1.3	2.5	1.6	.4	.1						6.1	9.9
S	.1	1.4	2.2	1.4	.7	.1						7.0	10.3
SSW		.4	2.1	2.1	1.9	.6	.1					7.2	14.3
SW	.2	1.1	2.6	4.0	2.4	1.1	.4					11.7	14.6
WSW		.7	3.6	2.6	1.5	.7						9.1	12.6
W	.1	.7	1.8	2.6	.9	.5						6.5	13.1
WNW	.7	.4	2.4	1.6	2.1	1.1						7.9	14.4
NW	.4	1.5	2.3	4.6	2.2	.7	.2					13.0	17.1
NNW	.7	.4	.7	2.2	1.3	1.1	.4					6.5	10.0
VARBL		.6		.1								.7	1.0
CALM												.7	
	4.6	13.7	29.3	29.7	14.7	6.7	1.1					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 849

JOINT CLIMATOLOGY BRANCH
 WASHINGTON
 AIR WEATHER SERVICE/MAIL

SURFACE WINDS

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

STATION LAJES A AT STATION NAME LAJES A AT YEARS 77-81 MONTH SEP-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	%	MEAN WIND SPEED
N	.4	1.1	1.6	2.2	.8	.5	.2					2.0	1.0
NNE	.7	.5	.8	.4								2.0	1.7
NE	.7	.8	1.4	.2								2.1	1.7
ENE	.4	.7	.8	.2								2.1	1.7
E	.1	.5	1.4	.7								2.2	1.7
ESE		.1	.7	.6	.2							2.2	1.8
SE		.7	1.4	.7	.1							2.2	1.7
SSE	.4	1.7	2.9	1.8	.1							2.1	1.8
S	.7	1.2	1.6	.8	.4							2.5	1.7
SSW	.1	.3	2.1	2.4	1.5	.4						2.1	1.7
SW	.7	1.4	3.9	4.1	2.7	.5						2.4	1.8
WSW	.2	.7	2.7	4.6	1.5	.2	.1					2.4	1.8
W	.4	.4	1.9	1.6	1.2	.6	.2					2.7	1.8
WNW	.1	.4	1.6	2.3	1.6	.8						2.1	1.8
NW	.5	.7	3.2	3.8	2.2	.8	.5	.1				2.1	1.8
NNW	.7	.6	1.5	2.4	1.3	.9	.5	.1				2.2	1.8
VARBL		.7										.7	1.0
CALM												1.4	
	2.2	13.5	29.3	29.8	14.3	4.7	1.5	.2				2.0	1.8

TOTAL NUMBER OF OBSERVATIONS 74

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/NAO

SURFACE WINDS

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

STATION LAUREL AFB STATION NAME LAUREL AFB YEARS 70-81 MONTH 1-12-1980
 CLASS ALL WEATHER
 HOURS (L.S.T.) 24
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.4	1.4	1.6	.1	.7						1.4	12.7
NNE	.7	.4	.7	.7	.2							1.7	10.2
NE	.4	.7	.6	.4								2.1	6.5
ENE	.7	.5	.7	.4								2.1	7.1
E	.7	.7	.7	.8								2.5	7.1
ESE		.7	1.1	.7	.1							2.4	6.7
SE	.4	1.1	.9	.1								2.7	5.7
SSE	1.1	2.1	1.9	1.5	.1							3.9	7.3
S	1.1	1.3	1.1	.9								4.3	6.4
SSW	.7	.7	2.7	2.7	1.4	.1						7.2	11.4
SW	.7	1.4	3.4	4.0	1.6	.4						11.4	11.7
WSW	.7	1.7	1.3	2.5	1.2	.1						5.9	11.7
W	1.4	2.1	1.5	2.2	1.6	.1	.1					4.3	10.7
WNW	.7	.7	2.7	1.4	.6	.6	.1					5.9	11.7
NW	.7	1.3	1.6	2.1	1.4	1.1	.1					6.4	10.7
NNW	.7	.7	1.4	2.6	1.3	1.3	.6					7.4	10.6
VARBL		.4	.7									.4	5.7
CALM												10.4	
	4.7	16.2	23.4	24.6	9.8	4.4	.9					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 249

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMTCAC
 AIR WEATHER SERVICE ZHAC

SURFACE WINDS

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

STATION LAKE CHARLES STATION NAME LAKE CHARLES YEARS 77-81 MONTH 12
 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	.0	.0	1.1	1.5	.7	.4						1.5	12.7
NNE	.0	.1	.0	.7	.1							1.4	9.1
NE	.1	.0	.5	.4								1.4	7.0
ENE			.0	.2								1.1	9.1
E	.4	.7	.5	.4								2.4	7.0
ESE	.1	.0	1.4	.5								2.7	3.7
SE	1.1	.7	.6	.1	.1							2.5	5.0
SSE	.7	1.9	1.7	1.7	.2							2.5	7.1
S	1.2	.0	1.3	1.8	.5							3.5	7.1
SSW	1.4	.9	1.8	2.5	.5	.7	.1					7.5	7.0
SW	.7	1.7	1.8	3.5	1.5	.5						7.7	12.0
WSW	1.0	1.2	2.4	2.5	1.5	.1						7.7	12.3
W	1.0	2.9	1.7	1.2	1.2	.5						10.2	9.0
WNW	.0	1.1	1.7	1.8	1.5	.1						6.7	11.7
NW	.4	.7	2.6	2.1	1.2	.2	.1					7.5	11.7
NNW	.1	.0	1.1	2.7	.3	1.5	.4					5.4	10.0
VARBL	.5	.1	.6									1.5	5.0
CALM												13.5	
	12.0	15.2	22.3	22.9	9.9	3.5	.6					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 45

U.S. AIR FORCE
 AFM 1-1
 1-1-64

SURFACE WINDS

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

STATION WFOU 0000 STATION NAME WFOU YEARS 1951 MONTH ALL
 CLASS ALL
 HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.2	2.0	.1	.4	.1	.0				.2	17.8
NNE	.7	.5	.0	.5	.1	.0						1.7	6.4
NE	.0	.4	.0	.4								1.0	7.7
ENE	.0	.4	.6	.2								1.4	7.3
E	.7	.0	1.0	.6								2.7	6.0
ESE	.1	.0	1.1	.6	.0							1.7	8.9
SE	.6	1.1	1.1	.4	.2	.0						1.7	7.7
SSE	.0	1.0	1.8	1.2	.3	.1						4.8	10.1
S	.0	1.2	1.5	1.0	.5	.2						4.5	7.0
SSW	.7	.0	1.8	2.2	1.1	.0	.1					7.1	12.1
SW	.0	1.4	2.5	3.5	1.9	.7	.2					11.0	12.7
WSW	.7	1.3	2.2	2.9	1.7	.4	.7					7.4	12.0
W	.0	1.0	1.9	1.8	1.0	.3	.1					7.3	12.0
WNW	.4	.0	2.1	2.2	1.1	.6	.1					7.3	12.4
NW	.7	1.1	2.2	2.9	1.3	.6	.7	.1				.8	13.4
NNW	.0	.4	1.0	2.3	1.1	1.0	.4	.0				4.1	15.5
VARBL	.0	.7	.1	.1								.7	2.2
CALM												11.1	
	7.8	15.1	27.9	24.6	11.0	5.1	1.3	.1				173.0	12.0

TOTAL NUMBER OF OBSERVATIONS 1731

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFSTAC
 AIR WEATHER SERVICE WICM/1AC

SURFACE WINDS

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

1971 JULY - AUG 71-80
 STATION NAME: ALL WEATHER CLASS: MONTH: HOURS (L.S.T.):
 CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.7	1.8	2.5	.4	.2	.7					1.0	11.1
NNE	.7	.7	.4	.2								1.2	7.7
NE		.4	.6	.3								1.4	8.4
ENE	.1	.4	.7	.1								1.3	8.6
E	.2	.2	.5	1.7		.2						2.3	11.1
ESE	.1	.2	.5		.1	.1						1.1	7.1
SE	.4	.2	.5	.9	.7	.1						1.1	10.7
SSE	.4	1.3	.5	1.1								1.1	7.8
S	1.8	1.4	2.7	1.8	.2							7.3	7.7
SSW	.2	1.7	1.2	1.8		.1						2.2	10.9
SW	1.7	1.8	1.5	1.5	.2	.2						2.3	7.7
WSW	1.8	2.4	1.8	2.4	.9	.2						2.8	10.7
W	1.4	2.2	1.9	1.8		.1						2.5	7.7
WNW	1.2	2.4	2.9	1.7	.4							.7	8.4
NW	.1	2.2	3.1	3.2	1.2	.5						1.0	11.1
NNW		.6	2.6	3.5	.5	.3	.4					.1	13.7
VARBL													
CALM												1.7	
	7.7	23.5	23.0	23.4	4.3	2.2	.6					1.0	7.7

TOTAL NUMBER OF OBSERVATIONS 71

U.S. AIR FORCE
 AIRCRAFT SERVICE/ZNAC

SURFACE WINDS

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

STATION LAOFL A A STATION NAME LAOFL A A YEARS 71-72 MONTH 7
 CLASS ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	2.4	2.7	.7	.7						.7	1.0
NNE		.4	.6	.3								.4	.5
NE	.1	.7	.4	.1								.1	.5
ENE		.7	.7	.2	.1							.1	.5
E	.1	.4	.1	1.6		.7						.7	1.2
ESE			.1	.1	.7	.1						.1	.5
SE	.1	.7	.9		.7	.1						.7	.5
SSE	1.1	1.7	1.8	.9	.7							.7	.7
S	1.1	1.7	.9	1.2	.2							.2	.5
SSW	1.7	1.5	1.2	1.6	.4							.4	.7
SW	1.7	1.7	2.6	1.7	.5							.5	.5
WSW	1.7	1.5	1.7	1.6	.4							.4	.5
W	.1	2.7	1.4	1.3	.7							.7	.5
WNW	.2	2.7	3.1	1.9	.4	.1						.4	.5
NW	.4	2.2	3.9	3.9	.8	.7						.8	11.1
NNW	.7	.7	1.4	7.4	1.6	.7	.7	.1				.7	14.4
VARBL			.7									.7	.5
CALM												.6	
	.9	19.1	23.6	22.0	6.3	2.0	.7	.1				17.0	7.0

TOTAL NUMBER OF OBSERVATIONS 170

FEDERAL BUREAU OF SURVEILLANCE
 WASHINGTON, D. C. 20535
 FORM 51-101-10-1 (10-64)

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____
 CLASS _____
 CONDITION _____
 MONTH _____
 HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.2	1.6	.7	.4	.1					1.9	1.6
NNE	.1	.3	.5	.3								1.2	.5
NE		.4	.7	.2								1.3	.5
ENE		.2	.7	.2	.5							2.6	1.1
E		.1	.5	1.4	.1	.7						4.8	13.7
ESE	.1	.7	.1	.2		.7						1.8	17.5
SE	.4	.4	.5	.6	.1	.2						1.9	7.0
SSE	.1	1.3	1.4	.2								3.0	11.7
S	1.1	1.2	1.5	1.7	1.3							7.8	15.0
SSW	.1	1.1	1.7	2.5	.7		.3					6.4	19.4
SW	1.5	2.7	2.9	2.3	.1							10.5	18.0
WSW	1.7	1.6	2.6	1.1	.4							7.4	7.0
W	.2	.2	.1	.6	.3							1.4	2.1
WNW	.4	3.1	2.3	1.2	.4							7.4	11.0
NW	.7	1.7	2.5	3.3	1.4	.4						11.0	14.0
NNW		.1	2.4	3.2	2.6	1.7						10.9	14.2
VARBL	.7											1.4	1.4
CALM												17.7	
	.2	11.3	23.3	20.6	7.5	2.7	.2					21.2	11.1

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE CLIMATE CENTER
 WASHINGTON, D.C. 20330
 FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

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

STATION RAF OBI AIR AFB STATION NAME RAF OBI AIR AFB YEARS 71-86 MONTH 11
 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	.0	1.7	1.3	0.7	.4	.1						.0	1.0
NNE	.1	.5	1.0									.0	.7
NE	.0	.6	.0	.3								.0	.7
ENE	.4	.5	1.5	.7	.7							.1	.7
E	.7	.0	.5	1.6	.2	.4						.1	1.1
ESE		.4	.4			.1						.0	1.0
SE	.2	.7	.3	1.1	.1	.7						.0	1.0
SSE	1.0	.0	1.1	.5	.4							.0	.7
S	.0	1.7	2.3	1.7	.0	.4						.0	.7
SSW		1.5	2.0	2.2	1.1	.1						.0	1.1
SW	.4	2.4	2.3	2.0	.1		.1					.0	.6
WSW	.0	1.7	2.2	1.5	.4	.2						.0	1.1
W	1.7	1.5	1.1	.9	.2							.0	.7
WNW	.0	1.7	4.7	2.7	.4							.0	.7
NW	.0	2.0	4.8	2.7	1.1	.1						.0	1.0
NNW	.0	1.2	3.0	3.0	2.6	.6	.3					.0	1.7
VARBL			.0	.7								.0	1.0
CALM												.0	.0
	6.7	19.5	31.0	24.5	8.2	2.2	.4					.0	.0

TOTAL NUMBER OF OBSERVATIONS 11

U.S. AIR FORCE
 1954
 WASHINGTON, D.C. 20330

SURFACE WINDS

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

STATION LA JOLLA STATION NAME LA JOLLA YEARS 71-73 MONTH 12
 CLASS ALL WEATHER HOURS (U.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	.0	.0	2.7	2.0	.0	.0						2.2	11.7
NNE	.1	.0	1.8	.7								2.6	12.7
NE	.0	.0	1.7	.7								2.4	12.0
ENE	.0	1.0	1.7	.5	.1							2.7	12.0
E	.0	.0	2.7	1.5	.0							2.5	12.5
ESE		.0	.0	.1		.7						2.2	11.4
SE	.0	.0	1.1	1.7	.0							2.7	12.2
SSE	.0	.0	1.0	1.7	.0							2.7	12.2
S	.0	.4	1.0	1.2	1.0	.1						2.1	11.1
SSW	.1	.0	2.7	3.7	.0	.2						7.5	12.3
SW	.1	1.0	2.8	3.8	.5	.2	.1					2.1	11.1
WSW	.1	.0	2.7	1.8	.4	.3						2.7	12.0
W	.0	1.0	.6	1.4		.1						2.3	12.0
WNW	.1	1.7	2.0	2.4	1.0	.1						6.5	11.0
NW	.0	1.7	4.7	7.6	1.3	.2	.2					12.0	12.2
NNW	.0	1.4	4.7	4.1	1.4	1.2	.2					12.0	12.2
VARBL	.0		.1	.2	.2							.0	2.4
CALM													
	4.4	14.2	34.4	32.5	9.7	3.9	.5					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 1200

U.S. AIR FORCE RESEARCH
 AND DEVELOPMENT COMMAND
 WRIGHT-PATTERSON AIR FORCE BASE

SURFACE WINDS

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

STATION LAUFEL A AB STATION NAME 71-AC YEARS 1950-1951 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.6	3.0	1.1	.7	.1					7.7	11.0
NNE	.1	.4	.6	.1								1.2	7.8
NE	.6	.6	.7	.1	.1							2.1	8.0
ENE	.7	1.0	.7	.8								4.2	8.0
E	.8	1.3	2.3	1.8		.3						6.5	9.7
ESE	.2	.2	1.7	.4	.2	.1						2.9	7.7
SE	.4	.5	1.7	.1	.2							3.3	8.0
SSE	.2	1.3	1.1	.5	.5							4.1	8.0
S	.2	.4	1.2	1.6	.6							5.1	11.0
SSW	.2	1.1	2.7	2.0	1.0	.4						7.7	11.0
SW	.4	1.2	3.0	2.8	.8	.2	.1					8.6	10.7
WSW	.7	.6	4.1	2.6	.9							9.5	10.7
W	.1	.2	1.7	1.1	.5							4.2	10.7
WNW		1.1	2.2	2.7	.9							7.7	11.0
NW	.1	1.3	6.0	7.0	1.4	.4	.3					11.1	11.7
NNW	.3	.9	3.5	3.8	1.2	.5	.1					11.1	12.7
VARBL		.2		.2	.1							1.0	10.6
CALM												1.5	
	.1	14.3	39.7	29.7	10.1	2.4	.6					11.0	10.7

TOTAL NUMBER OF OBSERVATIONS 931

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

SURFACE WINDS

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

STATION LAJFS A-1 STATION NAME LAJFS A-1 YEARS 71-80 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 24
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.1	2.5	1.6	1.7	.0						1.5	11.7
NNE		.0	.0	.1								1.2	7.0
NE	.0	.0	.0	.4								1.0	7.0
ENE	.0	.0	.0	.2								1.4	7.0
E	.0	1.0	1.7	1.4	.7	.7						1.6	10.0
ESE	.0	.0	1.0	.2		.7						1.0	10.0
SE	.0	.0	.0		.0							1.0	10.0
SSE	1.0	1.0	.0	.3	.7							4.0	6.0
S	1.0	1.0	1.0	1.5	.1							7.0	7.0
SSW	.0	1.0	1.0	1.5	.1	.0						1.7	10.1
SW	.0	1.0	2.0	2.5	.0	.0						1.7	10.7
WSW	.0	1.1	2.0	1.5	.6	.4	.1					7.0	10.0
W	1.0	1.0	1.0	1.0								7.0	7.0
WNW	.0	1.0	3.0	1.3	.0	.1						.0	7.0
NW	.0	2.0	4.0	4.0	.3	.3	.3	.1				17.1	10.0
NNW	.0	1.0	2.0	3.0	1.4	.7	.7	.3				4.4	12.7
VARBL	.0		.0									.0	6.0
CALM												1.0	
	1.1	13.3	20.6	21.5	7.3	3.0	.0	.4				17.0	7.1

TOTAL NUMBER OF OBSERVATIONS 53

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

SURFACE WINDS

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

STATION WJDA A STATION NAME WJDA YEARS 71-80 MONTH 11
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
 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	1.1	1.6	2.1	1.1	.4						1.0	1.0
NNE	.1	.4	.4	.1								1.0	7.7
NE		.7	.9	.2								1.4	6.0
ENE	.1	.5	1.7	.1								1.7	7.7
E		.3	1.2	1.3		.1						1.4	7.4
ESE	.2	.5	1.7	.1	.2	.7						1.4	11.0
SE	.1	.7	.9	.2	.5	.1						1.0	11.0
SSE	1.2	1.4	1.3	.2	.1							1.1	1.0
S	1.3	.7	1.9	1.4	.7	.3						1.0	7.2
SSW	.3	1.3	1.6	1.0	.6	.1						.1	7.7
SW	1.1	1.1	1.9	1.7	1.7	.7						1.7	10.4
WSW	.5	1.7	1.5	2.5	.6	.4						1.7	10.3
W	1.3	2.1	1.0	1.3								1.3	7.0
WNW	.6	2.2	3.9	1.3	.3							1.2	6.4
NW	.7	1.7	2.3	2.5	.5	.4	.1	.1				1.9	11.7
NNW		.7	2.3	3.1	1.5	.5	.5	.1				1.5	14.7
VARBL			.2									.2	1.0
CALM												19.2	
	2.5	16.6	25.4	19.6	6.8	1.1	.6	.2				17.0	2.1

TOTAL NUMBER OF OBSERVATIONS 93

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AFMAD

SURFACE WINDS

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

STATION LAJES AFB STATION NAME LAJES AFB YEARS 71-80 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.1	2.1	.8	.5	.1					3.2	11.7
NNE	.1	.5	.7	.2								1.5	7.4
NE	.7	.5	.8	.2	.7							1.7	7.4
ENE	.2	.5	.9	.3	.1							.8	6.7
E	.3	.7	1.2	1.5	.2	.3						4.1	10.7
ESE	.1	.7	.6	.1	.1	.2						1.2	10.0
SE	.7	.5	.7	.5	.3	.1						2.0	10.1
SSE	.7	1.2	1.3	.7	.7							4.2	7.7
S	1.7	1.4	1.4	1.4	.6	.1						6.1	9.2
SSW	.5	1.2	1.2	2.0	.6	.2	.2					3.2	10.6
SW	.7	1.7	2.7	2.3	.5	.2	.2					7.1	8.0
WSW	.7	1.3	2.3	1.9	.7	.2	.2					7.1	10.2
W	1.2	1.5	1.4	1.1	.2	.7						3.6	7.2
WNW	.5	1.2	3.2	1.9	.6	.2						3.2	7.1
NW	.5	1.2	4.1	4.5	1.2	.4	.1	.2				12.4	11.3
NNW	.3	.7	2.9	3.5	1.7	.6	.7	.1				12.1	12.4
VARBL	.1	.7	.1	.1	.2							.4	7.1
CALM												11.2	
	7.7	17.5	28.4	24.2	7.5	2.9	.5	.1				107.2	7.1

TOTAL NUMBER OF OBSERVATIONS 2940

U.S. AIR FORCE
 CENTRAL CLIMATOLOGY BRANCH
 WAFETAC
 4700 MATHER SERVICE ROAD

SURFACE WINDS

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

STATION WAFETAC STATION NAME WAFETAC YEARS 71-80 MONTH ALL
 CLASS ALL WEATHER HOURS (L.S.T.) 100-120
 CONDITION _____

SPEED (KNTS) DIR.	1 - 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	.	1.6	2.2	.1							2.2	1.6
NNE	.4	.7	2.0	.4								2.6	7.7
NE	.2	.	1.1	.2	.1							2.7	7.7
ENE	.1	1.7	2.4	2.2								2.4	7.1
E	.1	1.3	2.8	1.9	1.2	.6						2.7	12.8
ESE	.1	.7	.9	1.2	1.2	.2						2.2	13.1
SE	.2	.7	2.3	.7	.3	.2						2.4	10.
SSE	1.7	2.4	2.2	1.6								2.3	2.4
S	1.2	2.1	1.8	.2	.4	.2	.1					2.2	7.4
SSW	.9	.2	1.7	.9	.1							2.4	7.8
SW	1.1	1.2	1.4	1.6	.2	.1						2.1	7.2
WSW	1.1	.7	.9									2.7	2.3
W	2.1	1.2	1.6	.2								2.2	2.
WNW	.6	1.2	2.1	1.4	.1							2.4	2.2
NW	.4	.9	2.8	3.4	.1	.2						2.1	11.
NNW	.1	.7	2.1	3.1	1.1							2.1	12.
VARBL			.1									.1	2.2
CALM												11.9	
	13.2	12.2	27.6	22.4	4.9	1.6	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 100

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1001 LAJOS AP AC 71-80
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 30-1000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	2.6	1.0	.2							6.3	15.7
NNE	.7	1.7	1.5	.4	.1							4.7	7.1
NE	.2	.7	1.2	.6								2.7	6.1
ENE	.2	1.7	1.6	1.6								5.2	6.9
E	.7	1.1	1.6	1.8	.8	.6						6.1	12.0
ESE			1.7	1.3	.4	.6						3.7	13.9
SE	.2	1.4	1.2	.7	.7	.1						4.3	10.5
SSE	1.2	2.7	2.2	1.1								6.2	7.1
S	1.2	1.1	2.6	.3	.2	.1						7.6	7.4
SSW	.6	1.7	1.1	1.0	.1							3.8	6.1
SW	1.2	1.2	.7	1.8	.2							5.2	7.9
WSW	1.4	1.2	.6	.1								3.7	5.6
W	1.4	1.3	.9	.1								3.7	4.4
WNW	.2	1.3	1.1	1.3	.2							4.2	5.6
NW	.4	1.6	2.6	2.8	.9	.1						7.2	10.5
NNW	.3	.9	1.3	2.0	1.0							6.6	11.5
VARBL		.1	.1									.2	1.0
CALM												14.0	
	17.5	20.1	24.2	16.8	4.9	1.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 899

FEDERAL AVIATION ADMINISTRATION
 NATIONAL AVIATION SERVICE
 WEATHER SERVICE/MAC

SURFACE WINDS

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

1 0 1 CAJES AFB 71-80
 STATION STATION NAME YEARS
 ALL WEATHER CLASS MONTH
 500-1000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.4	2.0	2.1	.2							1.2	2.7
NNE	.1	.2	1.2	.6								1.2	7.7
NE	.2	1.2	1.3	.7	.1							1.7	7.5
ENE		1.7	2.1	2.1	.3							2.2	4.9
E	.4	1.3	1.6	1.9	1.1	.4						3.2	11.4
ESE		.4	1.1	1.6	.6	.2						2.2	12.2
SE	.4	1.4	1.7	1.7	.2	.7						2.4	10.2
SSE	.8	1.9	2.2	.7	.3							1.7	7.2
S	.5	1.7	2.5	1.7	.4							1.7	2.3
SSW	.7	1.4	2.1	.8								.1	7.4
SW	.6	.9	1.4	1.1								4.2	7
WSW	1.4	.7	.7									2.2	3.2
W	2.1	1.0	.3									2.9	3.2
WNW	.4	1.6	1.6	1.6								.1	6.2
NW	.8	1.7	2.3	1.8	1.1	.1						7.1	10.7
NNW	.2	1.1	2.3	3.6	1.0							3.2	11.6
VARBL	.1											.1	2.0
CALM												16.2	
	4.2	16.2	28.3	20.7	5.4	1.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY DIVISION
 WASHINGTON, D. C. 20540
 AIR WEATHER SERVICE/440

SURFACE WINDS

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

STATION LAUREL AFB STATION NAME LAUREL AFB YEARS 71-72 MONTH ALL
 CLASS ALL WEATHER HOURS (L.S.T.) 900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.7	3.2	2.6	.4							7.6	5.4
NNE	.0	1.7	1.6	.9								4.4	7.8
NE	.0	1.6	1.0	.4								4.4	6.7
ENE	.3	1.5	2.1	2.4	.6							7.9	11.0
E	.0	1.6	2.9	2.3	1.7	.3						11.5	14.0
ESE		.1	1.2	.9	.0	.3						3.3	11.0
SE		1.1	3.1	2.7	.4	.7						7.7	11.0
SSE	.0	1.6	2.4	1.3	.4							6.1	9.0
S	.4	1.1	2.7	1.3	.6							6.1	9.7
SSW	.1	1.3	1.2	1.0	.2							4.0	9.9
SW	.0	1.0	2.6	1.7								5.6	8.9
WSW	.0	1.1	2.0	.7								4.1	7.0
W	.0	.0	.5	.4								1.3	7.0
WNW	.1	.0	2.4	2.4	.3	.1						6.0	11.0
NW		1.6	3.9	3.6	1.3							11.7	10.0
NNW	.4	.6	2.6	3.6	.6	.3						11.0	11.0
VARBL		.1	.3	.2								.7	9.3
CALM												1.0	
	4.6	19.1	36.8	28.8	7.0	1.4						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 AF TAC
 AIR FORCE WEATHER SERVICE /ZMAC

SURFACE WINDS

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

STATION LAUREL AFB AC STATION NAME LAUREL AFB AC YEARS 71-80 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 1400-1500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.4	2.7	2.7	.8							7.0	11.7
NNE	.1	.7	2.2	.8								4.0	6.0
NE	.7	2.3	2.4	.4								6.8	7.1
ENE	.0	1.4	3.1	2.7	.3							7.8	7.0
E	.2	1.3	2.2	3.9	1.2	.3						6.9	12.0
ESE		.4	.2	1.6	.2	.2						2.8	13.1
SE		.1	2.7	3.7	.4	.6						7.1	12.7
SSE	.1	.3	2.9	1.6	.4							5.1	13.4
S	.1	.3	2.6	2.3	.3							5.7	11.0
SSW		.9	3.2	1.1	.1							5.2	9.1
SW		.7	2.1	2.7	.2							6.7	11.3
WSW		.7	1.8	1.7								5.2	10.0
W		.7	.2	.9								2.4	11.0
WNW		.2	1.1	2.3	.9							4.5	11.0
NW	.7	1.2	3.3	5.0	1.4							11.2	11.0
NNW	.1	.3	2.6	4.7	1.1	.7						7.4	12.0
VARBL	.7		.2	.3								.9	7.0
CALM												.0	
	4.0	13.7	36.0	33.2	8.2	1.7						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 700

U.S. AIR CLIMATOLOGY SERVICE
 USAFETAC
 AIR WEATHER SERVICE/MAR

SURFACE WINDS

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

STATION CAJES A A STATION NAME 71-40 YEARS 1970-1971 MONTH 10-12
 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	1.6	3.6	.4	.1						7.0	15.7
NNE	.4	2.3	1.7	.4								7.0	8.0
NE	.3	2.7	1.0	.0								1.0	7.0
ENE	.7	1.4	2.3	1.9	.1	.1						1.7	8.0
E	.4	1.6	3.4	3.7	1.0	.2						1.0	15.7
ESE		.7	1.1	2.1	.7	.4						7.0	12.7
SE	.1	.7	1.7	1.9	.3	.4						8.1	11.7
SSE	.7	1.0	3.5	1.7	.2							8.1	9.7
S	.7	.2	2.7	1.7	.4							7.0	15.7
SSW	.7	1.2	2.7	1.7	.4	.1						7.0	2.7
SW	.1	1.0	1.0	1.4	.6	.7						.7	11.7
WSW		.7	2.6	1.2	.1							4.5	8.7
W		.1	1.2	.6	.3							1.2	11.7
WNW		.2	1.0	1.9	.0							4.5	12.7
NW	.1	.7	3.0	4.2	1.3	.1						3.4	12.7
NNW	.4	.4	1.3	4.0	1.7	.2	.1					.3	13.7
VARBL	.7	.7	.6	.3								1.3	8.1
CALM												.9	
	3.4	16.3	35.3	33.1	8.6	2.1	.1					17.0	11.0

TOTAL NUMBER OF OBSERVATIONS 10

OFFICE OF CLIMATE BY BRANCH
 USAFETAC
 AIR FORCE WEATHER SERVICE

SURFACE WINDS

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

STATION 14401 A-1 STATION NAME 71-80 YEARS 1951-1952 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 24
 CONDITION

SPEED (KNTS) DIR.	1-3	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	1.0	2.0	1.0	.0							.0	1.0
NNE	1.0	1.0	1.0	.0								.0	1.0
NE	.0	.0	1.0	.0								.0	1.0
ENE	1.0	1.0	2.0	2.0	.0							.0	1.0
E	1.0	1.0	2.0	2.0	1.0	.0						.0	1.0
ESE	.0	.0	1.0	1.0	.0	.0						.0	1.0
SE	.0	.0	2.0	1.0	.4	.1						.0	1.0
SSE	.0	2.0	3.0	.0								.0	1.0
S	1.0	2.0	1.0	1.0	.0							.0	1.0
SSW	.0	1.0	1.0	1.0	.0	.1						.0	1.0
SW	.0	1.0	1.0	.0	.0	.1						.0	1.0
WSW	.0	1.0	1.0	.0								.0	1.0
W	.0	2.0	.0	.1	.1							.0	1.0
WNW	.0	1.0	1.0	1.0	.0	.1						.0	1.0
NW	.0	1.0	2.0	3.0	1.0	.1						.0	1.0
NNW	.0	1.0	2.0	2.0	.0	.0	.1					.0	1.0
VARBL	.0	.0	.0									.0	1.0
CALM												.0	1.0
	11.0	22.0	40.0	27.0	6.0	1.0	.1					100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 24

U.S. AIR FORCE
 1960
 AIR FORCE SERVICE CENTER

SURFACE WINDS

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

STATION LAUREL AFB STATION NAME LAUREL AFB YEARS 71-72 MONTH ALL
 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	2.3	1.1	.7							.7	1.1
NNE	.7	.7	1.1	.4		.1						.7	.7
NE	.7	.4	1.1	.8								.7	.7
ENE	.7	1.1	2.3	1.2	.2							1.1	1.1
E	.7	.4	2.4	2.7	.4	.7						1.1	1.1
ESE	.1	.1	1.7	1.7	1.7	.2						1.1	1.1
SE	.4	1.1	1.4	.2	.4							.7	.7
SSE	1.7	2.3	1.1	.4								.7	.7
S	1.1	2.7	2.1	.7	.7							.7	.7
SSW	.7	1.1	.7	.4	.1							.7	.7
SW	1.7	1.4	1.3	.6	.4							.7	.7
WSW	1.2	1.7	1.1	.4								.7	.7
W	2.4	1.3	1.2	.7								.7	.7
WNW	.7	2.1	1.3	1.3	.7							.7	.7
NW	.7		1.1	2.3	.4							.7	1.1
NNW	.7	.7	2.2	1.2	1.2	.1						1.1	1.1
VARBL	.1	.1	.1									.7	.7
CALM												1.1	
	11.2	17.2	27.5	27.5	5.2	1.1						1.1	7.1

TOTAL NUMBER OF OBSERVATIONS 400

U.S. AIR FORCE
 TAC
 SERVICE

SURFACE WINDS

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

STATION LAKE ARAB STATION NAME LAKE ARAB YEARS 71-72 MONTH JUL
 CLASS ALL HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.4	2.3	.4	.						.7	1.0
NNE	.1	1.2	1.7	.6	.	.						.1	1.0
NE	.	1.2	1.9	.5	.	.						.	1.0
ENE	.	1.6	2.2	2.1	.2	.						.	1.0
E	.4	1.2	2.4	2.5	1.2	.4						.	1.0
ESE	.1	.	1.1	1.5	.	.7						.1	1.0
SE	.	.3	2.0	1.7	.4	.7						.	1.0
SSE	.	1.2	2.0	1.1	.7	.						.7	1.0
S	.	1.4	2.3	1.2	.4	.	.					.1	1.0
SSW	.	1.1	1.7	1.1	.2	.						.4	1.0
SW	.2	1.2	1.5	1.4	.2	.1						.	1.0
WSW	.	.3	1.4	.7	.	.						.7	1.0
W	1.1	1.1	.7	.3	.1	.						.4	1.0
WNW	.	1.1	1.7	1.5	.4	.2						.	1.0
NW	.4	1.1	2.5	2.3	1.2	.1						.4	1.0
NNW	.7	.	2.2	3.5	1.1	.1	.2					.1	1.0
VARBL	.1	.1	.2	.1	1.0
CALM													
	7.2	14.6	30.7	27.6	6.3	1.4	.7					100	1.0

TOTAL NUMBER OF OBSERVATIONS 710

U.S. AIR FORCE METEOROLOGICAL SERVICE
 WASHINGTON, D.C. 20330
 FORM 0-8-5 (REV. 7-64)

SURFACE WINDS

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

STATION STATION A A STATION NAME 71-0 YEARS 1970-1971
 CLASS ALL WEATHER MONTH 1970-1971
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.7	2.7	1.8								.0	1.0
NNE	.0	.0	1.0	.1		.7						.0	1.7
NE	.0	1.1	.7									.0	1.0
ENE	.1	.7	.3	.1								.0	1.0
E		.1	.7	.6								.0	1.0
ESE		.4	.6	.1								.0	1.0
SE	.1	.3	.6	.2								.0	1.0
SSE	.0	2.7	1.4	.9								.1	2.1
S	1.0	1.7	1.7	.9	.1							.0	2.0
SSW	1.0	1.1	.3	.6	.7							.0	1.0
SW	1.4	2.7	2.5	1.2	.7	.1						.1	2.4
WSW	1.1	1.7	2.2	.8	.1							.0	2.0
W	2.7	2.6	2.7	.3	.1							.0	2.0
WNW	.0	2.6	2.9	1.3								.0	2.0
NW	.0	2.1	3.9	2.8	.3	.7	.1					.0	2.0
NNW	.0	1.7	1.7	1.9	.3							.0	1.0
VARBL	.0		.1									.0	1.0
CALM												.0	1.0
	12.0	23.0	20.7	10.4	1.5	.6	.1					10.0	2.0

TOTAL NUMBER OF OBSERVATIONS 7

U.S. AIR FORCE
 METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

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

STATION LAKE A STATION NAME LAKE A YEARS 71-72 MONTH 11
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1800-1800
 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	.1	1.1	1.1	1.4	.1							.2	1.1
NNE		.1	1.2	.1		.1	.1					.2	1.1
NE	.4	.1	.5	.2								.2	1.1
ENE	.1	.1	.2									.4	1.1
E	.1	.1	.2	.8								.2	1.1
ESE	.1	.1	.1									1.2	1.1
SE	.1	.4	1.1									1.7	1.1
SSE	1.1	1.1	2.2	.9								.1	7.1
S	1.1	.1	1.6	.5								3.4	7.1
SSW	1.1	1.1	1.5	.4	.2							4.2	7.1
SW	.1	1.1	3.2	1.6	.2							7.1	7.1
WSW	1.2	1.2	1.6	1.7								4.9	7.1
W	1.6	2.2	2.7	.8	.1							7.4	7.1
WNW	1.7	2.2	3.2	1.2								5.9	7.1
NW	.1	2.1	3.2	2.5	.3	.1						10.0	7.1
NNW	.1	1.1	2.1	2.5	.4	.2						7.8	7.7
VARBL	.1	.1	.1	.1								.4	7.1
CALM												10.0	
	11.4	17.4	27.7	14.2	1.4	.5	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 180

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY SERVICE
 WASHINGTON, D. C. 20541

SURFACE WINDS

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

STATION LAKE CHARLES STATION NAME LAKE CHARLES YEARS 71-80 MONTH ALL
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.7	1.4								.5	0.1
NNE	.0	.0	1.0	.3		.7						.5	0.2
NE	.0	1.1	1.1	.1								.5	0.2
ENE	.0	.4										.0	0.1
E	.0	.0	.6	1.1								.6	0.2
ESE		.0	.4	.1								.3	0.1
SE	.0	1.0	1.2	.5								.4	0.2
SSE	1.1	1.0	1.9	.9								1.1	0.2
S	1.7	2.0	2.6	.6								7.0	0.2
SSW	.0	.0	.9	.0								1.1	0.1
SW	1.1	1.0	1.6	1.5	.1							1.3	0.1
WSW	1.0	1.1	1.2	1.7	.0							1.7	0.2
W	1.0	1.4	2.2	1.0								1.0	0.2
WNW	1.3	2.0	3.2	1.2	.1							1.0	0.2
NW	1.2	2.0	4.4	3.9	.5	.1						1.0	0.2
NNW	.0	.0	2.4	3.2	.0	.0						.3	1.1
VARBL													
CALM												14.0	
	11.7	19.8	28.1	18.4	1.8	.8						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 27

FEDERAL CLIMATOLOGY SERVICE
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE/NOAA

SURFACE WINDS

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

STATION LAJES AFB STATION NAME LAJES AFB YEARS 71-80 DAY 01-31
 MONTH 01-12
 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	.1	2.3	3.1	2.2	.8	.1						.9	7.0
NNE	.1	1.3	1.3	.1	.1							2.4	7.4
NE	1.7	2.5	1.5	.7								3.2	8.7
ENE	1.7	1.2	.7	.1								3.3	4.7
E	.1	1.4	1.5	1.1								4.5	7.1
ESE	.7	.5	1.0	.2								1.9	7.6
SE	.4	1.3	2.6	1.1								3.5	8.0
SSE	.2	1.2	3.3	.6	.2							3.7	8.2
S	.8	1.2	1.7	1.0								4.3	8.0
SSW	.1	1.1	1.4	1.0	.7							4.3	7.3
SW	.3	1.5	1.9	2.0	.2							6.2	9.4
WSW	.2	.4	2.8	2.3	.4	.1						3.2	10.7
W	.1	.1	1.8	.8								2.8	9.6
WNW	.1	.4	2.8	2.9	.4	.2						7.1	11.3
NW	.4	1.5	5.5	6.6	1.1	.1						13.4	10.7
NNW	.4	1.3	4.5	4.4	1.2	.5						12.4	11.1
VARBL		.3	.4									.5	6.7
CALM												2.2	
	7.2	17.0	33.5	28.6	4.7	1.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

METEOROLOGICAL BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAAC

SURFACE WINDS

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

STATION LAJES AIR AC STATION NAME LAJES AIR AC YEARS 71-80 MONTH MAY
 CLASS ALL WEATHER MONTH 1980-1980
 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	.0	1.0	2.6	.0	.1						.0	10.0
NNE	.4	1.0	2.7	.4	.1							.0	7.0
NE	1.1	2.7	1.8	.0								0.0	6.0
ENE	.0	1.0	.0	.2								0.0	5.0
E	.0	1.2	2.6	1.2								0.0	6.4
ESE		.0	1.3	.0								0.0	7.0
SE		.0	1.8	.4								0.0	8.0
SSE	.1	.0	3.1	1.2								4.5	7.7
S	.1	1.2	2.3	1.0	.1							4.0	6.1
SSW		.0	2.3	1.2		.0						4.0	10.6
SW		.0	3.1	2.3	.3							6.0	11.5
WSW		.0	1.7	1.7	1.2	.1						0.4	12.5
W		.0	.0	1.8	.0							0.4	11.0
WNW		.0	1.7	4.3	.0	.1	.0					7.0	12.0
NW	.4	1.3	4.7	3.4	1.1	.0						10.7	11.0
NNW	.0	1.2	2.6	3.7	.0	.0						11.0	11.0
VARBL	.0	.1	1.3									1.6	6.0
CALM												.0	
	4.5	16.5	38.5	33.3	4.7	1.4	.0					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 97

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LEAF A - A STATION NAME 71-8J YEARS MAY
 CLASS ALL WEATHER MONTH 1950-1950
 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	2.4	4.1	2.6	.3							10.8	7.4
NNE	.0	1.4	7.6	.9								10.2	7.8
NE	1.1	2.7	1.4	.2								4.7	6.0
ENE	.0	1.0	.2	.2								2.7	5.0
E	.5	1.7	2.3	.6								5.4	7.8
ESE	.1	.3	.8	.3								1.3	7.0
SE	.0	.0	1.2									1.3	6.0
SSE	.1	.5	3.4	1.3								5.3	7.1
S	.7	1.7	2.2	.6								4.4	7.9
SSW	.0	1.2	2.4	.8	.2							4.7	6.7
SW	.7	.6	7.9	2.6	.1	.3						7.0	10.6
WSW	.1	.7	1.7	1.7	.3							4.6	11.0
W	.1	.4	1.6	2.0	.1							4.3	10.7
WNW	.1	.4	1.8	7.8	.2	.1						6.6	12.7
NW	.0	1.3	4.1	9.7	1.4	.1	.2					17.0	12.1
NNW	.5	.6	3.8	4.2	1.1	.4						12.7	11.0
VARBL	.1	.1	1.0	.2								1.4	6.0
CALM												1.2	
	5.5	13.1	36.4	31.2	3.9	.9	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 929

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/RAC

SURFACE WINDS

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

STATION 17201 STATION NAME LAGUNA AIR AFB YEARS 71-80 MONTH 1971-1980
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	3.2	1.5	.2							3.1	7.8
NNE	.4	1.3	2.2	1.0								4.9	7.9
NE	.4	1.1	.5	.1								2.2	5.3
ENE	.3	.5		.3								1.2	6.4
E	1.0	1.2	1.4	.6								4.8	7.0
ESE	.4	1.2	.5	.1								2.4	6.1
SE	.2	.4	.8									1.2	6.9
SSE	1.0	2.7	3.0	.9								7.2	6.7
S	.9	2.2	2.7	.4								5.1	6.7
SSW	.3	.9	1.4	1.0								2.4	6.5
SW	.2	2.3	2.3	1.6	.1							5.5	6.7
WSW	.5	.3	1.7	1.4		.1						4.5	6.2
W	1.0	1.6	2.7	1.4	.1							5.8	7.9
WNW	.3	1.0	3.0	2.3								7.4	6.2
NW	.3	2.4	7.1	5.5	.9	.2	.1					16.7	10.4
NNW	.6	2.3	3.5	3.2	.3	.3						10.3	9.4
VARBL	.2		.2									.4	6.7
CALM												4.5	
	10.0	25.1	36.5	21.3	1.6	.6	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 230

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAJES AS AT STATION NAME 71-AC YEARS 1950-1956 MONTH 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	.1	1.1	2.2	1.4	.5							5.7	7.4
NNE	.5	1.1	2.5	.2								5.5	7.1
NE	.7	1.1	.9									5.7	6.4
ENE	.4	.3		.2								1.1	4.3
E	.1	.3	.8	.5								1.7	7.7
ESE	.1	.9	.4	.1								1.5	6.4
SE	.1	1.3	.8	.1								2.3	6.2
SSE	1.6	2.0	1.9	.5								5.1	6.7
S	1.5	1.7	1.6	.8								5.2	7.7
SSW	1.2	1.2	1.7	1.0								5.1	7.7
SW	1.3	1.9	1.2	1.0	.1							5.4	7.1
WSW	1.4	1.1	1.5	1.2	.1							5.3	7.5
W	1.1	2.7	2.5	.6								7.2	6.1
WNW	1.7	3.1	3.4	1.5								9.5	6.4
NW	1.7	2.3	3.7	2.5	.9	.1	.2					11.3	9.1
NNW	.4	.8	1.7	1.3	.1							5.7	6.7
VARBL	.4		.1									.7	3.2
CALM												17.1	
	15.6	22.5	27.2	13.0	1.7	.1	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AF WEATHER SERVICE/MAO

SURFACE WINDS

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

STATION LAJES AB AC STATION NAME LAJES AB AC YEARS 71-80 MONTH ALL
 CLASS ALL WEATHER
 CONDITION _____
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	1.7	1.9	.3	.2						7.6	9.0
NNE	.7	1.1	1.2	.4	.0	.1	.2					3.9	5.7
NE	.7	1.5	1.3	.1								3.5	5.5
ENE	.4	.1	.2	.2								1.5	5.4
E	.4	.2	1.4	.8								3.5	6.2
ESE	.1	.6	.7	.2								1.4	7.4
SE	.2	.2	1.2	.3								2.7	7.2
SSE	.5	1.4	2.5	.8	.0							5.7	7.5
S	.9	1.5	1.9	.7	.2							5.1	7.1
SSW	.5	1.2	1.6	.8	.1	.2						4.1	6.5
SW	.7	1.6	2.5	1.8	.2	.1						6.7	6.9
WSW	.7	.9	1.9	1.5	.3	.0						5.3	6.3
W	1.1	1.5	2.0	1.1	.1							5.7	7.5
WNW	.4	1.2	2.8	2.3	.1	.2	.2					7.9	9.2
NW	.5	2.0	4.7	5.2	.8	.1	.1					13.7	10.9
NNW	.6	1.2	2.8	3.3	.6	.3						6.9	10.9
VARBL	.2	.1	.4	.0								.7	6.6
CALM												12.0	
	2.9	20.5	32.6	21.5	2.7	.8	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 7439

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20540
 AIR FORCE WEATHER SERVICE/AFAC

SURFACE WINDS

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

STATION LAJES AFB STATION NAME LAJES AFB YEARS 71-80 MONTH JUL
 CLASS ALL WEATHER MONTHS 000-0000
 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	48-53	≥56	%	MEAN WIND SPEED
N	.7	2.7	4.4	1.4								.7	7.0
NNE	.1	1.7	1.9	.2								3.9	7.0
NE		1.7	.3	.2								1.9	5.0
ENE	.4	1.7	.4	.1								2.1	5.0
E	.4	.7	.6	.7	.1							3.7	7.3
ESE	.6	.4	.6									2.0	5.0
SE	.1	.9	.7	.2								1.9	7.0
SSE	.7	1.3	1.3	.7								.7	5.0
S	1.4	.6	.7	.6								3.3	6.0
SSW	.7	1.1	1.7	.1								3.1	5.0
SW	1.3	1.6	1.1	.2		.1						4.3	5.0
WSW	1.4	.7	.8	.3								2.2	5.0
W	1.7	1.9	.9									4.4	4.0
WNW	1.7	2.3	1.9	1.7								7.2	7.3
NW	1.4	2.3	4.1	1.8	.1							9.3	7.4
NNW	.7	2.7	4.7	1.4								9.5	5.0
VARBL			.7									.7	7.0
CALM												7.0	
	12.7	22.1	25.7	9.7	.2	.1						100.7	5.0

TOTAL NUMBER OF OBSERVATIONS 400

UNITED STATES METEOROLOGICAL SERVICE
 WASHINGTON, D.C.
 AT WASHINGTON - SERVICE 7140

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

SURFACE WINDS

STATION LAJES AP 47 STATION NAME LAJES AP 47 YEARS 71-80 MONTH JAN-FEB
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.1	4.1	1.0								14.1	7.1
NNE		1.7	.7	.2								2.6	2.9
NE	.8	1.2	1.0	.1								3.1	2.1
ENE	.7	.4	.1	.4								1.6	1.4
E	.2	.4	.7	.2								1.5	1.2
ESE	.4	.6	.2	.1								1.3	1.3
SE	.4	.6	.6	.4	.1							2.2	2.7
SSE	.7	1.2	.6	.1								2.6	1.6
S	1.2	1.3	.6	.9								4.0	2.3
SSW	.7	.7	1.6	.1								3.1	1.8
SW	1.2	1.3	1.2	.2								4.0	1.9
WSW	.9	1.1	.9	.1								3.0	2.1
W	2.8	1.7	.7									5.2	4.0
WNW	1.3	3.1	2.8	1.2								7.7	3.7
NW	1.2	2.4	2.9	1.6	.1							10.2	3.9
NNW	.6	1.6	5.2	2.2	.1							9.4	3.9
VARBL	.1		.1									.2	4.1
CALM												3.7	
	14.7	22.3	22.1	9.9	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 671

NATIONAL METEOROLOGICAL SERVICE / MAC

SURFACE WINDS

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

STATION: LAJES A-4 STATION NAME: LAJES A-4 YEARS: 71-72 MONTH: 7-12
 CLASS: ALL WEATHER
 CONDITION: _____
 HOURS [L.S.T.]: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	1.7	1.7	.1							1.1	1.1
NNE	.7	1.1	.8	.1								.7	1.1
NE	.7	1.3	.4	.1								.7	1.3
ENE	.8	.1	.2	.7								.8	1.3
E	.7	1.3	.6	.3								.7	1.3
ESE	.7	.3	.7	.2								.7	1.3
SE	.7	1.3	.6	.7								.7	1.3
SSE	.1	1.4	.9	.2	.1							.1	1.4
S	1.1	.1	.7	.7								1.1	1.1
SSW	.7	1.3	.2	.1								.7	1.3
SW	.8	1.3	1.3	.4								.8	1.3
WSW		1.7	1.2	.1									1.7
W	1.1	1.2	.7	.1								1.1	1.1
WNW	1.7	1.7	2.3	1.7								1.7	1.7
NW	2.0	1.4	3.7	1.7	.1							2.0	1.7
NNW	.4	1.4	6.6	3.6	.3							.4	1.4
VARBL	.1		.4									.1	.4
CALM													
	11.0	71.7	26.4	13.2	.7							11.0	11.0

TOTAL NUMBER OF OBSERVATIONS: _____

FEDERAL BUREAU OF SURVEY
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANOGRAPHIC SERVICE

SURFACE WIND

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

STATION LAJ A A STATION NAME LAJ A A YEARS 71-80 MONTHS 1-12
 ALL WEATHER CLASS ALL WEATHER HOURS (L.S.) 24
 CONDITION ALL WEATHER

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	ME WIND SPE
N	1.7	3.4	1.7	.7	.7							1.7	
NNE	.7	2.7	7.0									.7	
NE	.7	2.7	1.7									.7	
ENE	1.7	2.7	1.7	.7								.7	
E	.7	2.7	2.7	.6								.7	
ESE	.1	.7	1.7	.6								.3	
SE	.4	.9	1.7	.7								.7	7
SSE	.7	1.1	1.6	.6								.6	
S	.7	1.1	1.4	.3	.1							.4	7
SSW	.7	.3	.7	.1	.2							.2	3
SW	.1	1.0	1.3	.6	.2	.1						.1	
WSW	.1	.7	1.2	.7	.2							.1	
W	.7	.2	1.6	.3								.2	
WNW	.7	.7	.9	1.7	.2	.2						.2	12
NW	.7	1.2	1.1	1.6	.1							1.2	
NNW	1.7	2.3	1.4	4.7	.6	.2						1.1	
VARBL	.7	.3	1.1									.7	
CALM												1.0	
	12.2	24.1	41.3	11.9	2.1	.6							

TOTAL NUMBER OF OBSERVATIONS

AD-A113 227 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAJES AB, AZORES. REVISED UNIFORM SUMMARY OF SURFACE WEATHER OB--ETC(U)

UNCLASSIFIED USAFETAC/DS-81/103

SBI-AD-E850 143

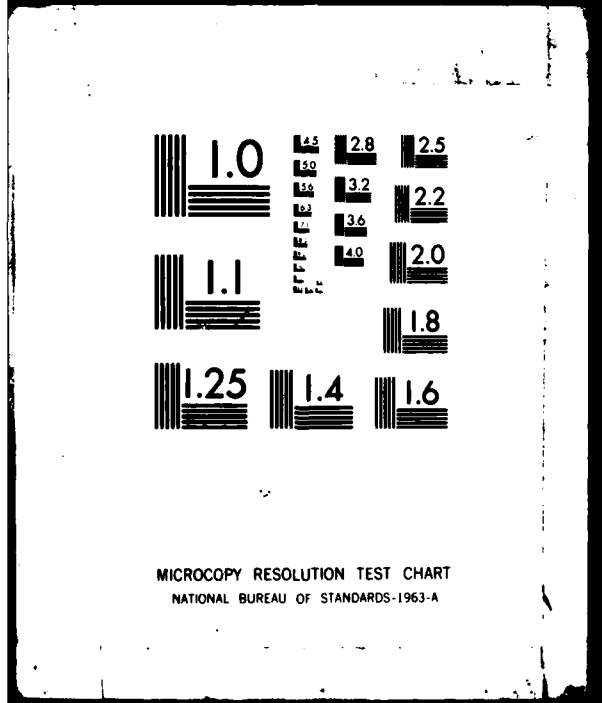
NL

2-5

2000

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13227



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAJES AD 02 STATION NAME LAJES AD 02 YEARS 71-80 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.8	7.0	2.0								10.3	8.3
NNE	.7	3.6	3.3	1.0								8.6	7.1
NE	.9	4.0	3.2	.7								5.9	6.5
ENE	.6	3.6	1.9	.6								6.6	6.4
E		2.0	4.7	.7								7.2	7.9
ESE		.7	.6	.2	.1							1.2	8.9
SE	.2	.4	1.6	.2	.2							2.7	6.6
SSE	.4	.7	2.6	.9								4.6	6.5
S	.4	1.0	.8	.4								2.7	7.0
SSW	.2	.7	1.1	1.0	.1							3.1	9.3
SW		1.0	1.2	.6	.1							2.9	8.8
WSW	.1	.7	1.6	.6	.1							3.0	8.7
W	.1	.8	1.1	.6	.4							3.0	9.7
WNW	.1	.2	1.1	1.6	.4							3.4	12.4
NW	.1	.9	4.1	5.6								10.7	11.1
NNW	.2	1.1	7.3	6.2	.7	.3						15.9	11.5
VARBL	.7	.6	1.6									2.8	5.6
CALM												.6	
	5.3	24.2	44.7	22.7	2.2	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1721 STATION NAME LAJES AB AZ YEARS 71-80 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.1	6.8	3.4								11.7	8.7
NNE	.9	1.9	2.2	.3								5.3	6.6
NE	.7	3.0	2.7	.8								7.1	6.8
ENE	.7	2.9	1.2	.2								5.2	5.9
E	.4	3.3	3.2	.9								7.9	7.0
ESE	.1	.2	1.0	.2	.1							1.7	8.5
SE		.7	2.0	.7	.2							3.6	9.3
SSE	.2	1.3	2.6	.7								4.2	7.8
S	.3	1.7	.7	.6	.1							3.0	7.7
SSW	.2	1.2	1.0	.2	.1							2.6	7.1
SW	.1	1.1	1.7	.8								3.7	8.2
WSW		.7	1.8	1.2								3.7	9.5
W	.1	.3	1.6	.4	.2							2.7	9.6
WNW		.3	.9	2.2	.1							3.6	12.2
NW	.2	.9	4.8	5.6	.6							11.9	11.1
NNW	.2	1.4	6.6	6.7	.8							15.8	10.6
VARBL	.7	.6	.6									1.8	4.6
CALM												.9	
	5.7	25.2	41.1	24.9	2.2							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/44C

SURFACE WINDS

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

STATION 1721 LAJES AB AZ STATION NAME LAJES AB AZ YEARS 71-80 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	5.1	5.3	2.4								13.7	7.7
NNE	1.3	1.3	1.6	.1								4.3	5.7
NE	1.0	1.8	2.1									4.9	5.8
ENE	1.8	1.4	1.1									4.3	4.7
E	1.4	3.6	1.2	.3								5.6	5.4
ESE	.1	.7	.7	.1								1.5	6.9
SE	.2	1.6	1.9	.6								4.8	6.9
SSE	.3	1.4	1.7	.1								3.8	6.8
S	.6	1.6	1.1	.1	.3							3.7	6.8
SSW	.1	1.7	1.0	.3	.1							3.2	7.1
SW	.3	1.7	1.0	.3								3.6	6.6
WSW	.3	1.3	1.1	.2								3.0	6.4
W	.2	1.6	1.2	.4	.1							3.8	7.4
WNW	.4	.6	2.3	2.2	.1							5.7	9.5
NW	.3	2.6	6.6	3.0	.3							12.8	9.2
NNW	.9	2.1	7.2	5.2	.1							15.6	9.4
VARBL	.4		.2									.7	4.0
CALM												4.4	
	11.2	30.3	37.3	15.6	1.1							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 172-1 LAJES AB AZ STATION NAME: LAJES AB AZ YEARS: 71-80 MONTH: JUN
 CLASS: ALL WEATHER MONTH: 2100-2300
 CONDITION: _____ HOURS (L.S.T.): _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.2	5.3	.0								10.5	7.2
NNE	.6	1.2	.9									2.7	5.9
NE	.6	.6	1.6									2.7	6.5
ENE	1.6	1.0	.8	.1								3.4	4.8
E	1.0	1.0	.6	.6								3.1	6.1
ESE	.3	1.1	.4									1.9	5.5
SE	.2	.9	.9	.7								2.7	7.9
SSE	.3	1.2	1.6	.2								3.3	6.8
S	1.4	.7	.7	.1	.2							3.1	5.7
SSW	1.2	1.0	.4	.8	.1							3.6	6.7
SW	.8	1.3	.9	.1								3.1	5.5
WSW	.8	.8	.4									2.0	4.7
W	2.0	1.6	1.3	.3								5.2	5.3
WNW	.9	1.1	2.8	1.4								6.2	8.0
NW	1.1	3.0	3.7	1.3	.2							9.3	7.7
NNW	1.3	2.8	4.9	4.6	.1							13.7	8.8
VARBL			.2									.2	7.0
CALM												23.2	
	15.1	22.5	27.4	11.1	.7							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
 USFETAC
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

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

10201 LAJES AB A2 STATION NAME 71-80 YEARS JUN MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	3.5	5.0	2.2	.0							12.5	7.9
NNE	.6	1.8	1.7	.3								4.4	6.5
NE	.6	1.4	1.6	.2								4.3	6.3
ENE	1.0	1.7	.9	.3								4.0	5.8
E	.8	1.9	1.7	.5	.0							4.9	6.7
ESE	.3	.6	.6	.2	.0							1.7	7.2
SE	.4	.9	1.2	.5	.1							3.0	7.7
SSE	.4	1.2	1.6	.4	.0							3.6	7.2
S	.9	1.7	.8	.5	.1							3.3	6.6
SSW	.5	1.0	.8	.3	.1							2.8	6.9
SW	.6	1.4	1.3	.4	.0	.0						3.8	6.9
WSW	.5	.9	1.1	.4	.0							2.9	7.2
W	1.0	1.2	1.1	.3	.1							3.7	6.3
WNW	.7	1.2	1.8	1.7	.1	.0						5.5	8.8
NW	.9	1.8	4.5	3.3	.2							10.7	9.1
NNW	.7	1.9	6.1	4.4	.4	.1						13.5	9.7
VARBL	.3	.3	.6									1.1	5.5
CALM												14.5	
	11.0	24.1	33.3	15.9	1.2	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7199

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

SURFACE WINDS

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

STATION 17201 LAJES AB AZ STATION NAME 71-80 YEARS JUL MONTH
 CLASS ALL WEATHER 0000-0200 HOURS (L.S.T.)
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.1	3.5	1.5								2.7	7.0
NNE	.4	1.5	1.8	.5								4.3	7.1
NE		.4	.9									1.3	7.3
ENE	1.2	2.0	1.3	.1								4.6	5.3
E	.8	1.6	.3									2.7	4.4
ESE	.2	.4	.5									1.2	5.5
SE	.3	.2	.1									.6	3.7
SSE	1.0	.9										1.8	3.6
S	1.7	.6	.3	.1								2.8	3.8
SSW	1.5	2.0	1.0									4.5	4.7
SW	1.6	.9	1.3	.6								4.4	6.0
WSW	1.0	1.1	.4	.4								2.9	6.1
W	3.4	2.2	.8									6.3	3.0
WNW	1.9	3.3	1.1	.6								7.0	5.4
NW	.8	1.9	1.8	.5	.2							5.3	6.8
NNW	.5	.8	1.1	1.2	.1	.1						3.6	9.3
VARBL		.1	.2									.3	6.3
CALM												36.5	
	17.8	23.1	16.5	5.7	.3	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 970

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1721 LAJES AB AZ STATION NAME LAJES AB AZ YEARS 71-80 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 300-0500
 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	1.1	1.5	4.3	1.6								.5	7.6
NNE	.3	1.1	2.3	.3								4.0	7.1
NE	.4	1.4	.9									2.7	6.0
ENE	1.6	1.1	.2	.1								3.0	4.0
E	.4	1.0	.8									2.2	5.3
ESE	.4	.4	.1									1.0	4.1
SE	.3		.1									.4	4.0
SSE	1.6	.2										1.8	2.6
S	1.6	.6	.2	.1								2.6	3.8
SSW	.9	1.4	.6	.4								3.3	5.8
SW	1.5	1.6	1.6	.8								5.5	6.5
WSW	1.3	1.4	.5	.3								4.0	5.0
W	3.0	1.6	.6	.2								5.5	4.2
WNW	1.4	1.7	1.0	.5								4.6	5.6
NW	1.2	2.7	2.9	.8								7.5	6.6
NNW	.4	.6	1.9	.9	.2	.1						4.1	9.1
VARBL	.1											.1	2.0
CALM												39.2	
	17.6	18.8	18.0	6.0	.2	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 936

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 2 1 LAJES AB AZ 71-80 JUL
 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	.0	2.2	3.1	2.0								5.8	7.7
NNE	.5	1.3	1.4	.2								3.4	6.7
NE	.6	2.2	1.1	.2								4.1	5.7
ENE	1.3	1.6	1.3	.1								4.3	5.3
E	.2	1.8	.6	.2								3.4	5.7
ESE	.3	.5	.1									1.0	3.9
SE	.3	.7	.1									.6	4.2
SSE	1.6	.9	.3									2.8	3.6
S	1.7	.6	.3									2.7	3.6
SSW	.8	.7	1.0	.3								2.9	6.0
SW	1.2	1.1	1.2	.9	.3							4.5	7.5
WSW	1.3	1.1	1.1	.4								3.9	6.3
W	1.8	2.0	1.0	.1								4.9	4.6
WNW	1.6	2.8	1.6	.4								6.5	5.9
NW	1.2	2.6	3.1	.4	.1							7.4	6.7
NNW	.5	1.4	3.3	1.5	.2							7.0	6.6
VARBL		.1										.1	4.0
CALM												31.5	
	16.5	23.9	20.6	6.9	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 121 LAJES AB AC STATION NAME LAJES AB AC YEARS 71-80 MONTH JUL
 CLASS ALL WEATHER 1900-1100
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	4.7	5.5	2.7								14.4	7.7
NNE	1.4	3.5	2.5	1.2								5.6	6.7
NE	2.2	2.6	1.2									5.9	4.7
ENE	.8	5.1	3.3	.4								9.6	6.1
E	1.1	2.9	2.3	.2								6.5	5.9
ESE	.3	.9	.9									2.0	6.2
SE	.1	1.2	.6	.2								2.2	6.6
SSE	.6	1.3	.9	.2								3.0	5.8
S	.4	1.2	.8	.1								2.5	6.0
SSW	.2	1.0	.2	.6	.2	.2						2.5	4.9
SW	.3	1.3	1.9	1.1	.2							4.8	6.8
WSW	.4	1.2	1.8	.6								4.1	8.1
W	.2	.3	.3	.5								1.4	8.9
WNW	.8	.6	2.4	.5								4.3	7.7
NW	1.2	1.0	4.1	2.9		.3						10.4	9.1
NNW	1.1	2.6	6.0	3.2	.3							13.2	8.6
VARBL	.3	.4	.5									1.3	5.8
CALM												3.3	
	12.7	32.9	35.2	14.6	.8	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 230

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17211 LAJES AB AZ STATION NAME LAJES AB AZ YEARS 71-80 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	3.3	7.2	3.7	.3							15.3	8.9
NNE	.5	4.0	3.7	.2								8.4	6.7
NE	.9	5.3	1.7									7.7	5.5
ENE	.6	3.3	4.3	.3								8.6	6.8
E	.6	2.7	5.3	.4								9.0	7.0
ESE	.1	.5	1.1	.1								1.9	7.1
SE	.2	1.1	.9	.2								2.4	6.8
SSE	.2	.4	1.2	.1								1.9	7.1
S	.3	1.0	.8									2.0	6.0
SSW	.2	.8	1.2	.6	.2							3.0	9.4
SW		1.0	1.6	.9	.4							3.9	10.2
WSW		.2	2.0	1.0								3.2	10.0
W		.8	1.2	.6								2.6	8.9
WNW	.3	.3	1.1	.6								2.4	8.7
NW	.8	1.7	3.9	4.2	.4	.2						11.2	10.1
NNW	.8	1.4	5.5	4.6	.3							12.6	10.0
VARBL	.2	1.0	1.5	.1								2.3	6.7
CALM												1.1	
	6.5	28.8	44.0	17.7	1.7	.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 211 LAJFS AB AZ STATION NAME LAJFS AB AZ YEARS 71-80 MONTH JUL
 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	.5	3.4	3.4	3.2								15.6	6.7
NNE	.9	3.0	4.1									7.8	6.6
NE	1.2	3.0	2.4	.1								7.5	5.7
ENE	.3	4.0	2.6	.1								7.0	6.2
E	.3	3.4	3.1	.3								7.2	5.9
ESE	.2	.4	1.3	.3								2.3	7.7
SE	.2	1.8	1.3									2.3	6.7
SSE	.3	.6	1.2	.1								2.3	5.6
S	.2	1.7	.1									1.3	5.0
SSW		.6	1.8	.2								2.7	7.4
SW	.2	1.1	2.8	1.6	.1							5.6	8.9
WSW	.1	.9	1.6	.6								3.2	8.5
W	.2	.5	.9	.8								2.5	8.7
WNW	.2	.4	.5	1.0								2.2	8.9
NW	.9	1.3	4.4	4.3	.5							11.3	10.1
NNW	.4	2.0	4.7	6.7	.2	.1						14.2	10.4
VARBL	.4	.8	1.0	.2								2.4	6.3
CALM												1.5	
	6.5	29.4	42.2	19.6	.9	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 977

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 1721 STATION NAME: LAJES AB AZ YEARS: 71-80 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L.S.T.): 1600-2000
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	5.5	6.9	1.7								17.4	7.7
NNE	1.2	2.2	2.4									5.7	5.7
NE	1.6	2.0	.9									4.5	4.6
ENE	1.2	3.7	1.6									6.5	5.3
E	1.3	3.3	1.4									6.0	5.3
ESE	.7	1.4	.6									2.4	5.4
SE	.4	1.7	.6									2.7	5.3
SSE	1.2	1.4	.5									3.1	4.1
S	1.2	.9	.3									2.4	3.9
SSW	.2	2.7	.9									3.1	5.6
SW	.4	2.7	1.2	.6	.3							4.3	7.4
WSW	.1	1.2	.6	.3								2.3	7.0
W	.5	1.0	1.1	.9								3.4	7.6
WNW	1.0	1.4	1.5	.6								4.5	6.9
NW	1.5	3.4	6.1	2.9	.1							14.2	5.0
NNW	.9	1.8	5.2	3.3	.3							11.5	9.2
VARBL	.6	.2	.1									1.0	3.6
CALM												6.1	
	15.7	35.1	31.9	10.4	.8							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

121 LAUREL AFB STATION NAME 71-80 YEARS JUL MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.0	4.6	1.6	.1							11.0	7.6
NNE	1.2	1.6	2.8	.1								5.7	6.4
NE	.4	1.4	.9									1.7	5.1
ENE	.2	1.3	1.3	.1								3.4	6.2
E	.6	1.9	.8									3.2	5.1
ESE	.3	.3	.1									.8	4.3
SE	.6	.3	.1									1.1	3.8
SSE	1.2	.8										1.7	3.1
S	1.7	.9	.1									2.6	3.1
SSW	1.3	1.3	.5	.3								3.4	5.2
SW	1.6	2.8	1.1	.3								5.8	5.1
WSW	1.5	1.3	.2	.2								3.0	4.6
W	3.4	2.0	.4	.2								6.1	3.9
WNW	1.9	3.0	.9	.3								6.0	5.6
NW	.5	1.4	2.8	.8								5.5	7.7
NNW	.6	.9	2.7	1.4	.1							5.8	8.5
VARBL	.3		.3									.6	5.3
CALM												71.5	
	19.3	25.1	19.6	5.4	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20541
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

11211 LAJES AP A2 71-80 JUL
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.7	3.5	5.4	2.3	.1							12.3	7.4
NNE	.3	2.3	2.6	.3								5.5	6.6
NE	.9	2.4	1.2	.7								4.5	5.4
ENE	.7	2.6	2.3	.2								5.2	5.8
E	.7	2.3	1.8	.1								5.2	6.5
ESE	.3	.6	.6	.1								1.5	5.9
SE	.3	.7	.5	.1								1.6	5.7
SSE	1.0	.8	.5	.1								2.4	4.6
S	1.1	.9	.4	.0								2.4	4.3
SSW	.6	1.2	.9	.3	.1	.0						3.2	6.6
SW	.9	1.5	1.6	.8	.2							5.0	7.5
WSW	.7	1.1	1.2	.5								3.3	7.0
W	1.6	1.3	.8	.4								4.1	5.4
WNW	1.1	1.7	1.2	.6								4.7	6.3
NW	1.7	2.1	3.6	2.1	.2	.1						9.1	8.4
NNW	.7	1.4	3.8	2.8	.2	.0						9.5	9.4
VARBL	.3	.3	.5	.0								1.1	5.2
CALM												18.3	
	13.9	27.1	28.5	10.8	.7	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7440

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1121 STATION NAME LAJES AR AZ YEARS 71-80 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.7	2.3	.6								6.6	6.7
NNE	.5	1.2	.5	.4								2.7	6.4
NE	.3	1.1	1.1	.5								3.0	7.2
ENE	.6	1.1	1.9	.5								4.2	7.3
E	.3	1.7	.9									2.9	5.6
ESE	.3	.1	.6									1.1	6.9
SE	.3	.2	.4	.1								1.6	5.5
SSE	.5	.5	.5	.4								2.0	6.7
S	1.7	.5	.6									2.2	4.9
SSW	1.7	1.1	1.1	.3								4.2	5.4
SW	2.3	2.3	1.6	.2								6.3	5.4
WSW	1.7	1.2	1.4	.1								4.4	5.4
W	3.8	2.4	.6	.4								7.2	4.3
WNW	1.6	1.8	.6	.4								4.5	5.4
NW	1.7	1.4	1.7	.6	.1							4.8	7.0
NNW	.1	1.5	1.5	.9								4.0	6.1
VARBL	.3		.1									.4	3.5
CALM												37.8	
	17.4	21.3	17.6	5.7	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 1 2 1 LAJFS AB AZ STATION NAME: LAJFS AB AZ YEARS: 71-80 MONTH: AUG
 CLASS: ALL WEATHER MONTH: 1300-2600
 CONDITION: _____ HOURS (L.S.T.): _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	2.5	.3	.1	.1						7.0	6.6
NNE	.3	.9	.4	.3	.1							2.0	7.1
NE	.9	.8	.2	.4								2.3	6.1
ENE	.5	1.7	1.8	.9								4.2	6.0
E	.5	.4	1.7	.1								2.0	6.4
ESE	.4	.5	.3	.1								1.4	5.2
SE	.6	.4	.6	.1								1.8	6.0
SSE	1.1	.9		.2								2.2	4.3
S	1.7	.6	.5									2.5	4.3
SSW	1.4	.5	.6									2.8	4.4
SW	.6	1.8	2.2	.6								5.3	7.3
WSW	1.7	1.4	1.2									4.3	4.7
W	3.3	1.8	.5	.3								6.0	4.3
WNW	2.4	2.2	.6	.5								5.7	5.0
NW	.9	1.2	1.6	.5								4.5	7.0
NNW	.5	1.2	1.1	1.4		.1						4.3	6.4
VARBL	.3		.2									.5	4.2
CALM												41.2	
	19.3	18.7	15.5	5.9	.2	.2						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

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

SURFACE WINDS

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

STATION 1721 LAJES AIR AFB STATION NAME LAJES AIR AFB YEARS 71-80 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.7	3.1	.6		.1						6.2	7.7
NNE	.7	1.1	.9									2.2	5.6
NE	.7	1.6	1.1	.5								3.4	7.5
ENE	.6	1.3	1.2	.6								4.0	6.6
E	.4	.5	1.5	.2								2.7	6.9
ESE	.7	.3	.8									1.4	6.4
SE	.8	.9	.3	.1								1.8	5.2
SSE	1.2	1.3	.2									2.7	4.1
S	1.1	1.2	.1									2.4	3.6
SSW	.9	.8	.6	.1								2.4	5.2
SW	1.7	2.7	1.6	.6								6.0	6.0
WSW	2.3	2.4	1.1	.4								5.0	5.1
W	2.3	1.7	1.5	.3								5.8	5.1
WNW	1.2	3.3	.9	.1								5.5	5.1
NW	.9	2.3	2.7	.8	.1							6.7	7.0
NNW	.6	1.7	2.5	1.3		.1	.1					6.3	8.4
VARBL	.1	.2	.1									.4	4.6
CALM												34.6	
	15.3	24.5	19.4	5.8	.1	.2	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/44C

SURFACE WINDS

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

STATION LAJES AB AZ STATION NAME LAJES AB AZ YEARS 71-80 MONTH AUG
 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	1.7	3.2	4.2	1.8	.1							11.2	7.5
NNE	.5	2.4	1.7	.2								4.3	6.4
NE	.3	2.5	1.9	.3								5.5	6.4
ENE	1.6	3.7	2.6	1.3	.1							7.2	6.6
E	.9	3.1	2.0	.3								6.2	6.3
ESE	.4	.9	1.1	.1								2.4	6.4
SE	.6	1.9	1.2	.3								4.1	6.2
SSE	.4	1.4	1.5	.2								3.5	6.2
S	.4	1.2	.5	.3								2.5	5.9
SSW	.4	1.7	1.2	.3								3.7	6.6
SW	.5	2.6	2.3	.3								5.7	6.5
WSW	.5	.8	2.9	.3								4.5	7.6
W	.2	.8	1.2	.2								2.4	7.5
WNW	.9	1.5	2.0	1.2	.2							5.8	6.0
NW	1.3	2.3	6.0	2.9	.2							12.7	6.6
NNW	1.1	2.9	4.2	1.8	.2							10.1	6.0
VARBL	.5	.8	.5									1.8	4.9
CALM												3.7	
	12.5	33.7	37.1	12.0	.9							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATOLGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 121 LAJES AB AZ STATION NAME LAJES AB AZ YEARS 71-80 MONTH ALL
 CLASS ALL WEATHER MONTH 12-14-80
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.5	5.9	.9								12.4	7.0
NNE	.5	2.4	2.5	.4								5.8	6.7
NE	.6	2.6	2.6	.5								6.3	6.9
ENE	.7	3.1	2.8	1.4								7.6	7.6
E	.6	2.4	4.7	.9								7.8	7.1
ESE	.1	.6	.8	.2								1.7	7.4
SE	.4	1.0	1.4	.4								3.2	7.3
SSE	.4	.8	1.1	.6								2.9	7.6
S	.7	1.1	1.8	.2								3.3	7.0
SSW	.3	1.3	1.8	.4								3.9	7.7
SW		1.6	1.4	.8								3.8	8.0
WSW	.2	.7	3.3	.6								5.1	8.1
W	.2	.8	1.1	.3								2.4	7.7
WNW	.4	.8	1.4	1.8	.3							4.7	9.6
NW	.1	2.8	5.3	4.6	.1							12.9	9.4
NNW	.4	1.9	6.7	3.3	.1							12.5	9.1
VARBL	.8	.5	.6									2.0	4.9
CALM												1.6	
	6.9	29.0	44.4	17.5	.5							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION LAJES AD A2 STATION NAME LAJES AD A2 YEARS 71-80 MONTH AUG
 CLASS ALL WEATHER MONTH 1500-1700
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	4.7	5.6	1.2								11.3	7.1
NNE	1.5	3.5	1.6	.1								6.8	5.4
NE	1.6	3.3	2.3	.5								7.7	6.0
ENE	1.7	2.2	3.2	1.3								8.4	7.1
E	.5	3.0	3.5	.2								7.3	6.5
ESE	.2	.5	.5	.1								1.4	6.6
SE	.2	.9	1.1	.4								3.2	6.4
SSE	.5	1.5	1.1	.3								3.4	6.7
S	.8	.6	.8									2.2	5.5
SSW		.8	1.7	.4								2.9	8.4
SW	.1	1.5	3.7	.4								5.7	8.1
WSW	.2	1.1	2.2	.5								4.0	8.0
W	.1	.9	.8	.1								1.8	7.1
WNW	.2	.1	1.8	2.5	.2							5.5	10.0
NW	.4	1.9	5.4	4.2	.2							12.2	9.5
NNW	.4	2.6	6.3	3.5								12.9	8.9
VARBL	.6	.4	.6									1.7	4.8
CALM												1.1	
	10.9	29.6	42.2	15.9	.4							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17211 LAJES AB AZ STATION NAME 71-80 YEARS MONTH AUG
 1970-2000 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.1	3.1	3.4	1.2	.1							5.9	7.1
NNE	1.6	2.8	1.1									5.5	4.8
NE	.4	2.5	1.1	.2								4.5	5.5
ENE	1.7	2.5	1.9	.6	.1							6.7	6.2
E	1.1	2.4	1.6	.3								5.4	5.6
ESE	.5	.6	1.0									2.2	5.7
SE	1.3	1.1	.4	.3								3.1	4.9
SSE	1.3	1.0	.8	.1								3.1	5.1
S	1.7	1.3	.1	.1								3.2	3.7
SSW	.5	1.2	.2	.1								2.0	4.9
SW	1.5	2.9	2.8	.5								7.7	6.5
WSW	.9	1.5	1.9	.3								4.6	6.4
W	1.4	.6	1.0	.2								3.2	5.4
WNW	1.2	1.4	2.3	.6	.1							5.6	6.0
NW	.9	2.8	6.1	1.9								11.7	8.0
NNW	1.1	3.5	4.7	1.5								10.9	7.5
VARBL	1.0	.1	.2	.1								1.4	3.2
CALM												10.0	
	19.5	31.3	30.6	8.3	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

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

STATION 1721 STATION NAME LAJES AB AZ YEARS 71-80 MONTH AUG
 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	.8	2.5	2.2	.9								6.2	6.9
NNE	.3	1.6	1.0									2.9	5.7
NE	.5	1.9	.6	.1								3.2	5.3
ENE	.3	1.1	1.9	.9								4.2	6.0
E	.5	1.1	1.1	.2								2.9	6.1
ESE	.2	.4	.9									1.5	6.1
SE	.3	.5	.5	.2								1.6	6.2
SSE	1.1	.4	.4	.2								2.2	4.9
S	1.2	1.0	.2	.2								2.6	4.3
SSW	2.3	1.4	1.1	.3								5.1	5.2
SW	1.9	2.5	1.4									5.9	4.9
WSW	2.3	1.7	.6	.2								4.8	4.5
W	3.9	1.3	.1	.3								5.6	3.8
WNW	1.5	1.7	.8	.9								4.8	6.2
NW	.6	2.3	1.3	.6								4.8	6.8
NNW	.2	2.1	2.6	1.1								5.7	7.8
VARBL	.1	.1	.3									.5	6.2
CALM												35.2	
	18.1	23.7	17.0	6.1								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17201 LAJES AB AZ 71-80
 STATION STATION NAME YEARS
 ALL WEATHER CLASS
 AUG MONTH
 ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.1	3.6	.9	.0	.0						5.9	7.1
NNE	.7	2.0	1.2	.2	.0							4.1	5.9
NE	.7	2.0	1.4	.4								4.5	6.3
ENE	.9	2.1	2.2	.9	.0							6.1	7.1
E	.6	1.8	1.9	.3								4.7	6.4
ESE	.3	.5	.7	.1								1.6	6.3
SE	.6	.9	.8	.3								2.6	6.0
SSE	.6	1.0	.7	.3								2.6	5.8
S	1.0	.9	.6	.1								2.6	4.9
SSW	.9	1.1	1.0	.3								3.4	6.0
SW	1.1	2.2	2.1	.4								5.9	6.6
WSW	1.2	1.4	1.8	.3								4.7	6.2
W	1.9	1.3	.8	.3								4.3	5.0
WNW	1.2	1.6	1.3	1.0	.1							5.3	7.0
NW	.8	2.2	3.7	2.0	.1							8.7	8.3
NNW	.6	2.2	3.7	1.9	.0	.0	.0					8.4	8.4
VARBL	.5	.3	.3	.0								1.1	4.7
CALM												20.7	
	14.6	26.5	28.0	9.7	.3	.1	.0					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 7440

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1021 LAJES AB AZ STATION NAME LAJES AB AZ YEARS 71-80 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 000-0200
 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	.4	1.7	1.8	.9								4.3	7.6
NNE	.7	.7	.8	.2		.2						2.6	7.7
NE	.2	1.2	1.1	.1								2.7	8.1
ENE		1.1	1.2	.1								2.4	7.2
E	.3	.9	1.6	2.1	.1							5.0	9.3
ESE	.3	.9	.4	.2	.3							2.2	8.2
SE	1.0	1.1	.6	.8	.1							3.6	7.0
SSE	1.2	1.9	1.3	.1								4.6	5.5
S	1.7	1.9	1.4	.2	.3							5.6	6.3
SSW	.2	.3	.6	.6	.2							1.9	9.4
SW	1.4	1.8	2.0	.9	.2							6.3	7.2
WSW	2.0	1.9	.6	.4								4.9	5.1
W	2.3	1.4	.7	.2								4.7	4.7
WNW	1.1	1.8	1.1	.1								4.1	5.7
NW	1.0	1.2	1.3	1.8	.6	.1	.1					6.1	9.9
NNW		.4	1.6	2.1	.2							4.3	10.7
VARBL	.1											.1	3.0
CALM												34.2	
	14.1	20.2	18.0	10.9	2.1	.3	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 172.1 LAJES AB A7 STATION NAME LAJES AB A7 YEARS 71-80 MONTH SEP
 CLASS ALL WEATHER MONTH SEP-0500
 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	.2	.3	2.0	.8		.1						3.9	4.5
NNE	.1	2.1	.3	.2								3.4	6.1
NE	.1	1.1	.9	.1								2.2	6.8
ENE	.1	.3	1.1									1.6	6.8
E	.7	.4	.7	1.3								3.1	8.0
ESE	.2	.4	1.3	1.0	.2							2.2	10.2
SE	.8	.9	1.2	1.1								3.9	7.9
SSE	1.0	1.3	.9									2.2	8.5
S	1.9	1.6	1.3	.8								3.4	6.3
SSW	1.1	1.2	1.2	.3								3.9	6.2
SW	1.3	1.9	1.4	.1	.1							4.9	5.6
WSW	.9	1.7	1.4	1.0								3.0	7.2
W	3.2	2.9	.6	.3								7.0	4.4
WNW	1.1	.9	1.0	.4								3.4	6.5
NW	.2	1.3	2.4	1.6	.2	.3						6.1	10.2
NNW		.2	2.1	2.4	.1	.1						5.0	11.0
VARBL	.2											.2	2.0
CALM												34.4	
	13.3	19.0	20.4	11.6	.7	.6						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 1021 LAJES AR 47 STATION NAME: LAJES AR 47 YEARS: 71-80 MONTH: SEP
 CLASS: ALL WEATHER MONTH: SEP
 HOURS (L.S.T.): 2400-2400
 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		1.3	2.7	.7								4.4	7.7
NNE	.1	1.4	1.0	.3								2.8	7.2
NE	.2	.7	1.3	.2								2.4	7.5
ENE	.3	.7	.8	.3								2.1	7.2
E	.6	.3	.9	1.8	.1	.1						3.5	10.4
ESE	.1	1.1	1.0	1.1	.1							3.4	8.7
SE	.4	.9	1.3	.7								2.3	7.6
SSE	1.7	1.6	.4	.2								3.9	4.6
S	1.6	2.0	1.1	.3								5.0	5.4
SSW	1.6	.8	1.1	.4	.1							4.0	6.3
SW	1.0	2.0	1.6	.9	.2							5.7	7.1
WSW	.7	2.1	1.9	.6								5.2	6.4
W	2.9	2.2	1.3	.4								6.9	5.2
WNW	1.1	1.1	.8	.9								3.9	6.9
NW	.1	1.4	2.1	1.3	.3	.1	.2					5.7	10.6
NNW		.4	2.2	3.1	.7	.2						6.7	12.8
VARBL	.2											.2	2.5
CALM												3.4	
	12.6	20.6	20.9	13.3	1.6	.4	.2					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

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

STATION LAJES AT AY STATION NAME LAJES AT AY YEARS 71-80 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1100
 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	1.9	3.7	1.4								7.9	5.0
NNE	.4	.9	1.8	.3								3.4	7.0
NE	.8	.8	2.3									3.9	6.8
ENE	.7	1.4	1.3	.6								3.7	7.0
E	.3	2.3	4.1	1.9	.1							5.8	6.2
ESE	.5	.6	1.1	1.0	.6							3.1	9.1
SE	.4	1.2	2.3	1.8								5.6	6.0
SSE	.9	1.1	2.1	.4								4.6	6.2
S	.7	1.7	1.8	.8								4.6	7.6
SSW	.0	1.4	2.2	.3								4.4	7.8
SW	.0	2.3	3.5	1.2	.2	.1						3.2	8.5
WSW	.1	1.6	2.6	1.0	.1							5.3	8.6
W	.6	.4	.7	.8								2.4	3.9
WNW	.9	.9	2.2	.6								4.6	7.4
NW	.9	2.4	4.3	2.7	.8	.4	.1					11.7	10.0
NNW	1.7	2.2	3.0	3.6	.7	.3						10.8	10.0
VARBL			.1									.1	6.7
CALM												5.6	
	2.9	23.2	39.4	18.3	2.4	.9	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR FATHER SERVICE/MAC

SURFACE WINDS

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

1721 LAJES AB AC 71-80 SEP
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.1	4.9	.0	.1							6.2	7.8
NNE	.2	2.1	2.7	.1								4.4	6.8
NE	.1	1.7	2.2	.3								4.3	7.5
ENE	.3	1.9	2.8	.3								5.2	7.1
E	.7	2.6	5.2	2.1	.4							10.7	8.8
ESE	.1	.3	1.7	2.2	.1							4.4	10.5
SE	.6	1.2	1.9	1.6	.1							5.3	8.7
SSE	.1	1.7	2.8	1.7								4.9	6.5
S	.7	1.0	1.7	.3								3.2	7.7
SSW		1.1	2.7	.6								4.3	6.2
SW		1.7	4.6	.8	.2							7.2	6.9
WSW	.2	1.3	3.3	1.3	.1							6.3	9.1
W	.1	.6	1.7	.6	.4							2.7	10.1
WNW	.7	.2	1.3	1.3	.1							3.3	10.6
NW	.2	1.2	3.6	4.4	.9	.3						11.2	11.2
NNW	.6	1.4	4.2	4.3	1.6	.1						12.2	11.1
VARBL		.3	.4	.1								.9	7.0
CALM												1.0	
	3.7	22.2	46.2	22.3	4.1	.4						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/4AC

SURFACE WINDS

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

121 LAJES AB AZ 71-80 SEP
 STATION STATION NAME YEARS MONTH
 ALL WEATHER 1980-1980
 CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.2	3.1	1.2								6.9	7.9
NNE	.7	2.2	.9	.1								3.9	5.4
NE	.7	2.0	3.6	.3								5.6	6.5
ENE	.9	2.7	1.9	.3								5.0	6.5
E	.9	2.4	3.6	2.8	.2	.1						10.0	6.7
ESE	.1	.6	2.8	1.2	.3							5.0	5.2
SE	.7	1.1	2.0	.9								4.2	5.1
SSE	.6	1.4	3.9	.7								6.6	7.1
S	.3	1.9	1.9	.3								4.4	7.3
SSW	.1	1.7	3.0									4.1	7.4
SW		1.6	3.8	1.0	.6	.2						7.1	10.0
WSW	.1	.9	1.8	.3	.1							3.2	4.3
W	.4	.4	1.7	.2								2.5	7.4
WNW		.6	1.8	1.2	.1							3.7	10.2
NW	.4	2.2	4.7	3.7	1.7	.2						12.2	10.4
NNW	.7	2.2	4.1	5.1	1.0							12.3	10.8
VARBL	.3	.1	.2									.7	4.3
CALM												.9	
	6.3	24.9	44.6	19.4	3.3	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1 271 STATION LAJES AB AZ STATION NAME 71-80 YEARS SEP MONTH 1900-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	2.2	.6								8.3	6.7
NNE	.2	1.0	1.7									3.7	6.4
NE	.2	1.0	1.3	.1								3.5	6.3
ENE	.3	.9	1.0	.2								2.9	6.0
E	.7	1.7	2.2	2.2	.1	.1						7.0	9.0
ESE	.1	2.0	2.0	.7	.3	.2						5.3	6.9
SE	1.7	1.3	1.1	.3								3.3	5.8
SSE	1.9	3.1	1.8									6.7	5.1
S	2.1	2.3	1.6	.6								6.4	5.8
SSW	.9	2.1	.6	.3								3.9	5.8
SW	.6	1.3	2.1	1.0	.3	.1						5.4	6.9
WSW	1.0	1.7	1.0									3.7	5.3
W	1.0	1.7	.4	.1								4.1	4.2
WNW	1.4	3.3	1.9	.8		.1						7.6	6.5
NW	1.7	2.8	3.1	1.7	.7	.2						10.1	6.3
NNW	.6	.3	2.4	3.6	.6	.1						7.6	11.5
VARBL	.2	.1	.2									.6	5.0
CALM												17.3	
	16.1	29.9	26.7	12.1	2.0	.9						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 121 LAJES AB AZ STATION NAME LAJES AB AZ YEARS 71-80 MONTH SEP
 CLASS ALL WEATHER MONTHS 2100-2300
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.2	1.7	.9	.2							4.3	6.1
NNE	.1	2.7	.9		.1							3.4	6.3
NE	.3	.7	.4	.3								1.9	6.6
ENE	.4	.4	.7	.2								1.9	6.9
E	.2	1.3	1.7	2.0	.3	.1						5.7	10.1
ESE	.3	1.3	1.0	.7		.2						3.6	8.3
SE	.2	1.1	1.3	.7								3.3	7.5
SSE	1.7	2.4	.7	.3								5.3	4.7
S	1.9	2.3	1.7	.4	.1							6.4	6.0
SSW	1.1	1.0	.8	.9	.1							3.9	7.5
SW	.9	1.9	1.3	.4								4.5	6.6
WSW	1.2	1.4	1.2	.4								4.3	5.9
W	1.9	1.6										3.4	5.5
WNW	1.3	1.8	1.4									4.6	5.2
NW	1.2	1.4	1.1	1.9	.6	.2						6.4	9.3
NNW	.2	.8	1.2	2.7	.9							5.3	11.8
VARBL	.2	.1	.1									.4	4.0
CALM												70.0	
	14.3	23.7	17.2	11.9	2.3	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

SURFACE WINDS

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

1 211 STATION LAJES AP AZ STATION NAME 71-80 YEARS SEP MONTH
 ALL WEATHER CLASS ALL 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	1.7	2.7	.9	.0	.0						5.3	7.2
NNE	.3	1.7	1.2	.2	.0	.0						3.5	6.6
NE	.7	1.3	1.7	.2								3.4	6.8
ENE	.4	1.1	1.3	.3								3.1	6.9
E	.5	1.5	2.5	2.0	.2	.1						6.7	9.5
ESE	.2	.9	1.4	1.0	.2	.1						3.7	9.3
SE	.6	1.1	1.5	1.0	.0							4.2	7.7
SSE	1.2	1.7	1.7	.3								5.0	6.1
S	1.2	1.9	1.6	.5	.1							5.1	6.4
SSW	.7	1.1	1.5	.4	.1							3.3	7.1
SW	.7	1.8	2.6	.8	.2	.1						6.2	6.1
WSW	.8	1.6	1.7	.6	.0							4.7	7.1
W	1.7	1.4	.8	.3	.1							4.2	5.5
WNW	.9	1.3	1.4	.7	.0	.0						4.4	7.1
NW	.7	1.8	2.8	2.4	.6	.2	.1					8.7	10.0
NNW	.3	1.7	2.6	3.4	.7	.1						9.1	11.0
VARBL	.2	.1	.1	.0								.4	4.7
CALM												18.6	
	11.3	23.0	29.2	15.0	2.3	.6	.1					170.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7200

AL CLIMATOLOGY BRANCH
 STA
 A TATION SERVICE UNIT

SURFACE WINDS

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

STATION 141 STATION NAME NOVA A7 YEARS 1981 MONTH 01-1200
 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	.0	1.7	3.4	1.6	.8							.0	4.0
NNE	.0	.9	.4	.9	.1							.0	3.1
NE	.1	.0	1.0	.3								.0	8.0
ENE	.0	1.1	1.1	.4	.5							3.0	7.8
E	.1	.0	.9	.2	.3							2.2	5.0
ESE	.2	.0	1.1	.5	.1							.0	8.7
SE	.0	1.0	1.3	1.1	.1							.4	7.9
SSE	.0	3.1	1.4	.4								.6	7.6
S	.0	2.4	.8	1.4	.2	.2						6.0	7.1
SSW	.2	1.3	1.2	1.2	.4							4.0	7.4
SW	1.0	1.5	1.2	1.2								.0	7.1
WSW	.0	1.0	1.6	.5	.1							.0	7.3
W	1.0	1.0	.4	.4	.1							4.0	.6
WNW	.0	1.7	2.6	1.5	.6							.0	3.3
NW	.0	1.1	.9	.1	.6							.0	1.0
NNW	.0	.0	2.5	4.0	1.0	.4						.8	12.0
VARBL	.0											.0	2.5
CALM												.0	
	1.0	21.0	22.6	18.8	5.1	.6						10.0	6.0

TOTAL NUMBER OF OBSERVATIONS 13

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIRCRAFT SERVICE/MAC

SURFACE WINDS

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

STATION AA STATION NAME AA YEARS 1960-1960 MONTH 1960-1960
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.0	7.0	2.0	.0	.7						.0	0.3
NNE		1.0	.0	.6	.1							2.5	.8
NE		.7	.7	.3	.7							.1	11.2
ENE	.0	1.1	1.0	.3	.4							.0	1.0
E	.0	.3	.4	.1	.3							.0	3.6
ESE	.0	1.1	.0	.5								2.0	7.0
SE	.0	1.0	1.6	.9	.1							.0	7.0
SSE	.0	3.3	1.2	.6	.1							.0	5.8
S	1.0	1.7	1.2	1.1	.1							.0	1.0
SSW	.0	1.1	.0	1.4	.3							4.4	.2
SW	.0	1.7	1.5	1.3	.7	.1						5.0	9.9
WSW	1.0	1.0	.7	.1								3.0	1.0
W	1.0	2.2	1.6	.4								5.7	.7
WNW	.0	1.3	1.3	1.4	.6	.4						.4	11.1
NW	.0	1.3	2.5	2.7	.4	.1						7.3	1.2
NNW	.1	.0	2.6	3.7	1.1	.2						.0	12.3
VARBL													
CALM												2.0	
	11.7	22.4	21.3	17.5	5.4	1.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

AF CLIMATOLOG BRANCH
 AF STATION SERVICE BRANCH

SURFACE WINDS

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

STATION: 121 STATION NAME: A. A. YEARS: 1-80
 CLASS: ALL DATA MONTH: 1-12
 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	1.2	4.1	2.0	.7							.7	.7
NNE		.0	.1	1.3								.1	1.6
NE	.3	.0	.4	.2	.2	.1						.9	.9
ENE	.1	.0	.5	.6	.1	.2						1.3	1.3
E	.0	.0	.5	.1	.7							.5	.5
ESE	.0	1.1	.5	.4								.7	7.0
SE		1.3	1.4	.6	.1							.7	7.0
SSE	1.4	2.0	1.7	.3	.1	.1						.5	.7
S	.3	2.4	1.0	1.7	.1							.4	.7
SSW	.0	.0	.9	.5	.7	.1						.5	.5
SW	.0	1.0	1.6	1.1	.5	.1	.1					.5	1.8
WSW	1.2	.0	.6	.6			.1					.5	.5
W	2.0	2.0	2.5	.5								.4	.5
WNW	1.0	1.0	2.4	1.0	.6	.2						.0	.4
NW	.0	1.3	2.8	2.2	.2	.2						.0	1.0
NNW	.0	1.3	2.2	2.7	1.0	.9						.9	1.8
VARBL	.0											.0	2.0
CALM												.0	
	12.0	20.1	23.2	17.2	4.7	1.0	.2					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS _____

AL CLIMATOLOGY BRANCH

STAG

AIR FORCE SERVICE/MAC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____

CLASS ALL WEATHER

CONDITION _____

MONTH _____

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	1.0	3.4	1.7	.6	.1						.0	1.3
NNE	.0	.0	.7	.5								2.0	6.0
NE		1.1	1.0	.3	.7							.0	.0
ENE	.0	1.1	.0	1.6	.4							4.0	.0
E	.0	1.0	1.1	.4	.3							3.0	.4
ESE	.0	1.0	1.5	1.0								.5	7.6
SE	.0	1.0	2.6	1.1								.5	0.0
SSE	1.0	2.4	2.6	.9								.1	.7
S	.1	2.0	1.3	1.1	.6	.1						.0	1.4
SSW	.1	1.3	1.0	1.0	.5	.1						4.0	7.0
SW	.3	.0	1.6	1.2	.5							.4	1.2
WSW	.0	1.5	1.9	.6								.4	7.6
W	.0	1.0	1.2	1.1								.5	7.0
WNW	.0	2.0	1.9	3.5	1.0	.1						.0	17.0
NW	.1	1.5	3.3	2.6	.5	.1						.0	7.5
NNW	.0	1.4	2.7	4.3	1.6	.9	.3					11.0	17.0
VARBL	.0	.1	.1									.0	5.3
CALM	X											.7	
	10.0	23.1	20.2	23.0	6.5	1.5	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL BUREAU OF SURVEILLANCE
 NATIONAL CLIMATOLOGY BRANCH
 METAC
 AIR FORCE WEATHER SERVICE/MAAC

SURFACE WINDS

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

STATION 121 WFO, A STATION NAME ALL LEATH- YEARS 7-8 MONTH 10-1700
 CLASS 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	2.4	2.0	2.3	.5	.1						.8	.9
NNE	.0	1.3	.7	.4	.1							.1	1.1
NE	.0	.0	.0	.4	.1							.2	7.5
ENE	.0	1.3	1.5	.9	.7							4.0	7.0
E	.0	1.0	1.2	.6	.1							.0	7.1
ESE	.0	1.0	1.4	.9								.0	7.1
SE	.0	1.0	1.2	1.1								.0	7.4
SSE	.3	2.0	2.2	.8								.1	.0
S	.0	2.3	1.6	.4	.4	.1						.0	7.8
SSW	.0	1.7	1.1	1.0	1.0	.1						5.7	9.7
SW	.0	2.0	1.4	.9	.5							.0	8.2
WSW	.0	1.4	1.6	.2								.0	6.7
W	.0	1.0	2.2	1.2	.2							.5	6.7
WNW	.3	.0	2.4	2.6	1.1							.0	11.2
NW	.1	2.2	5.6	3.8	1.0							13.5	.7
NNW	1.2	.0	7.0	5.2	1.9	.5	.2					1.0	12.4
VARBL	.0		.1									.2	.0
CALM												1.0	
	0.2	25.5	32.0	22.5	7.1	.9	.2					170.0	.9

TOTAL NUMBER OF OBSERVATIONS 170

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGICAL SERVICE
 METEOROLOGICAL SERVICE DIVISION

SURFACE WINDS

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

STATION 121 STATION NAME ALL LEATHER YEARS 1960 MONTH 10-10
 CLASS ALL LEATHER
 HOURS (L.S.T.) 1000-1000
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.7	2.0	1.9	.5	.1						.7	9.0
NNE	.0	.0	1.4	.2	.1							.0	0.0
NE	.0	1.0	1.6	.2								.0	1.0
ENE	.0	.0	1.6	.3	.1							.0	.1
E	.0	.0	.6	.1	.5							.0	.1
ESE	.0	1.0	1.7	.5								.0	7.1
SE	.0	1.3	1.4	.4								.1	6.4
SSE	.0	1.0	1.9	.5								.3	1.0
S	.1	2.3	.5	.5	1.1							.0	6.1
SSW	.0	.0	1.2	.4	.2	.1						.0	.4
SW	.0	1.2	1.2	1.0	.4	.1						4.0	9.1
WSW	1.0	.0	.0	.3	.1							.0	6.6
W	1.0	1.0	1.3	.6								4.0	6.3
WNW	.1	2.4	2.2	1.7	.3							.5	.2
NW	.0	1.0	3.2	3.3	.5	.1						.0	1.3
NNW	.4	.0	2.3	4.4	1.2	.5						.7	12.0
VARBL	.0	.1										.0	.3
CALM												.6	
	1.3	20.5	25.7	16.7	5.2	1.0						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 100

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20540
 AIRCRAFT SERVICE/1440

SURFACE WINDS

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

STATION: 1440 STATION NAME: 1440 YEARS: 1951-1952 MONTH: 10-20
 CLASS: ALL WEATHER
 CONDITION:
 HOURS (L.S.T.):

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.0	3.1	1.6	.6	.7						.8	1.6
NNE	.1	.0	.5	.8								2.3	.5
NE	.0	.0	1.3	.7								.2	.5
ENE	.0	.0	1.6	.5	.5							.2	1.1
E	.0	.6	.3	.2	.7							1.0	1.7
ESE	.0	.0	1.8	.2								1.0	7.0
SE	.2	1.2	2.2	1.7								.5	7.2
SSE	.0	1.5	1.7	.6								.0	.1
S	2.0	2.0	1.1	.8	.7	.7						.1	7.3
SSW	.0	1.3	.0	.9	.3	.1						.0	.7
SW	1.0	1.1	1.2	.9	.7							.5	7.0
WSW	.0	1.2	1.0	.3	.1							.3	6.5
W	.0	2.0	1.4	.3	.7							.0	.2
WNW	.0	1.3	1.3	2.2								.4	.2
NW	.0	1.0	2.6	3.2	.5							.4	1.9
NNW	.0	.0	2.7	3.2	1.1	.5						.5	12.0
VARBL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
CALM												3.3	
	13.0	19.1	24.2	16.9	4.5	1.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 100

AL CLIM TOLOGU BRANCH
 STATION NAME

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 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	.0	1.0	3.0	1.0	.0	.1						.0	1.0
NNE	.0	.0	.0	.7	.1							2.4	.0
NE	.0	.0	1.0	.3	.1	.0						2.0	7.0
ENE	.0	.0	1.2	.7	.3	.0						3.0	.0
E	.0	.0	.0	.7	.3							1.0	1.1
ESE	.0	1.0	1.3	.6	.0							.0	1.6
SE	.0	1.0	1.0	.0	.0							.0	7.0
SSE	1.0	2.4	2.2	.6	.0	.0						.6	.0
S	.0	2.2	1.1	1.0	.4	.0						.0	7.0
SSW	.0	1.1	1.0	1.0	.0	.1						4.0	.1
SW	.0	1.0	1.0	1.0	.4	.0	.0					.0	6.0
WSW	.0	1.1	1.2	.0	.1		.0					1.0	6.0
W	.2	1.0	1.6	.7	.1							.0	.0
WNW	.0	1.0	2.2	2.1	.7	.1						.0	11.1
NW	.0	1.0	2.2	3.3	.6	.1						.0	11.0
NNW	.0	.0	2.0	4.0	1.4	.0	.1					.0	12.0
VARBL	.0	.0	.1									.0	4.0
CALM	X											1.0	.0
	11.0	21.7	26.0	19.6	5.7	1.2	.1					1.0	7.7

TOTAL NUMBER OF OBSERVATIONS _____ 4

U.S. AIR FORCE
 CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

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

STATION 121 STATION NAME ALL PATAC YEARS 1968 MONTH 10-1200
 CLASS ALL PATAC
 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	1.0	2.0	1.0								.1	.4
NNE	.0	.0	1.0	.3	.0							.1	.7
NE		.0	.0	.1								.0	.1
ENE	.0	.1	.0	1.0								.0	1.0
E	.0	1.0	1.0	1.0								.1	.9
ESE	.0	1.0	1.0	1.0	.1							.1	4.0
SE	.0	2.0	2.0	.9	.0							.3	2.7
SSE	.0	.0	1.0	.0								.1	1.0
S	.0	1.0	2.0	1.0	.0	.0						.1	7.0
SSW	1.0	1.0	2.1	1.0	.0							.1	6.0
SW	.0	1.0	1.1	1.1								.1	6.0
WSW	1.0	1.0	1.0	.2								.0	1.0
W	.0	1.0	.7	.1								.0	4.0
WNW	.0	1.0	1.0	.6	.0							.0	.0
NW	.0	1.0	1.0	.7	.7	.1						.0	1.0
NNW	.1	.0	.0	1.0	.4	.1						.1	11.0
VARBL													
CALM												.5	
	.0	21.1	26.4	17.2	3.1	.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 100

U.S. DEPARTMENT OF COMMERCE
 NATIONAL SEA AND COAST GUARD

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 ALL DAY _____ 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		1.0	1.3	1.4								4.0	0.0
NNE		.0	.0	.6								.6	4.0
NE	.0	.0	.7	.2								1.9	5.1
ENE		.0	.1	.9								1.0	11.7
E	.3	1.0	1.0	1.2	.0							3.5	8.0
ESE	.1	.0	2.2	1.7	.1							4.0	8.1
SE	1.2	2.0	1.9	1.9	.1							8.0	7.7
SSE	.0	3.0	3.8	2.1	.2							11.0	7.3
S	.1	2.0	2.2	1.7	1.6							8.0	6.0
SSW	.2	1.2	.8	.9	.7							6.0	7.0
SW	.0	1.0	1.2	1.0	.4							3.6	7.0
WSW	.0	1.2	.0	.2								2.4	6.3
W	.7	2.0	.7									5.4	6.0
WNW	.0	.7	1.5	.9	.1							3.2	6.1
NW	.1	.0	.7	.9	.2	.7						2.6	11.0
NNW		.0	1.0	.7	1.0	.1						3.8	11.0
VARBL	.0											0.0	2.0
CALM												0.0	0.0
	14.0	22.3	22.3	15.2	4.7	.4						81.0	6.0

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL CLIMATOLOGY BRANCH
 AFSTAC
 AIR WEATHER SERVICE/4430

SURFACE WINDS

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

STATION WAGNER AFB STATION NAME WAGNER AFB YEARS 1950 MONTH 12
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-2359
 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	.0	0.2	.7	.6							4.0	7.0
NNE	.1	.0	.3	.3								1.0	.7
NE	.0	.0	.4	.3								.7	.3
ENE		.0	.7	.7	.1							1.0	1.1
E	.1	.7	1.4	1.3	.7							4.0	11.1
ESE	.1	.0	2.1	1.7	.1							4.0	7.0
SE	.1	2.3	7.0	1.0		.0						4.0	7.7
SSE	.1	4.0	4.4	2.9	.3							10.6	7.0
S	.1	2.9	1.7	1.8	.7	.7	.0					10.3	6.2
SSW	1.1	.0	1.0	.6	.9							4.3	6.2
SW	.0	1.0	1.1	.9	.4							4.0	7.9
WSW	1.1	1.0	1.2	.2	.1							4.0	5.7
W	.0	1.0	.9	.2								4.0	4.0
WNW	.0	.9	.6	.9	.1							3.0	6.2
NW	.0	.6	.9	1.6	.8	.7						5.0	11.7
NNW	.0	.6	1.3	.9	.3							3.0	6.3
VARBL	.1	.1		.1								.0	1.4
CALM												.2	
	.2	21.7	23.1	16.0	5.1	.6	.1					40.0	6.7

TOTAL NUMBER OF OBSERVATIONS 100



SURFACE WINDS

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

STATION: 21. A 4 STATION NAME: ALL STATE YEARS: 50 MONTH: 3-11
 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	.	1.1	3.1	.	.7	.1						.	.
NNE	.	.5	1.1									1.1	6.0
NE	.	.3	.7	.4								1.3	6.7
ENE	.7	.	1.1	1.7		.						3.3	6.7
E	.	1.0	1.2	1.7	.7	.4						.1	10.0
ESE		1.0	2.3	1.1	.3							.	4.3
SE	1.1	1.0	3.4	1.2	.1							.8	7.0
SSE	.2	4.4	5.1	4.1	.6	.1						.6	11.0
S	1.2	1.0	2.1	3.1	.6							.7	9.0
SSW	1.0	1.0	.9	1.7	.4							.	6.0
SW	.	2.2	2.4	1.1	.7	.1						.	4.4
WSW	.	.1	2.0	.7	.1							.1	6.7
W	.	.5	1.1	.4	.1							.	5.4
WNW	.	.	.6	.7	.1							.1	3.7
NW	.	1.3	1.7	1.2	.7	.1						.5	9.0
NNW	.	.7	2.0	1.6	.3	.3						.	7.9
VARBL	.7	.7	.2									.	.
CALM												.	.
	1.0	21.6	30.8	21.0	4.9	1.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2100

FEDERAL BUREAU OF SURVEILLANCE
 U.S. DEPARTMENT OF JUSTICE
 AIR FORCE SERVICE CENTER

SURFACE WINDS

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

STATION 10000 A - A STATION NAME 10-20 YEARS 1940-1940 MONTH 10-14-40
 CLASS ALL WEATHER
 HOURS (L.S.T.) 10-14-40
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.4	1.3	.2	.1						.0	.4
NNE	.0	.3	.0									.0	.1
NE	.0	1.1	.7	.1								.1	.4
ENE	.0	1.2	1.2	.9	.2							.0	.6
E	.0	1.0	2.6	1.7	.5	.2						.7	1.0
ESE	.0	1.1	1.3	.0								4.6	.0
SE	.0	1.1	3.0	1.8	.3							.7	1.9
SSE	.0	3.3	7.2	.9	.3							.1	9.5
S	.0	2.1	3.6	2.8	.7	.4						1.2	1.7
SSW	.0	1.2	1.3	2.4	.6							.0	1.3
SW	.0	1.1	2.4	1.1	.6	.1						.4	1.3
WSW	.1	.0	1.1	1.2	.1							4.0	.3
W	.2	.0	1.2	.4								2.0	7.7
WNW	.0	1.0	2.1	.9	.1	.2						4.0	5.0
NW	.2	1.1	2.3	2.1	.6	.2						1.4	1.0
NNW	.0	.7	2.4	2.4	.7	.1						6.0	1.9
VARBL	.0	.3	.4	.2								1.3	.1
CALM												.0	
	.3	19.1	37.9	26.3	4.9	1.4						1.0	.3

TOTAL NUMBER OF OBSERVATIONS 100

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 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	.0	.0	2.0	1.8	.3		.0					.4	4.0
NNE	.0	.4	.4	.4	.1							.9	9.1
NE	.0	.0	.7	.3								.0	7.0
ENE	.0	1.0	.7	1.0	.4							.7	9.0
E	.0	1.3	2.6	1.7	.6							.7	9.7
ESE	.0	1.0	1.4	1.6								.0	5.0
SE	.0	2.9	3.3	1.7								.4	6.1
SSE	1.0	3.4	7.8	2.6								1.1	8.1
S	.0	.1	2.7	2.6	.6	.1						.0	6.9
SSW	.0	1.0	1.2	1.1	.7	.3						.1	13.4
SW	.0	2.0	1.7	1.3	.2							.0	7.0
WSW	.0	1.2	1.8	.9								.0	6.2
W	.3	.0	.9	.6	.2							.0	6.0
WNW	.0	.7	2.3	.6								.4	7.7
NW	.0	1.0	2.4	1.7	.9	.1						.0	1.0
NNW	.0	.7	2.3	2.2	1.1							.7	11.3
VARBL	.0	.2	.0	.1	.1							.0	5.0
CALM												.0	
	0.1	24.1	34.9	22.2	5.1	.6	.1					6.0	6.6

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

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

STATION LA JOLLA AFB STATION NAME LA JOLLA AFB YEARS 1951-52 MONTH 1-12
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359
 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	.4	.	1.4	1.8	.2							4.0	7.7
NNE		.	.4	1.2	.1							.1	11.0
NE	.7	.	.8	.4								.1	.7
ENE	.	.	.8	.2	.							.0	8.6
E	.	.4	1.2	1.7	.7							4.0	10.3
ESE	.7	1.4	1.0	1.1								.0	9.1
SE	.	2.7	3.7	.9	.1							7.0	7.6
SSE	.1	3.1	6.4	1.9								13.0	7.0
S	.1	3.4	2.8	1.1	.1	.1						11.3	7.8
SSW	1.0	1.2	1.4	.8	.9	.2						.0	9.1
SW	.0	2.4	1.0	.4	.2							.0	6.7
WSW	.	.	.6	.7	.1							.0	.7
W	1.2	1.0	.4	.4	.3							4.0	.7
WNW	.	.	1.7	.6	.1							.0	.7
NW	.	.6	1.0	1.7	.6	.2						.3	11.4
NNW	.	.2	1.3	1.6	.7	.1						.0	11.0
VARBL	.	.1	.2									.0	.0
CALM												1.6	
	1.2	21.2	24.0	16.8	4.6	.7						10.0	7.1

TOTAL NUMBER OF OBSERVATIONS 100

FEDERAL BUREAU OF SURVEILLANCE
 NATIONAL CLIMATOLOGICAL SERVICE
 METEOROLOGICAL SERVICE

SURFACE WINDS

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

STATION: _____ STATION NAME: _____ YEAR: _____ MONTH: _____
 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	.	2.	1.2								4.	.7
NNE	.	.3	.	.7								.	.3
NE	.	.3	.6	.4								1.	.
ENE	.	.4	1.1	.7								.3	.7
E	.	1.1	1.7	1.3	.7							4.	.7
ESE	.7	.	2.0	1.8	.7							.	.5
SE	.	1.4	1.2	1.1	.1							.	.7
SSE	.2	3.	5.4	2.7	.7							11.	.1
S	.4	3.1	2.9	.6	.7	.7	.					11.	.7
SSW	1.	2.	.9	1.6	.2	.1	.					.1	7.
SW	1.4	1.	1.8	.9								.	.1
WSW	.2	1.	1.3	.3								.	.7
W	.2	1.4	.6	.7	.1							.	.7
WNW	.	1.3	1.2	.3	.1	.1						.3	.7
NW	.2	.	1.7	.7	.6	.7						.	1.
NNW	.	.7	1.4	.9	.8	.1						.	11.
VARB				.1								.	11.
CALM												1.	
	14.	21.4	22.7	16.3	3.3	.8	.1					41.	6.

TOTAL NUMBER OF OBSERVATIONS: _____

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 21 001 A STATION NAME: 71-30 YEARS: _____ MONTH: _____
 CLASS: ALL WEATHER HOURS (L.S.T.): _____
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 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	1.1	2.1	1.2	.7	.0	.0					.0	.7
NNE	.0	.7	.7	.4	.1							.0	.4
NE	.0	.5	.5	.3								.0	.7
ENE	.0	.0	.8	.2	.7	.7						.0	9.6
E	.0	1.0	1.0	1.5	.7	.1						.0	.5
ESE	.0	1.1	1.7	1.6	.1							.0	.1
SE		2.2	3.2	1.4	.1	.7						.0	7.0
SSE	.1	3.7	5.5	.1	.3	.7						.4	7.0
S	.1	2.4	2.6	1.9	.7	.2	.0					.0	.4
SSW	1.0	1.4	1.2	1.2	.7	.1						.0	6.9
SW	.0	1.0	1.7	1.0	.3	.0						.0	7.0
WSW	.0	1.0	1.4	.6	.1							.0	7.0
W	1.0	1.2	.5	.4	.1							.0	.9
WNW	.0	.9	1.7	.7	.1	.0						.0	.2
NW	.0	.0	1.4	1.3	.6	.2						.0	1.0
NNW	.0	.5	1.6	1.5	.6	.1						.0	1.9
VARBL	.0	.1	.1	.1	.7							.0	6.2
CALM												1.3	
	1.7	21.4	27.0	17.0	4.4	.8	.0					10.0	7.0

TOTAL NUMBER OF OBSERVATIONS: _____

AR CLIMATOLOGY BRANCH
 TAC
 DATA SERVICE TAG

SURFACE WINDS

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

STATION 142 STATION NAME AGRIANA A YEARS 11-50 MONTH 01
 CLASS ALL DATA MONTH 001-020
 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	.4	1.4	.0	.4	.4						.7	12.1
NNE		.0	.0	.0								.2	1.0
NE	.0	.0	1.1	.6								.3	1.1
ENE		.0	1.1	1.3	.3							.3	1.7
E	.0	.5	1.9	1.4	.5							.4	1.6
ESE	.0	.0	1.1	1.5	1.3	.3	.0					.6	1.5
SE	.0	.0	1.6	1.2	.0	.0						.1	1.7
SSE	1.0	2.0	1.7	1.4	.0							.2	7.7
S	1.0	1.0	2.2	1.2	.4	.1						.0	7.0
SSW	.0	1.0	2.0	.8	.5	.0						.0	8.9
SW	.0	2.5	2.6	1.8	.9	.0	.1					.0	7.7
WSW	1.1	1.0	1.5	1.1	.3	.1						.0	7.0
W	.0	1.9	1.5	1.1	.4	.0						.0	7.1
WNW	.0	1.5	1.4	1.1	.1							.3	1.1
NW		.0	2.0	1.8	.6	.6	.2					.6	1.1
NNW	.1	.0	1.2	1.5	.5	.9	.0	.1				.1	14.5
VARBL		.0	.2									.3	1.7
CALM												1.4	
	.9	19.7	25.1	14.1	7.7	3.2	.6	.1				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 CLIMATE SERVICE
 METEOROLOGICAL SERVICE/ZNAC

SURFACE WINDS

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

STATION 121 STATION NAME USAF AFB YEARS 1951-52 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.0	1.2	.9	.3	.2						.0	11.0
NNE	.0	.4	.5	.7								.0	.3
NE	.0	.0	1.3	.8								.3	.9
ENE	.0	.2	.5	1.2	.2							.3	11.0
E	.0	1.6	1.1	1.9	.4							.4	11.0
ESE	.0	.0	1.0	1.5	1.7	.4	.1					.4	11.1
SE	.0	.4	1.7	1.6	.4	.1						.4	11.0
SSE	1.0	1.6	2.4	1.6	.7							.4	.0
S	.0	1.0	1.6	1.0	.7							.0	11.3
SSW	.0	1.3	1.4	1.1	.5	.2						.0	.6
SW	.0	1.6	3.3	1.9	.9	.2						1.0	.4
WSW	.0	1.0	2.2	1.6	.5	.2						.0	4.0
W	1.0	2.2	1.8	1.5	.5	.2						.0	.0
WNW	.0	1.2	2.5	.6	.1	.1						.3	7.0
NW	.0	.0	2.0	1.4	.5	.4	.1					.0	12.0
NNW	.0	.1	1.2	1.4	.5	.5	.1	.2				.7	15.3
VARBL	.0											.0	2.0
CALM												.2	
	.4	16.3	25.1	21.2	8.0	3.3	.3	.7				100.0	.7

TOTAL NUMBER OF OBSERVATIONS _____

AF CLIMATOLOGY BRANCH
 AFM
 AIR FORCE WEATHER SERVICE HQ

SURFACE WINDS

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

STATION 1001 MONTH NOV YEAR 1951
 STATION NAME WORLD AFB CLASS ALL WEATHER MONTH NOV
 CONDITION _____ HOURS (L.S.T.) 24

SPEED (KNTS) DIR.	1 - 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	.0	1.0	1.4	.4	.7						.0	10.2
NNE		.0	.0	1.2	.1							.0	11.9
NE		.0	1.1	.4								.0	11.1
ENE		.0	1.0	1.0	.0							.0	10.0
E	.0	.0	1.4	1.9	.2	.4						.0	11.1
ESE		.0	.0	1.7	1.7	.6						.0	11.1
SE	.3	.0	1.2	2.2	1.0	.1						.0	11.0
SSE	.0	1.3	2.7	1.2	.2							.0	11.0
S	1.2	1.0	2.5	.6	.6	.0						.0	10.7
SSW	1.2	.0	1.2	.1	.1	.1						.0	10.7
SW	1.0	1.7	1.7	1.3	.0	.4	.1					.0	10.4
WSW	1.0	1.5	2.2	1.7	.6	.4						.0	9.9
W	1.0	3.2	1.9	2.0	.0	.3						.0	9.9
WNW	.0	1.3	2.2	1.1								.0	9.1
NW		.0	1.8	1.1	.6	.3	.1					.0	12.0
NNW		.0	1.2	2.0	.6	.5	.3					.0	11.1
VARBL	.0	.4										.0	10.0
CALM												.0	10.0
	.9	1.0	23.5	21.0	6.2	3.4	.5					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 AIR FORCE CLIMATOLOGY BRANCH
 AFMTC
 AIR FORCE TEST CENTER SERVICE/MAC

SURFACE WINDS

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

STATION: LAJF, AFB, AL STATION NAME: LAJF, AFB, AL YEARS: 71-80 MONTH: 07
 CLASS: ALL DATA HOURS (L.S.T.): 07-1100
 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	.0	.0	1.3	2.7	.7	.0						4.0	11.0
NNE	.1	.0	.9	.5								.2	.2
NE		.0	1.3	.5								.2	.6
ENE		.0	1.2	.4	.2	.1						.0	1.0
E	.0	1.0	1.5	2.5	.4	.5						.0	12.3
ESE	.0	.3	1.4	1.5	1.5	.7						.0	1.0
SE	.0	.0	.0	2.2	1.3	.2						.0	11.0
SSE	.0	1.0	3.2	1.6	.2							.1	1.0
S	1.7	1.0	3.2	.9	.2	.2						.6	7.0
SSW	.0	1.0	1.8	1.1	.1							.0	6.0
SW	.0	2.0	1.2	1.5	.5	.1						.0	4.0
WSW	.0	1.2	1.7	1.0	1.0	.1						.0	1.0
W	.2	1.6	2.4	2.3	.1	.4						.6	1.0
WNW	.1	1.0	1.7	1.4	.2	.3	.7					.7	1.0
NW	.4	1.0	1.5	2.2	.4	.3						6.0	1.0
NNW		.0	1.4	1.6	1.1	.5	.4					.2	15.0
VARBL	.0		.1									.0	3.0
CALM												1.0	
	.1	1.3	26.7	23.7	7.6	3.5	.8					1.0	.1

TOTAL NUMBER OF OBSERVATIONS: 100

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 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	.0	1.2	1.0	1.0	.0	.1						.0	1.0
NNE	.0	.4	1.0	.2								.0	.0
NE	.7	.0	1.4	.6								.0	.0
ENE	.0	.0	1.5	.5	.7							.0	.0
E	.0	1.3	1.7	2.5	.4	.4						.0	11.0
ESE	.0	.0	1.2	1.0	.7	.7						.0	1.0
SE	.0	.0	2.2	2.0	1.0	.1						.7	11.0
SSE	.0	2.0	2.3	3.0	.2							.0	.0
S	.0	2.3	4.0	.6	.7							.4	.0
SSW	.0	1.0	2.2	1.6	.5							.0	.0
SW	.0	1.7	3.2	1.4	.4							.0	1.0
WSW	.0	1.2	1.0	1.6	.9							.0	1.0
W	.0	1.1	3.3	1.0	.5	.1						7.0	1.1
WNW	.0	1.1	2.7	1.7	.7	.4	.7					.0	11.0
NW	.0	1.3	4.0	2.0	.8	.5						.9	1.0
NNW	.0	.0	.6	3.3	1.2	.1	.2					.0	1.4
VARBL	.0	.1	.1									.0	.3
CALM	X											.0	
	.0	14.9	34.6	27.0	5.3	2.4	.5					100.0	1.1

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIRCRAFT SERVICE DIVISION

SURFACE WINDS

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

STATION: 1 CAUSE: A A STATION NAME: ALL FATHS YEARS: 1951 MONTH: ALL
 CLASS: ALL HOURS (L.S.T.): ALL
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNE	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	1.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	1.0	3.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VARBL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	X	X	X	X	X	X	X	X	X	X	X	1.0	
	1.0	2.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 7555

AL CLIMATOLOGY AREA OF
 USFAC
 AIR WEATHER SERVICE UNIT

SURFACE WINDS

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

STATION DLJ A 47 STATION NAME DLJ A 47 YEARS 1981 MONTH 12

INSTRUMENT 01G 100 FT 1400 FT 1/2 VS 1/2 MI 0 M020 CLASS 01G 100 FT 00 M00

CONDITION AN 1/2 VS 1/2 T. L-1/2 MI 1/01G 100 FT 00 M00

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.0	1.1	2.2	.7	.7	.					.6	.
NNE	.	1.2	.9	.5	.1	.7						.1	.
NE	.	1.4	1.1	.6	.1							.6	.
ENE	.3	.	1.3	1.3	.1							.1	.7
E	.	1.7	2.7	2.4	1.2	.7						.6	12.0
ESE	.2	.	2.3	1.7	.8	.4	.7					.6	12.0
SE	.1	1.3	2.4	2.6	.7	.7						.7	10.7
SSE	.	2.0	4.1	3.6	.7	.7	.7					2.3	.9
S	.	1.3	2.4	2.1	1.3	.4	.7					.7	11.7
SSW	.1	.	1.2	2.1	1.5	.7	.1					.7	10.9
SW	.	.4	1.2	1.2	.7	.8	.1					.4	14.3
WSW	.	.1	.6	.6	.5	.1	.					.	13.5
W	.	.2	.2	.3	.2							.1	.5
WNW	.	.5	.9	1.4	.1	.1	.1					.4	1.5
NW	.	1.7	2.3	2.9	.5	.1		.1				.	10.2
NNW	.7	1.1	3.3	3.2	1.7	.3	.1	.1				.9	11.3
VARBL	.	.1	.1									.	1.7
CALM													
	.5	16.0	37.7	26.9	17.2	7.9	.6	.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 171

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		

TOTAL NUMBER OF OBSERVATIONS _____

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	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100					95.4											
0						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.

CENTRAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

1 201

LAFUS AF AC

72-81

04

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-01-01
 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		33.4	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥2000		36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥1800		36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥1600		36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥1400		36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥1200		36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥1000		37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥900		37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥800		38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥700		38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥600		38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥500		39.1	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥450		39.4	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥400		49.5	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥350		84.8	85.2	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
≥300		91.5	92.3	92.6	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥250		91.9	92.8	93.0	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥200		92.1	93.0	93.2	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥180		92.3	93.2	93.4	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥150		94.8	96.4	96.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥120		96.0	97.4	98.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥100		96.0	97.4	98.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥90		96.0	97.8	98.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥80		96.2	98.1	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥70		96.2	98.1	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥60		96.2	98.1	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥50		96.2	98.1	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥40		96.2	98.1	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥30		96.2	98.1	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥20		96.2	98.1	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥10		96.2	98.1	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥0		96.2	98.1	98.4	99.6	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 92

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1720
 STATION

LAJES AB A7
 STATION NAME

72-81
 YEARS

JA
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1972-1977
 HOURS (L.S.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 ≥ 2000		29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.4	29.4
≥ 1800 ≥ 1700		32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4
≥ 1400 ≥ 1200		32.7	32.8	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8
≥ 1000 ≥ 900		33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.8	33.8
≥ 800 ≥ 700		35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.8	35.8
≥ 600 ≥ 500		36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2
≥ 450 ≥ 400		36.7	36.7	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1
≥ 3500		49.2	47.2	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	47.5	49.5	49.5	47.5	49.6
≥ 3000		81.9	82.5	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500 ≥ 2000		89.9	90.7	91.4	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 1800 ≥ 1500		90.5	91.2	91.8	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 1200 ≥ 1000		90.5	91.5	92.1	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900 ≥ 800		93.9	95.7	96.6	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 700 ≥ 600		94.8	96.7	97.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 500 ≥ 400		94.9	96.8	97.7	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
≥ 300 ≥ 200		95.1	96.9	97.8	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 100 ≥ 0		95.2	97.0	98.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
		95.2	97.1	98.1	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
		95.2	97.1	98.1	99.2	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
		95.2	97.1	98.1	99.4	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		95.3	97.1	98.1	99.4	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		95.3	97.1	98.1	99.4	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 600

FEDERAL CLIMATOLOGY BRANCH
 AF ETAC
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

1 7 1
 STATION

LAGOS AB AF
 STATION NAME

72-61
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 27 40
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING		27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 2000	70.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 1800	70.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 1600	70.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 1400	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 1200	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 1000	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 900	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 800	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 700	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 600	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 500	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 450	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 400	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	48.3	48.3
≥ 350	81.8	82.6	83.1	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 300	90.4	91.5	92.0	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 250	91.4	91.5	92.0	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 200	91.3	92.5	93.0	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 180	91.4	92.4	93.1	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 150	94.2	95.7	96.3	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 120	94.7	96.2	97.1	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	94.9	96.5	97.4	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 90	95.1	96.6	97.5	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 80	95.2	96.7	97.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 70	95.2	96.7	97.6	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 60	95.2	96.7	97.6	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	95.2	96.7	97.6	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	95.2	96.7	97.6	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	95.2	96.7	97.6	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	95.2	96.7	97.6	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	95.2	96.7	97.6	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ U	95.2	96.7	97.6	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7

CEILING VERSUS VISIBILITY

1 7 1
 STATION

LAJES A A7
 STATION NAME

7-81
 YEARS

JA
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-110
 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	≥ 1/16	≥ 0
≥ 2000	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 1800	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 1600	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 1400	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 1200	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 1000	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 800	34.7	34.9	34.9	35.2	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 600	35.2	35.4	35.4	35.6	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 500	35.2	35.4	35.4	35.6	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 450	35.2	35.4	35.4	35.6	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 400	41.5	41.7	41.7	41.9	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 350	43.4	44.1	44.1	44.3	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 300	47.4	48.0	48.0	48.2	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 250	82.6	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 200	91.1	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 180	91.1	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 150	93.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 120	94.7	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 100	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 90	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 80	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 70	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 60	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 50	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 40	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 30	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 20	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 10	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 0	94.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

1 0 1
 STATION

LAJES A 02
 STATION NAME

72-81
 YEARS

11
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 0-1400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥ 1 1/2	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/4	≥ 1/8
NO CEILING	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 2000	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 1800	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 1600	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 1400	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 1200	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 1000	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 900	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 800	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 700	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 600	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 500	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 450	40.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 400	52.0	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 350	84.3	85.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 300	90.1	91.1	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 250	90.5	91.4	91.6	91.9	91.9	91.9	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 200	91.3	92.2	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 180	91.8	92.9	93.1	93.5	93.7	93.7	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 150	95.1	95.1	96.3	97.0	97.2	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 120	96.3	97.4	97.7	98.6	98.8	98.8	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	96.3	97.4	97.8	98.9	99.1	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 90	96.3	97.4	97.8	98.9	99.1	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 80	96.3	97.4	97.8	98.9	99.1	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 70	96.3	97.4	97.8	98.9	99.1	99.1	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 60	96.3	97.4	97.8	98.9	99.1	99.1	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50	96.3	97.4	97.8	98.9	99.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	96.3	97.4	97.8	98.9	99.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	96.3	97.4	97.8	98.9	99.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	96.3	97.4	97.8	98.9	99.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	96.3	97.4	97.8	98.9	99.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	97.4	97.8	98.9	99.1	99.1	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 27

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

CEILING VERSUS VISIBILITY

1721
 STATION

LAJES AB AT

STATION NAME

72-81

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 10-170

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	≥ 1/16	≥ 0
NO CEILING ≥ 2000		23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 1800 ≥ 1500		31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 1400 ≥ 1200		31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 1000 ≥ 900		33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 800 ≥ 700		37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 600 ≥ 500		37.8	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 450 ≥ 400		38.0	38.3	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 350 ≥ 300		43.6	44.3	44.4	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 250 ≥ 200		89.2	90.4	90.6	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 180 ≥ 150		91.1	91.1	91.3	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 120 ≥ 100		95.0	96.7	97.2	98.6	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 90 ≥ 80		95.2	96.8	97.4	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 70 ≥ 60		95.2	96.8	97.4	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 50 ≥ 40		95.2	96.8	97.4	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 30 ≥ 20		95.2	96.8	97.4	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 10 U		95.2	96.8	97.4	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

FEDERAL AVIATION ADMINISTRATION
 CENTRAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20515
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

1721
 STATION

LAJES AFB
 STATION NAME

72-81
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-1800
 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 ≥ 20000		27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 18000		33.3	33.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 16000		34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 14000		34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 12000		34.4	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 10000		34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 9000		34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 8000		39.7	39.7	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 7000		40.1	40.2	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 6000		40.1	40.2	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 5000		40.1	40.2	40.4	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 4500		40.1	40.2	40.4	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 4000		52.9	52.3	52.5	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 3500		81.0	81.3	82.2	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000		88.3	89.2	89.5	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500		89.2	90.3	90.5	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000		89.9	90.9	91.3	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800		90.4	91.5	91.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500		93.2	94.6	95.4	96.8	97.0	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200		94.7	95.7	96.6	98.3	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1000		94.2	95.9	96.9	98.8	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900		94.2	95.9	96.9	98.8	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800		94.2	95.9	96.9	98.8	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700		94.2	95.9	97.0	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600		94.2	95.9	97.0	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500		94.2	95.9	97.0	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400		94.2	95.9	97.0	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300		94.2	95.9	97.0	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		94.2	95.9	97.0	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		94.2	95.9	97.0	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		94.2	95.9	97.0	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GENERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1721

LAJFS AM AN

72-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	0	
NO CEILING ≥ 20000		32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
IN 18000 IN 16000		35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
IN 14000 IN 12000		36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IN 10000 IN 9000		37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IN 8000 IN 7000		39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IN 6000 IN 5000		39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
IN 4500 IN 4000		39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IN 3500 IN 3000		49.9	50.1	50.2	50.8	51.3	51.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IN 2500 IN 2000		85.5	85.8	86.1	86.7	87.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IN 1800 IN 1500		93.2	93.5	93.9	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IN 1200 IN 1000		93.5	93.9	94.2	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 900 IN 800		95.9	96.4	96.8	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 700 IN 600		96.4	97.0	97.4	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 500 IN 400		96.8	97.3	97.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 300 IN 200		96.8	97.3	97.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 100 0		96.9	97.4	97.8	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		96.9	97.4	97.8	99.1	99.5	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 927

CEILING VERSUS VISIBILITY

1721

LAJES AIR AZ

72-81

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.V.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0	
NO CEILING																	
≥ 2000		26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 1800		32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 1600		32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 1400		32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 1200		32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 1000		33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 900		33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 800		37.4	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 700		37.7	37.8	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 600		37.7	37.8	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 500		37.8	37.9	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 450		38.1	38.2	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 400		50.3	50.5	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 350		83.3	83.9	84.2	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 300		90.1	91.0	91.3	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 250		91.6	91.4	91.7	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 200		91.1	92.1	92.4	93.1	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800		91.4	92.3	92.7	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500		94.2	95.5	96.0	97.1	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200		95.3	96.7	97.3	98.6	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		95.4	96.8	97.5	98.9	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900		95.4	96.9	97.5	99.0	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		95.5	96.9	97.6	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		95.5	96.9	97.6	99.1	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		95.5	96.9	97.6	99.1	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		95.5	96.9	97.6	99.1	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		95.5	96.9	97.6	99.1	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		95.5	96.9	97.6	99.1	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		95.5	96.9	97.6	99.1	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.5	96.9	97.6	99.1	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.5	96.9	97.6	99.1	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7431

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

CEILING VERSUS VISIBILITY

1701
 STATION

LAJES AB AZ

STATION NAME

72-81

YEARS

55

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1950-1954
 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 ≥ 20000	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 18000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 16000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 14000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 12000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 10000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 9500	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 8000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 7000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 6000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 5000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 4500	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 4000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 3500	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	81.6
IV 3000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 2500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1200	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 900	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	96.2
IV 800	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	96.2
IV 700	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	96.7
IV 600	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	96.2
IV 500	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	96.2
IV 400	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	96.2
IV 300	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	96.2
IV 200	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	96.2
IV 100	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	96.2
IV 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	96.2

TOTAL NUMBER OF OBSERVATIONS

442

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AFB

72-81

FEB

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-0500
 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																
≥ 20000		25.3	25.8	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 18000		26.8	26.8	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 16000		26.8	26.8	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 14000		26.8	26.8	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 12000		26.8	26.8	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 10000		26.8	26.8	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 9500		26.8	26.8	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 8000		27.6	27.7	27.9	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 7500		28.3	28.5	28.6	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 6000		28.3	28.5	28.6	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 5000		28.3	28.5	28.6	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 4500		28.7	28.8	28.9	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 4000		40.1	40.3	40.5	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3500		74.3	75.4	76.4	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000		86.2	87.8	89.0	90.0	90.1	90.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500		97.1	98.9	90.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000		98.1	90.0	91.1	92.6	92.7	92.9	92.8	92.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800		98.2	90.2	91.4	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500		90.0	92.4	93.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200		97.3	94.8	96.1	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		92.4	94.9	96.2	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		92.4	94.9	96.2	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800		92.4	94.9	96.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		92.4	94.9	96.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		92.4	94.9	96.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		92.4	94.9	96.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.4	94.9	96.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.4	94.9	96.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.4	94.9	96.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.4	94.9	96.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.4	94.9	96.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 47

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1

LAJES AF 42

72-81

FE

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING		25.2	25.7	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥2000		29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥1800		29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥1600		29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥1400		29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥1200		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥1000		30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥900		30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥800		32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥700		33.4	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥600		33.4	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥500		33.4	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥450		33.4	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥400		43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥350		75.9	76.6	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥300		77.0	88.4	89.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥250		87.4	88.8	89.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥200		87.8	89.4	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥180		88.3	90.0	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥150		91.1	92.9	94.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥120		93.2	95.2	96.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥100		93.3	95.3	96.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥90		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥80		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥70		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥60		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥50		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥40		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥30		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥200		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥100		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥0		93.3	95.3	96.5	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 47

METEOROLOGICAL CLIMATOLOGY BRANCH
 WHEELING
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 1721

STATION NAME
 LAJES AP AT

YEARS
 72-81

MONTH
 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
 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	≥ 0
NO CEILING ≥ 20000		19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 18000 ≥ 6700		30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 14000 ≥ 12000		30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 10000 ≥ 9000		30.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 8000 ≥ 7000		37.7	37.8	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 6000 ≥ 5000		37.9	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 4500 ≥ 4000		38.8	39.0	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 3500 ≥ 3000		44.4	44.6	44.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 2500 ≥ 2000		74.1	74.7	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1800 ≥ 1500		83.3	84.5	85.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200 ≥ 1000		84.2	85.4	86.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900 ≥ 800		84.7	85.9	86.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700 ≥ 600		84.9	86.1	86.9	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 500 ≥ 400		89.4	91.5	92.6	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300 ≥ 200		91.8	93.4	94.5	97.2	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100 U		91.3	94.1	95.2	98.5	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
		91.4	94.2	95.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		91.4	94.2	95.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		91.4	94.2	95.4	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		91.4	94.2	95.4	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		91.4	94.2	95.4	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		91.4	94.2	95.4	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		91.4	94.2	95.4	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 349

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

121

LAJES AB AZ

72-81

FE

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 2000	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 1800	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 1600	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 1400	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 1200	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 1000	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 900	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 800	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 700	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 600	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 500	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 450	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 400	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 3500	79.0	79.0	79.0	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
≥ 3000	86.0	87.1	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	85.7	88.2	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	87.2	89.7	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	87.3	88.8	89.5	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
≥ 1500	91.9	94.1	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
≥ 1200	92.2	94.6	95.9	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
≥ 1000	92.5	94.8	96.2	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
≥ 900	92.5	94.8	96.2	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
≥ 800	92.5	94.8	96.2	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
≥ 700	92.5	94.8	96.2	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
≥ 600	92.5	94.8	96.2	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
≥ 500	92.5	94.8	96.2	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
≥ 400	92.5	94.8	96.2	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
≥ 300	92.5	94.8	96.2	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
≥ 200	92.5	94.8	96.2	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
≥ 100	92.5	94.8	96.2	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
≥ 0	92.5	94.8	96.2	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

TOTAL NUMBER OF OBSERVATIONS

45

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

CEILING VERSUS VISIBILITY

121
 STATION

LAJES AM AZ
 STATION NAME

72-81
 YEARS

FEB
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1960-1970
 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																
≥ 2000	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 1800	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 1600	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 1400	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 1200	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 1000	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 900	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 800	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 700	37.7	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 600	37.7	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 500	37.7	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 450	38.8	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 400	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 350	80.0	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
≥ 300	87.8	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
≥ 250	88.6	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 200	89.6	90.3	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	89.6	90.3	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	91.6	92.9	93.6	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	92.6	94.6	95.4	97.1	97.1	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 1000	92.6	94.6	95.8	97.6	97.6	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.9	99.1	99.1	99.1
≥ 900	92.6	94.6	95.8	97.6	97.6	98.2	98.5	98.6	98.7	98.8	98.8	98.9	99.1	99.1	99.2	99.2
≥ 800	92.6	95.1	95.9	97.8	97.9	98.5	98.8	98.9	99.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4
≥ 700	92.9	95.2	96.0	97.9	98.0	98.6	98.9	99.1	99.2	99.2	99.2	99.3	99.4	99.5	99.5	99.5
≥ 600	92.9	95.2	96.0	97.9	98.0	98.6	98.9	99.1	99.2	99.2	99.2	99.3	99.4	99.5	99.5	99.5
≥ 500	92.9	95.2	96.0	97.9	98.0	98.6	98.9	99.1	99.2	99.2	99.2	99.3	99.4	99.5	99.5	99.5
≥ 400	92.9	95.2	96.0	97.9	98.0	98.6	98.9	99.1	99.2	99.2	99.2	99.3	99.4	99.5	99.5	99.5
≥ 300	92.9	95.2	96.0	97.9	98.0	98.6	98.9	99.1	99.2	99.2	99.2	99.3	99.4	99.5	99.5	99.5
≥ 200	92.9	95.2	96.0	97.9	98.1	98.8	99.2	99.3	99.4	99.4	99.4	99.5	99.8	99.9	100.0	100.0
≥ 100	92.9	95.2	96.0	97.9	98.1	98.8	99.2	99.3	99.4	99.4	99.4	99.5	99.8	99.9	100.0	100.0
≥ 0	92.9	95.2	96.0	97.9	98.1	98.8	99.2	99.3	99.4	99.4	99.4	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 249

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

CEILING VERSUS VISIBILITY

121
 STATION

LAJES AFB
 STATION NAME

72-81
 YEARS

FEB
 MONTH
 1970-1971
 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0	≥0
NO CEILING																
≥ 2500	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 1800	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 1500	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 1400	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 1200	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 1000	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 900	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 800	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 700	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 600	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 500	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 450	37.7	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 400	48.2	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	48.3
≥ 350	79.0	79.5	80.3	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
≥ 300	89.1	89.5	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 250	88.1	89.5	90.1	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 200	88.7	89.5	90.6	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
≥ 180	88.7	89.6	90.7	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
≥ 150	91.2	92.5	93.5	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 120	92.5	93.5	95.4	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	93.2	94.5	96.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 349

FEDERAL CLIMATOLOGY BRANCH
 U.S. ETAC
 AIR WEATHER SERVICE/AMC

CEILING VERSUS VISIBILITY

STATION 1 LAUREL AFB TX STATION NAME 72-81 YEARS MONTH 1-1-22
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000		22.5	25.5	28.5	28.5	24.5	24.5	26.5	25.5	21.5	20.5	25.5	20.5	21.5	24.5	26.5
≥ 18000 ≥ 17000		32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 14000 ≥ 12000		32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 10000 ≥ 9000		32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 8000 ≥ 7000		34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 6000 ≥ 5000		35.1	35.1	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 4500 ≥ 4000		35.4	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 3500 ≥ 3000		35.7	35.7	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 2500 ≥ 2000		43.3	43.3	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 1800 ≥ 1500		78.2	78.7	79.5	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200 ≥ 1000		87.3	90.3	91.6	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900 ≥ 800		90.7	91.1	92.4	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700 ≥ 600		90.5	91.6	93.0	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500 ≥ 400		93.8	94.6	96.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300 ≥ 200		93.1	94.6	96.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100 ≥ 0		94.7	95.1	96.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
		94.7	96.2	98.0	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		94.7	96.2	98.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		94.7	96.2	98.0	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		94.7	96.2	98.0	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		94.7	96.2	98.0	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		94.7	96.2	98.0	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		94.7	96.2	98.0	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		94.7	96.2	98.0	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		94.7	96.2	98.0	99.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 54

FEDERAL CLIMATOLOGY BRANCH
 WAFB ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1701

LAJES AFB

71-80

1A

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1980-1980
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥ 2000		34.7	36.7	36.7	37.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.9	36.9	36.9	36.9
≥ 1800 ≥ 1600		39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1400 ≥ 1200		39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1000 ≥ 950		40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 800 ≥ 750		41.7	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 600 ≥ 500		41.9	41.9	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 450 ≥ 400		42.2	42.2	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 350 ≥ 300		42.5	42.5	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 250 ≥ 200		52.9	52.9	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 150 ≥ 100		75.3	79.4	79.6	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 90 ≥ 80		86.6	87.6	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 70 ≥ 60		88.6	89.7	90.3	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 50 ≥ 40		88.9	90.0	90.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 30 ≥ 20		92.0	93.4	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 10 ≥ 0		92.9	94.5	95.7	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0		93.0	94.6	95.8	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 0		93.3	94.9	96.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0		93.3	94.9	96.2	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0		93.3	94.9	96.2	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0		93.5	95.2	96.4	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		93.5	95.2	96.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		93.5	95.2	96.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		93.5	95.2	96.4	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 470

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

170-350
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1/4	≥1	≥1/2	≥1/8	≥1/16	≥1/32	≥1/64	≥0
NO CEILING ≥ 20000	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 18000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 16000	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 14000	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 12000	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 10000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
IV 9000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
IV 8000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 7000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 6000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 5000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 4500	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
IV 4000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 3500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3000	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
IV 2500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1800	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1200	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
IV 1000	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
IV 900	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
IV 800	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
IV 700	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
IV 600	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
IV 500	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
IV 400	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
IV 300	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
IV 200	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
IV 100	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
IV 0	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

TOTAL NUMBER OF OBSERVATIONS 427

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

CEILING VERSUS VISIBILITY

1721

LAJES A- A2

71-80

47

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

1971-1980

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000		22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 18000 IV 16000		28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
IV 14000 IV 12000		28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
IV 10000 IV 9000		30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
IV 8000 IV 7000		33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
IV 6000 IV 5000		33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
IV 4500 IV 4000		34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 3500 IV 3000		77.2	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 2500 IV 2000		86.7	87.4	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
IV 1800 IV 1500		87.6	88.3	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
IV 1200 IV 1000		88.0	88.7	89.1	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 900 IV 800		92.6	93.5	94.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 700 IV 600		93.5	94.5	95.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 500 IV 400		93.8	95.0	95.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 300 IV 200		94.0	95.3	96.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 100 0		94.1	95.4	96.1	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS

97

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

MA
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

750-1100
 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 ≥ 20000		15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
18000 16000		27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
14000 12000		27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
10000 9000		28.1	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
8000 7000		30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
6000 5000		33.8	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
4500 4000		33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
3500 3000		34.8	34.8	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
2500 2000		51.2	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
1800 1500		77.5	77.5	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8
1200 1000		84.0	84.4	84.8	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7
900 800		84.5	85.2	85.6	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5
700 600		86.2	86.9	87.3	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
500 400		86.8	87.5	88.0	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
300 200		90.5	91.7	92.7	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
100 0		91.9	93.1	94.2	95.7	95.7	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.5	96.5	96.5
		92.4	93.5	94.6	96.5	96.5	96.7	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3
		92.5	93.7	94.7	96.6	96.6	96.8	97.3	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6
		92.6	93.8	94.8	96.7	96.7	97.1	97.6	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.0
		92.8	94.1	95.1	96.9	96.9	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2
		92.8	94.1	95.1	97.1	97.1	97.6	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6
		92.9	94.1	95.2	97.4	97.4	98.1	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2
		92.9	94.1	95.2	97.5	97.5	98.2	98.9	98.9	99.2	99.2	99.2	99.2	99.4	99.5	99.5
		92.9	94.1	95.2	97.5	97.5	98.3	99.0	99.0	99.5	99.5	99.5	99.5	99.6	99.7	99.7
		92.9	94.1	95.2	97.5	97.5	98.4	99.1	99.1	99.6	99.6	99.6	99.6	99.7	99.8	99.8
		92.9	94.1	95.2	97.5	97.5	98.4	99.1	99.1	99.6	99.6	99.6	99.6	99.7	99.8	99.8
		92.9	94.1	95.2	97.5	97.5	98.4	99.1	99.1	99.6	99.6	99.6	99.6	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
 METAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1721 LAJES AIR AZ 71-87 YEARS MONTH
 STATION STATION NAME YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) 1200-1400 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING																
≥ 20000	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 18000	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 16000	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 14000	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 12000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 10000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 9000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 8000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 7000	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 6000	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 5000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 4500	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 3500	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
≥ 3000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	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	87.3
≥ 2000	87.2	88.0	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	87.3	88.1	88.4	88.4	88.4	88.4	88.9	88.9	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2
≥ 1500	90.1	91.5	91.9	92.7	92.8	92.8	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	91.7	93.3	94.0	95.2	95.4	95.4	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	92.5	94.2	94.8	96.1	96.3	96.3	96.8	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	92.5	94.2	94.8	96.2	96.5	96.5	97.0	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	92.7	94.4	95.2	96.7	96.9	96.9	97.4	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	92.8	94.5	95.3	96.8	97.0	97.0	97.6	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	92.9	94.6	95.5	97.1	97.3	97.3	98.0	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	92.9	94.6	95.5	97.3	97.5	97.5	98.3	98.5	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 400	92.9	94.6	95.5	97.3	97.5	97.5	98.3	98.5	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300	92.9	94.6	95.5	97.3	97.5	97.5	98.4	98.6	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200	92.9	94.6	95.5	97.3	97.5	97.5	98.5	98.8	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 100	92.9	94.6	95.5	97.3	97.5	97.5	98.5	98.8	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 0	92.9	94.6	95.5	97.3	97.5	97.5	98.5	98.8	99.1	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 97.

CEILING VERSUS VISIBILITY

1721
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

4A
 MONTH
 1500-1700
 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING ≥ 20000	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
IV 18000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0
IV 16000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0
IV 14000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0
IV 12000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0
IV 10000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.5	36.5	36.5
IV 9000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 8000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.1	42.1
IV 7000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.1	42.1
IV 6000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.1	42.1
IV 5000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.4	42.4	42.4
IV 4500	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.8
IV 4000	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2	55.2	55.2
IV 3500	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.9	80.9	80.9
IV 3000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.9	84.9	84.9	85.0	85.0	85.0	85.0
IV 2500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	86.1	86.1	86.1	86.2	86.2	86.2	86.2
IV 2000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.4	87.4	87.4	87.5	87.5	87.5	87.5
IV 1800	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.4	87.4	87.4	87.5	87.5	87.5	87.5
IV 1500	90.7	91.0	91.2	92.6	92.6	92.6	92.6	92.6	92.6	93.1	93.1	93.2	93.2	93.2	93.4	93.4
IV 1200	91.9	93.0	93.4	94.9	94.9	94.9	94.9	94.9	94.9	95.3	95.3	95.6	95.6	95.7	95.7	95.7
IV 1000	92.8	93.9	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.8	96.8	96.8	96.9	97.0	97.0	97.0
IV 900	92.8	93.9	94.3	96.2	96.2	96.2	96.2	96.2	96.2	97.0	97.0	97.0	97.1	97.2	97.2	97.2
IV 800	93.1	94.1	94.5	96.8	96.8	96.8	96.8	96.8	96.8	97.5	97.5	97.5	97.6	97.7	97.7	97.7
IV 700	93.0	94.1	94.5	96.8	96.8	96.8	96.8	96.8	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3
IV 600	93.0	94.1	94.5	96.8	96.8	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.5
IV 500	93.0	94.1	94.5	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.2	98.2	98.2	98.2
IV 400	93.0	94.1	94.5	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 300	93.0	94.1	94.5	97.5	97.5	97.5	97.5	97.5	97.5	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 200	93.0	94.1	94.5	97.5	97.5	97.5	97.5	97.5	97.5	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 100	93.0	94.1	94.5	97.5	97.5	97.5	97.5	97.5	97.5	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 0	93.0	94.1	94.5	97.5	97.5	97.5	97.5	97.5	97.5	98.4	98.4	98.4	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 100

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

CEILING VERSUS VISIBILITY

11211 LAJES AB AZ 71-dC MAR 1947-50

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING		24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.2	25.2	25.2	25.2
≥ 2000		35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6
≥ 1800		35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6
≥ 1600		35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6
≥ 1400		35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6
≥ 1200		35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7	35.7
≥ 1000		36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.7	36.7	36.7	36.7
≥ 900		37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2
≥ 800		42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6
≥ 700		42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8
≥ 6000		42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8
≥ 5000		42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	43.0	43.0	43.0	43.0
≥ 4500		43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.5
≥ 4000		53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4
≥ 3500		77.8	78.4	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1
≥ 3000		83.8	84.6	84.8	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9
≥ 2500		84.4	85.3	85.5	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7
≥ 2000		84.9	85.9	86.3	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8
≥ 1800		84.9	85.9	86.3	87.2	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1
≥ 1500		89.0	90.3	90.9	92.0	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0
≥ 1200		90.6	92.3	92.8	94.2	94.3	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6
≥ 1000		91.6	93.3	93.9	95.6	95.7	96.6	96.8	96.8	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1
≥ 900		91.9	93.7	94.3	96.0	96.1	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5
≥ 800		92.3	94.0	94.6	96.5	96.6	97.4	97.6	97.6	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 700		92.3	94.1	94.6	96.6	96.7	97.5	97.7	97.7	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1
≥ 600		92.3	94.1	94.7	97.0	97.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥ 500		92.3	94.1	94.7	97.2	97.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 400		92.3	94.1	94.7	97.2	97.6	98.7	98.9	99.3	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4
≥ 300		92.3	94.1	94.7	97.2	97.6	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200		92.3	94.1	94.7	97.2	97.6	98.8	99.2	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100		92.3	94.1	94.7	97.2	97.6	98.8	99.2	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0		92.3	94.1	94.7	97.2	97.6	98.8	99.2	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 97

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 211
STATION

LAJES AB AZ
STATION NAME

71-80
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

110-230
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	≥5/16	≥1/8	≥0
NO CEILING ≥ 20000		34.1	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0
IV 18000		39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 16000		39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 14000		39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 12000		39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 10000		40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5
IV 9000		40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6
IV 8000		43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2
IV 7000		43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4
IV 6000		43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4
IV 5000		43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4
IV 4500		43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5
IV 4000		53.3	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
IV 3500		73.0	78.4	78.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
IV 3000		85.9	85.9	86.2	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
IV 2500		86.1	86.5	86.9	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
IV 2000		87.1	87.4	88.1	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
IV 1800		87.8	88.6	89.0	90.5	90.5	90.5	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7
IV 1500		91.1	91.8	92.5	94.5	94.5	94.5	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200		92.7	93.4	94.2	96.4	96.4	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 1000		93.1	93.8	94.5	97.0	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 900		93.1	93.9	94.6	97.1	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 800		93.5	94.3	95.0	97.6	97.6	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 700		93.6	94.4	95.2	97.7	97.7	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 600		93.8	94.5	95.3	98.2	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 500		94.0	94.7	95.5	98.7	98.9	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 400		94.0	94.7	95.5	98.8	99.0	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300		94.0	94.7	95.5	98.8	99.0	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200		94.0	94.7	95.5	98.8	99.0	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100		94.0	94.7	95.5	98.8	99.0	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0		94.0	94.7	95.5	98.8	99.0	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

1 211

LAJES AP 47

71-80

STATION

STATION NAME

YEARS

44

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3LL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING																
≥ 20000		25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.1	26.1
18000		34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2
16000		34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.3	34.3	34.3
14000		34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.3	34.3	34.3
12000		34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
10000		35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6
9000		35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
8000		39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2
7000		39.1	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
6000		39.1	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
5000		39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
4500		39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0
4000		52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1
3500		79.1	79.6	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4
3000		85.6	86.1	86.4	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
2500		86.3	86.9	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
2000		87.3	88.0	88.4	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3
1800		87.6	88.3	88.7	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7
1500		91.1	92.2	92.9	94.1	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
1200		92.4	93.7	94.5	95.9	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6
1000		92.9	94.2	95.0	96.6	96.7	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4
900		93.0	94.3	95.1	96.8	96.9	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7
800		93.2	94.5	95.4	97.2	97.3	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
700		93.3	94.6	95.5	97.3	97.4	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3
600		93.4	94.7	95.6	97.6	97.8	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8
500		93.4	94.8	95.6	97.9	98.1	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3
400		93.5	94.8	95.6	98.0	98.2	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4
300		93.5	94.8	95.6	98.0	98.2	98.8	99.1	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6
200		93.5	94.8	95.6	98.0	98.2	98.8	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7
100		93.5	94.8	95.6	98.0	98.2	98.8	99.2	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.8
0		93.5	94.8	95.6	98.0	98.2	98.8	99.2	99.3	99.6	99.6	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11271

LAJES AB A7

71-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-7200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 2000		24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 1800 ≥ 650		28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 1400 ≥ 200		28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 1000 ≥ 900		29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 800 ≥ 700		30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 600 ≥ 500		30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 450 ≥ 400		31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 350 ≥ 300		45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 2500		74.2	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2000		83.1	83.7	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800		83.7	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500		84.7	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200		84.9	85.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000		89.6	90.4	91.0	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900		94.2	94.2	94.5	95.5	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800		93.4	95.2	95.6	97.0	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700		94.8	95.9	96.3	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600		94.6	96.4	96.9	98.3	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500		94.6	96.4	96.9	98.3	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		94.9	96.7	97.1	98.5	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		94.9	96.7	97.1	98.7	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		94.9	96.7	97.1	98.7	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		94.9	96.7	97.1	98.7	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		94.9	96.7	97.1	98.7	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 604

FEDERAL CLIMATOLOGY BRANCH
 WAFB ETAC
 AIR WEATHER SERVICE/MAAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

47
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-0500
 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		22.3	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 20000		25.9	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 18000		25.9	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 16000		25.9	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 14000		25.9	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 12000		25.9	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 10000		26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 9000		26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 8000		26.9	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 7000		26.9	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 6000		26.9	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 5000		26.9	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 4500		27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 4000		40.7	40.8	40.8	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 3500		72.9	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000		82.8	83.7	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500		83.2	84.1	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000		84.2	85.1	85.1	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800		84.7	85.6	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500		89.4	90.4	90.8	91.2	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200		93.1	94.1	94.8	95.6	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000		93.2	95.3	96.0	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900		93.3	95.4	96.1	98.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800		93.8	95.9	96.6	98.7	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700		93.8	95.9	96.6	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		93.8	95.9	96.6	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		93.8	95.9	96.7	98.8	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		93.8	95.9	96.7	98.8	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		93.8	95.9	96.7	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		93.8	95.9	96.7	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		93.8	95.9	96.7	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		93.8	95.9	96.7	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 900

3
 FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAJES AB AZ

71-80

447

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-80
 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	≥ 0
NO CEILING ≥ 20000		16.4	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
≥ 18000		22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 16000		22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 14000		22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 12000		22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 10000		22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 9500		23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 8000		28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 7000		28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 6000		28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 5000		28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 4500		28.6	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 4000		42.0	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 3500		74.7	75.2	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000		84.2	85.0	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500		84.7	85.4	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000		85.6	86.3	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800		85.8	86.6	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500		91.1	91.7	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200		93.0	94.7	95.2	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000		94.1	95.8	96.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900		94.2	96.1	96.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		94.2	96.1	96.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700		94.3	96.3	97.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600		94.3	96.4	97.2	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500		94.3	96.4	97.2	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400		94.3	96.4	97.2	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300		94.3	96.4	97.2	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200		94.3	96.4	97.2	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100		94.3	96.4	97.2	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0		94.3	96.4	97.2	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

LOCAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1721
 STATION

LAUREL AFB TX
 STATION NAME

71-87
 YEARS

27
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7-11
 HOURS (L.S.T.)

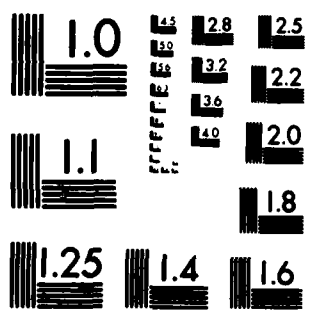
CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01
NO CEILING																
≥ 2000	17.5	18.7	18.0	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
≥ 1800	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 1600	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 1400	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 1200	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 1000	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 800	30.4	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 600	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 500	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 450	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 400	48.1	48.1	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
≥ 350	78.9	79.0	79.4	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
≥ 300	86.2	86.2	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
≥ 250	87.6	87.6	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 200	87.0	87.6	88.0	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
≥ 180	88.1	88.1	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 150	91.7	92.4	93.1	94.0	94.0	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 120	93.6	94.4	95.2	96.4	96.4	96.4	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 100	94.1	95.1	95.9	97.1	97.1	97.1	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 90	94.1	95.2	96.0	97.2	97.2	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 80	94.1	95.4	96.2	97.6	97.6	97.6	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 70	94.2	95.6	96.3	97.7	97.8	97.8	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 60	94.3	95.7	96.4	97.8	97.9	97.9	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 50	94.6	96.1	96.9	98.2	98.3	98.3	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 40	94.7	96.2	97.0	98.3	98.4	98.4	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 30	94.7	96.2	97.0	98.3	98.4	98.4	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 20	94.7	96.2	97.0	98.3	98.4	98.4	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10	94.7	96.2	97.0	98.3	98.4	98.4	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	94.7	96.2	97.0	98.3	98.4	98.4	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS _____

OF



D
13227



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

3
 FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1701
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-1971
 HOURS (L.G.T.)

CEILING - FEET	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0.5	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 3.5	≥ 4	≥ 4.5	≥ 5	≥ 5.5	≥ 6	≥ 6.5	≥ 7	≥ 8
NO CEILING ≥ 2000		20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 1800 ≥ 500		27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 1400 ≥ 200		27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 1000 ≥ 900		27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 800 ≥ 700		27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 600 ≥ 500		28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 450 ≥ 400		29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 350 ≥ 300		29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 250 ≥ 200		33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 150 ≥ 100		33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 100 ≥ 0		33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 750 ≥ 700		34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 650 ≥ 600		35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 550 ≥ 500		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 450 ≥ 400		80.8	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 350 ≥ 300		86.1	86.6	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 250 ≥ 200		86.6	87.0	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 180 ≥ 150		87.6	88.0	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 120 ≥ 100		87.8	88.2	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
≥ 90 ≥ 80		91.6	92.4	93.4	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 70 ≥ 60		93.3	94.3	95.4	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 50 ≥ 40		93.7	94.8	96.0	97.6	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 30 ≥ 20		93.8	95.0	96.2	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 10 ≥ 0		93.8	95.0	96.2	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700 ≥ 600		93.9	95.2	96.4	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500 ≥ 400		94.1	95.3	96.6	98.4	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300 ≥ 200		94.1	95.4	96.7	98.6	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100 ≥ 0		94.1	95.4	96.7	98.6	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
		94.1	95.4	96.7	98.6	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		94.1	95.4	96.7	98.6	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 670

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

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1960-1970
 YEARS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 2000		19.6	17.6	19.6	19.6	17.6	10.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
≥ 1800		28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 1600		28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 1400		28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 1200		29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 1000		30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 900		30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 800		33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 700		33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 600		33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 500		34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 4500		35.0	35.0	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 4000		53.7	53.8	53.8	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 3500		81.6	82.9	83.0	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000		86.1	87.5	87.8	88.1	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500		86.2	87.8	88.0	88.3	88.4	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000		86.9	88.4	88.7	89.2	89.3	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800		86.9	88.4	88.7	89.2	89.3	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500		90.7	92.4	92.9	93.8	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200		92.5	94.4	94.9	95.9	96.0	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000		93.4	95.7	96.1	97.2	97.4	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900		93.9	96.1	96.4	97.6	97.8	98.1	98.4	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8
≥ 800		93.9	96.1	96.6	97.7	98.0	98.4	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2
≥ 700		94.0	96.2	96.8	98.0	98.3	98.8	99.1	99.2	99.3	99.3	99.4	99.6	99.6	99.6	99.6
≥ 600		94.0	96.2	96.8	98.0	98.3	98.8	99.1	99.2	99.3	99.3	99.4	99.6	99.6	99.6	99.6
≥ 500		94.0	96.2	96.8	98.0	98.3	98.8	99.1	99.2	99.3	99.3	99.4	99.6	99.6	99.6	99.6
≥ 400		94.0	96.3	96.9	98.1	98.4	98.9	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7
≥ 300		94.1	96.4	97.1	98.3	98.7	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200		94.1	96.4	97.1	98.3	98.7	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 100		94.1	96.4	97.1	98.3	98.7	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 0		94.1	96.4	97.1	98.3	98.7	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 890

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 201
 STATION

LAJES AB AZ

71-80

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 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	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000		21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
IV 18000 IV 6500		30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 14000 IV 7000		30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
IV 10000 IV 9500		31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 8000 IV 7000		35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
IV 6000 IV 5000		35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
IV 4500 IV 4000		36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 3500 IV 3000		51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 2500 IV 2000		79.4	80.6	81.0	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 1800 IV 1500		85.9	85.9	86.3	86.7	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1200 IV 1000		85.2	86.6	87.0	87.3	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 900 IV 800		85.9	87.3	87.6	88.1	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 700 IV 600		86.4	87.9	88.3	88.7	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 500 IV 400		90.1	92.1	93.0	93.7	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 300 IV 200		92.8	95.0	96.0	96.9	97.0	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 100 IV 0		93.9	96.1	97.2	97.1	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
		94.2	96.4	97.6	98.6	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		94.6	96.9	97.9	98.9	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		94.7	96.9	98.0	99.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		94.7	96.9	98.0	99.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		94.7	96.9	98.0	99.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		94.7	96.9	98.0	99.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		94.7	96.9	98.0	99.0	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

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

CEILING VERSUS VISIBILITY

1 211

LAJES AB AZ

71-80

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING																
≥ 20000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 18000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 16000	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 14000	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 12000	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 10000	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 9000	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 8000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 7000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 6000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 5000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 4500	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 4000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 3500	77.5	78.0	78.8	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	84.5	85.0	86.0	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	84.5	85.0	86.0	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	86.2	86.7	87.7	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	86.2	86.8	87.8	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	90.5	91.5	92.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	92.7	93.9	95.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	93.7	95.2	96.6	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	93.8	95.3	96.7	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	94.2	95.9	97.2	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	94.4	96.1	97.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.4	96.1	97.4	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.5	96.2	97.6	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.5	96.2	97.6	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.5	96.2	97.6	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	94.5	96.2	97.6	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	94.5	96.2	97.6	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	94.5	96.2	97.6	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 899

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

CEILING VERSUS VISIBILITY

1721
 STATION

LAJES AB A2
 STATION NAME

71-80
 YEARS

AP
 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	≥0	≥0	≥0
NO CEILING		71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2000		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 1800		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 1600		27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 1400		27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 1200		27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 1000		28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 900		28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 800		31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 700		31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 600		31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 500		32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 450		32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 400		48.3	48.4	48.4	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 350		77.5	78.1	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 300		84.7	85.4	85.8	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 250		85.1	85.9	86.2	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 200		86.0	86.9	87.2	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800		86.1	87.1	87.5	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500		90.5	91.7	92.3	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		92.9	94.4	95.1	96.3	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		93.7	95.4	96.2	97.6	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900		93.9	95.7	96.5	97.9	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800		94.1	96.1	96.8	98.3	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700		94.2	96.1	96.9	98.4	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		94.3	96.1	97.0	98.5	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		94.4	96.2	97.1	98.6	98.8	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		94.4	96.3	97.1	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		94.4	96.3	97.2	98.8	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		94.4	96.3	97.2	98.8	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		94.4	96.3	97.2	98.8	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		94.4	96.3	97.2	98.8	93.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7194

FEDERAL CLIMATOLOGY BRANCH
 WASH DC
 AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1721

LAJES AB AZ

71-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-0200
 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 ≥ 20000		37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
IV 18000 V 6000		41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 14000 V 2000		41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 10000 V 9000		42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 8000 V 7000		46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 6000 V 5000		46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 4500 V 4000		46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 3500 V 3000		57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 2500 V 2000		82.3	82.6	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 1800 V 1500		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1200 V 1000		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
IV 900 V 800		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 700 V 600		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	96.3	96.3
IV 500 V 400		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	96.3	96.3
IV 300 V 200		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	96.3	96.3
IV 100 V 0		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	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS 525

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1721
STATION

LAJES AB AZ
STATION NAME

71-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

700-7500
HOURS (L.S.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																	
≥ 20000		36.1	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 18000		40.2	40.2	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 16000		40.2	40.2	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 14000		40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 12000		40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000		41.5	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 9000		41.6	41.6	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 8000		44.6	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 7000		44.8	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 6000		44.8	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 5000		44.8	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 4500		44.9	44.9	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 4000		57.3	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 3500		83.5	83.6	83.9	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
≥ 3000		89.8	90.1	90.4	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500		90.5	90.7	91.0	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000		91.0	91.4	91.7	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800		91.0	91.4	91.7	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
≥ 1500		94.0	94.5	94.8	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200		94.3	94.8	95.5	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000		94.9	95.5	96.2	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900		94.9	95.5	96.2	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800		95.1	95.8	96.7	97.5	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		95.4	96.0	96.9	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600		95.5	96.1	97.0	97.8	98.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500		95.7	96.3	97.2	98.1	98.3	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		95.7	96.4	97.3	98.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		95.7	96.4	97.3	98.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		95.7	96.4	97.3	98.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100		95.7	96.4	97.3	98.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0		95.7	96.4	97.3	98.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 976

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

CEILING VERSUS VISIBILITY

17211
 STATION

LAJES AF A2
 STATION NAME

71-80
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1453-0601
 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 ≥ 2000		24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.5
≥ 1800		34.3	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9
≥ 1600		34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9
≥ 1400		34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9
≥ 1200		35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3
≥ 1000		36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5
≥ 900		36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5
≥ 800		40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1
≥ 700		40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1
≥ 600		40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1
≥ 500		40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4
≥ 450		40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4
≥ 400		55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2
≥ 350		82.9	82.9	83.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
≥ 300		88.8	88.7	88.8	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 250		89.0	89.1	89.2	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 200		89.9	90.1	90.2	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 1800		91.2	91.4	91.5	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 1500		93.5	94.1	94.2	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1200		94.6	95.1	95.6	97.3	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1000		95.2	95.6	96.1	98.2	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 900		95.3	95.7	96.2	98.3	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 800		95.4	95.8	96.3	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700		95.8	95.8	96.5	98.6	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600		95.4	95.8	96.5	98.6	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500		95.6	96.0	96.7	98.8	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400		95.6	96.0	96.7	98.8	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300		95.6	96.3	96.7	98.8	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200		95.6	96.7	96.7	98.8	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 100		95.6	96.7	96.7	98.8	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 0		95.6	96.7	96.7	98.8	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
 AFMPTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1

LAJES AD AC

71-87

44Y

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1700-1400
 HOURS (L.S.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		27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 2000G		37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 1800G		37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 1600G		37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 1400G		37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 1200G		38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 1000G		39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 900G		40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 800G		44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 700G		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 600G		44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 500G		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	44.7
≥ 450G		45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 400G		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
≥ 350G		86.7	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 300G		91.8	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 250G		92.2	92.4	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 200G		92.5	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 180G		92.7	92.9	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 150G		96.0	96.3	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 120G		97.6	98.0	98.1	98.3	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100G		97.6	98.0	98.1	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 90G		97.6	98.0	98.1	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 80G		97.6	98.0	98.1	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 70G		97.6	98.0	98.1	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 60G		97.7	98.1	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 50G		97.7	98.1	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40G		97.7	98.1	98.2	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 30G		97.7	98.1	98.2	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 20G		97.7	98.1	98.2	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10G		97.7	98.1	98.2	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		97.7	98.1	98.2	98.9	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAJFC AB AZ STATION NAME 71-AR YEARS 1977 MONTH 12
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS (L.S.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 ≥ 2000	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 1800 ≥ 1500	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	41.6	41.6
≥ 1400 ≥ 1200	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	41.6	41.6
≥ 1000 ≥ 900	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 800 ≥ 700	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 600 ≥ 500	48.9	48.9	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	49.0
≥ 450 ≥ 400	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 350 ≥ 300	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 250 ≥ 200	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 180 ≥ 150	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 120 ≥ 100	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 90 ≥ 80	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 70 ≥ 60	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 50 ≥ 40	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	98.7
≥ 30 ≥ 20	98.7	98.7	98.7	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
≥ 10 ≥ 0	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 7

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAUREL A A2

YEARS 71-80

MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11 0-200
 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 ≥ 2000	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 1800 ≥ 1500	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 1400 ≥ 1200	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 1000 ≥ 900	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 800 ≥ 700	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 600 ≥ 500	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 450 ≥ 400	52.7	52.7	52.7	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
≥ 350 ≥ 300	67.7	68.0	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 250 ≥ 200	93.3	93.7	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 80 ≥ 150	93.7	94.1	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 120 ≥ 100	96.2	96.7	97.2	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 90 ≥ 80	96.6	97.0	97.5	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 70 ≥ 60	97.1	97.3	98.4	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥ 50 ≥ 40	97.5	98.2	98.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 30 ≥ 20	97.5	98.2	98.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10 ≥ 0	97.5	98.2	98.7	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 970

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 WEATHER SERVICE / 4AC

CEILING VERSUS VISIBILITY

121
 STATION

LAJFS AR AZ
 STATION NAME

71-50
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-230
 HOURS (L.G.V.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 2000	34.6	34.4	36.6	31.6	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 1800 ≥ 500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1400 ≥ 200	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 1000 ≥ 900	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 800 ≥ 700	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 600 ≥ 500	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 450 ≥ 400	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 350 ≥ 300	58.7	58.7	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
≥ 250 ≥ 200	83.1	83.1	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
≥ 180 ≥ 150	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 120 ≥ 100	93.4	93.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 90 ≥ 80	95.3	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	95.6	95.6
≥ 70 ≥ 60	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 50 ≥ 40	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	97.3	97.3
≥ 30 ≥ 20	97.0	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	97.4	97.4
≥ 10 0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 227

FEDERAL CLIMATOLOGY BRANCH
 WAFB ETAC
 AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

1721
 STATION

LAJES AFB

STATION NAME

71-60

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING ≥ 2000	71.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 1800 IV 6000	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 1400 IV 7200	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 1000 IV 9000	39.9	39.9	39.9	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 800 IV 7000	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	41.6	41.6
≥ 600 IV 5000	41.9	41.9	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	42.0
≥ 450 IV 4000	46.2	46.2	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	46.3
≥ 350 IV 3000	46.2	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	46.3	46.3
≥ 250 IV 2000	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 180 IV 1500	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 120 IV 1000	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 90 IV 800	85.2	85.3	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 70 IV 600	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	91.8	91.8
≥ 50 IV 400	91.2	91.4	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 30 IV 300	91.7	91.9	92.1	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 20 IV 200	91.9	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10 IV 100	94.8	95.1	95.4	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	95.9	96.3	96.7	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	96.2	96.7	97.1	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	96.3	96.8	97.2	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	96.5	96.9	97.4	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	96.8	97.1	97.6	98.5	98.6	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	96.7	97.2	97.7	98.6	98.7	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	96.8	97.3	97.8	98.8	98.9	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	96.8	97.4	97.8	98.8	98.9	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	96.8	97.4	97.8	98.8	98.9	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	96.8	97.4	97.8	98.8	98.9	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	96.8	97.4	97.8	98.8	98.9	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	96.8	97.4	97.8	98.8	98.9	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7429

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

CEILING VERSUS VISIBILITY

121
 STATION

LAJES AIR AFB

STATION NAME

71-80

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1955-1956
 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	≥ 0	≥ 0
NO RECORD																
≥ 2000	36.7	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 1800	39.6	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 1600	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 1400	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 1200	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 1000	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 800	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 700	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 600	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 500	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 450	41.6	41.5	41.5	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
≥ 400	52.2	52.1	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
≥ 350	71.9	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	71.9	71.9
≥ 300	82.8	82.8	83.1	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
≥ 250	83.5	83.9	84.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 200	84.3	84.7	84.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 180	84.8	85.1	85.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 150	87.7	89.0	89.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 120	99.7	91.0	91.3	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	91.2	92.5	92.9	95.4	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 90	91.3	92.8	93.1	95.8	96.1	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 80	91.6	93.1	93.5	96.3	96.7	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 70	92.2	93.6	94.2	97.0	97.4	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 60	92.5	94.1	94.6	97.5	98.0	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 50	92.5	94.1	94.6	97.8	98.2	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 40	92.5	94.1	94.6	97.8	98.2	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	92.5	94.1	94.6	97.8	98.2	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	92.5	94.1	94.6	97.8	98.2	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	92.5	94.1	94.6	97.8	98.2	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	92.5	94.1	94.6	97.8	98.2	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 627

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
LAJES AT AF

STATION NAME

71-60

YEARS

MONTH

1900-1950
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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	≥ 1/16	≥ 1/32	
NO. REPORTED ≥ 2000		31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 1800		35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 1600		35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 1400		35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 1200		35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 1000		35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 900		35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 800		36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 700		36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 600		36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 500		36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 450		37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 400		47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 350		70.4	70.7	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
≥ 300		81.6	82.1	82.3	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
≥ 250		83.2	83.9	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 200		84.0	84.8	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 180		84.1	84.9	85.3	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 150		88.3	88.9	89.4	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 120		89.8	91.7	91.3	93.3	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 100		90.7	91.7	92.3	94.8	95.0	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 90		91.1	92.1	92.8	95.4	95.7	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 80		91.7	92.7	93.3	96.3	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 70		92.3	93.3	94.0	97.2	97.4	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 60		92.4	93.5	94.2	97.4	97.7	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 50		92.8	93.9	94.5	97.9	98.1	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 40		92.8	93.9	94.5	97.9	98.1	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 30		92.8	93.9	94.5	97.9	98.1	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 20		92.8	93.9	94.5	97.9	98.1	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		92.8	93.9	94.5	97.9	98.1	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		92.8	93.9	94.5	97.9	98.1	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 809

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAJES A3 AZ YEARS 71-80 MONTH JUN
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) 430-060

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	≥ 1/16	≥ 0
NO CEILING		22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 2000		27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 1800		27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 1600		27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 1400		27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 1200		28.8	28.8	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 1000		30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 900		30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 800		33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 700		33.7	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 600		33.7	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 500		33.7	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 450		34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 400		45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 3500		69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3000		79.1	79.1	79.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500		80.0	80.0	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
≥ 2000		81.0	81.0	81.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1800		81.1	81.1	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
≥ 1500		85.9	85.9	85.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200		89.0	89.0	89.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000		90.1	90.1	90.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900		90.3	90.3	90.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800		90.6	90.6	90.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700		90.6	90.6	90.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600		90.9	90.9	90.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500		91.5	91.5	91.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400		91.5	91.5	91.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300		91.5	91.5	91.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 200		91.5	91.5	91.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 100		91.5	91.5	91.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 0		91.5	91.5	91.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS 808

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

121

LAJES AB AL

71-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 2000		24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 1800 ≥ 1500		31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 1400 ≥ 1200		31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 1000 ≥ 900		32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 800 ≥ 700		33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 600 ≥ 500		34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 450 ≥ 400		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	37.0
≥ 350 ≥ 300		37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 250 ≥ 200		37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 180 ≥ 150		37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 120 ≥ 100		34.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 90 ≥ 80		53.6	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 70 ≥ 60		75.1	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 50 ≥ 40		83.2	83.3	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 30 ≥ 20		83.9	84.2	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 15 ≥ 10		84.9	85.3	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10 ≥ 5		85.2	85.7	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5 ≥ 0		88.8	89.6	89.9	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3 ≥ 2		90.4	91.4	92.1	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1 ≥ 0		92.6	93.8	94.4	95.9	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 0		92.7	93.9	94.6	96.0	96.3	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 0		92.9	94.2	94.9	96.3	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0		93.0	94.3	95.1	96.6	96.9	97.4	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9
≥ 0		93.1	94.4	95.2	96.7	97.1	97.7	97.8	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0		93.1	94.6	95.3	96.9	97.3	97.9	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0		93.2	94.7	95.4	97.0	97.4	98.0	98.1	98.1	98.1	98.7	98.8	98.8	98.9	98.9	98.9
≥ 0		93.2	94.7	95.4	97.1	97.6	98.4	98.7	98.7	98.7	99.2	99.3	99.3	99.4	99.4	99.4
≥ 0		93.2	94.7	95.4	97.1	97.6	98.4	98.7	98.7	98.7	99.3	99.4	99.7	99.8	99.8	99.8
≥ 0		93.2	94.7	95.4	97.2	97.7	98.6	98.8	98.8	98.8	99.4	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/LMAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJFS AAF

STATION NAME

71-80

YEARS

JU

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	∞	∞6	∞5	∞4	∞3	∞2½	∞2	∞1½	∞1	∞¾	∞¾	∞½	∞5/16	∞4	∞3	
NO FOGING																
≥ 27000	25.8	26.3	26.8	27.0	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 18000	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 14000	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 9000	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	37.0	37.0
≥ 8000	40.4	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 6000	40.4	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 4500	42.4	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 3500	44.1	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 3000	44.9	45.7	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
≥ 2500	45.9	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 2000	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 1800	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 1500	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 1200	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 1000	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 900	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 800	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 700	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 600	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 500	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 400	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 300	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 200	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 100	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 0	46.4	47.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9

TOTAL NUMBER OF OBSERVATIONS 809

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

CEILING VERSUS VISIBILITY

1721
 STATION

LAJES AIR A2
 STATION NAME

71-80
 YEARS

JUN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19.0-1700
 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 ≥ 20000	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 18000 ≥ 16000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 14000 ≥ 12000	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 10000 ≥ 9000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 8000 ≥ 7000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 6000 ≥ 5000	43.6	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 4500 ≥ 4000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 3500 ≥ 3000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 2500 ≥ 2000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 1800 ≥ 1500	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200 ≥ 1000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900 ≥ 800	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700 ≥ 600	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	94.4
≥ 500 ≥ 400	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	94.4
≥ 300 ≥ 200	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	94.4
≥ 100 ≥ 0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4

TOTAL NUMBER OF OBSERVATIONS 900

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

CEILING VERSUS VISIBILITY

1721
 STATION

LAJES AP AZ
 STATION NAME

71-80
 YEARS

JUL
 MONTH
 1900-2000
 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	≥0
NO CEILING ≥ 20000		32.4	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
IV 18000 IV 6000		40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
IV 14000 IV 2000		40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
IV 10000 IV 9000		42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 8000 IV 7000		42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 6000 IV 5000		45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 4500 IV 4000		45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 3500 IV 3000		45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 2500 IV 2000		47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 1800 IV 1500		59.8	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
IV 1200 IV 1000		79.6	79.1	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
IV 900 IV 800		84.8	85.3	85.3	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 700 IV 600		85.5	86.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 500 IV 400		86.5	87.2	87.3	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 300 IV 200		86.5	87.2	87.3	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 100 IV 0		90.1	90.9	91.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
		92.0	92.9	93.5	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
		92.9	93.8	94.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
		93.4	94.4	95.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
		93.9	94.9	95.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		94.7	95.0	95.8	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
		94.3	95.3	96.2	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
		94.3	95.3	96.2	98.6	98.6	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		94.4	95.4	96.3	98.7	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
		94.4	95.4	96.3	98.7	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
		94.4	95.4	96.3	98.7	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

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

CEILING VERSUS VISIBILITY

121
 STATION

LAJES A-42
 STATION NAME

71-65
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 0-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .1
NO CEILING ≥ 20000		39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
IN 18000 6000		44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IN 14000 2000		44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IN 10000 9000		45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IN 8000 7000		45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IN 6000 5000		46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IN 4500 4000		46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IN 3500 3000		57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IN 2500 2000		74.1	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IN 1500		82.5	82.8	82.9	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 800		83.5	83.8	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
IN 1500		84.5	84.8	84.9	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 1200		84.6	85.1	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IN 1000		89.0	89.9	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IN 900		91.6	92.6	93.1	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 800		92.6	93.9	94.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IN 700		93.0	94.2	94.8	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 600		93.2	94.4	95.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IN 500		93.4	94.8	95.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IN 400		94.0	95.3	96.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IN 300		94.1	95.4	96.1	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 200		94.1	95.4	96.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 100		94.1	95.4	96.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IN 0		94.1	95.4	96.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

121
 STATION

LAJES AM AZ
 STATION NAME

71-87
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000		30.7	30.4	30.8	30.9	30.9	30.9	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 18000 ≥ 16000		36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 14000 ≥ 12000		36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 10000 ≥ 9500		37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 8000 ≥ 7000		38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 6000 ≥ 5000		40.4	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 4500 ≥ 4000		40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3500 ≥ 3000		41.6	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 2500 ≥ 2000		54.1	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 1800 ≥ 1500		74.4	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1200 ≥ 1000		82.8	83.2	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 900 ≥ 800		83.7	84.2	84.4	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 700 ≥ 600		84.7	85.2	85.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 500 ≥ 400		84.9	85.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 300 ≥ 200		88.7	89.6	90.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 100 U		91.0	91.9	92.6	94.1	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
		92.1	93.2	93.9	95.6	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
		92.4	93.5	94.2	96.1	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
		92.8	93.9	94.6	96.6	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
		93.1	94.1	94.9	96.9	97.1	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		93.2	94.4	95.1	97.2	97.4	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
		93.3	94.5	95.3	97.5	97.7	98.4	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
		93.3	94.6	95.3	97.5	97.8	98.5	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
		93.4	94.6	95.3	97.5	97.8	98.6	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6
		93.4	94.6	95.3	97.5	97.8	98.6	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7
		93.4	94.6	95.3	97.5	97.8	98.6	99.1	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8
		93.4	94.6	95.3	97.5	97.9	98.7	99.2	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7189

FEDERAL CLIMATOLOGY BRANCH
 AFCE/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AB AZ
 STATION NAME

71-60
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

200-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 4	≥ 0	
NO CEILING		41.3	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	48.4
≥ 2000		50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IN 1800		50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IN 600		50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IN 1400		50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IN 1200		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	50.5	50.5
IN 1000		50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IN 900		51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IN 800		51.4	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IN 700		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	52.0	52.0
IN 600		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	52.0	52.0
IN 500		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	52.2
IN 450		52.3	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
IN 400		64.9	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
IN 3500		86.3	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IN 3000		93.0	93.4	93.6	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 2500		93.3	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IN 2000		93.8	94.5	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
IN 1800		94.0	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IN 1500		96.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IN 1200		97.0	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 1000		97.4	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IN 900		97.4	98.7	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 800		97.4	98.7	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 700		97.4	98.7	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 600		97.4	93.7	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 500		97.4	98.7	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 400		97.4	98.7	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 300		97.4	98.7	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200		97.4	98.7	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100		97.4	98.7	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0		97.4	98.7	98.9	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

FEDERAL CLIMATOLOGY BRANCH
 AF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AF A2

STATION NAME

71-80

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-757
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥1/32	≥0
NO CEILING ≥ 2000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1800 ≥ 1700	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1400 ≥ 1200	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1000 ≥ 900	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	48.0	48.0	48.0
≥ 800 ≥ 700	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	50.1	50.1	50.1
≥ 600 ≥ 500	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 450 ≥ 400	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	50.5	50.5	50.5
≥ 350 ≥ 300	64.6	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	65.0
≥ 250 ≥ 200	92.8	92.9	93.4	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
≥ 180 ≥ 150	93.0	93.5	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 120 ≥ 100	95.9	96.7	97.3	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 90 ≥ 80	96.0	97.0	97.8	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 70 ≥ 60	96.1	97.1	98.0	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 50 ≥ 40	96.1	97.1	98.0	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 30 ≥ 20	96.1	97.1	98.0	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10 U	96.1	97.1	98.0	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS _____ 125

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

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LANES AFB

71-80

YEAR

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-420
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1.0	≥ 1.5	≥ 2.0	≥ 2.5	≥ 3.0	≥ 4.0	≥ 5.0	≥ 6.0	≥ 7.0	≥ 8.0	≥ 10.0	≥ 15.0	
NO CEILING																	
≥ 2000		36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 1800		36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 1600		36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 1400		36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 1200		39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 1000		40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 800		42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 600		42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 450		43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 400		61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 350		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 300		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
≥ 250		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 200		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
≥ 150		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	94.4
≥ 100		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 80		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
≥ 60		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
≥ 40		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 30		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	96.7
≥ 20		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 10		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 90		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 80		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 70		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 60		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 50		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 40		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 30		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 20		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 10		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 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	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 72

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES A- A7
 STATION NAME

71-80
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

977-1170
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0
NO CEILING ≥ 20000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 18000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 16000	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	42.3
IV 14000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
IV 12000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 10000	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 9500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 8000	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	48.3	48.3
IV 7000	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	48.3	48.3
IV 6000	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	48.3	48.3
IV 5000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 4500	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 4000	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
IV 3500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	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
IV 2500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	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
IV 1500	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 1200	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	96.3	96.3
IV 1000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 900	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 800	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 700	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 600	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 500	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 400	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 300	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 200	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 100	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4

TOTAL NUMBER OF OBSERVATIONS 222

FEDERAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

121
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

197-147
 HOURS (L.S.T.)

CEILING FEET	U.S. STATUTE MILES																
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1	≥ 1.2	≥ 1.5	≥ 2	≥ 3	≥ 4	
NO CEILING ≥ 2000	40.4	47.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 1800 ≥ 50%	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 1400 ≥ 2000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 1000 ≥ 900	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 800 ≥ 700	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 600 ≥ 500	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 450 ≥ 400	61.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 350 ≥ 300	68.7	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	68.9	68.9
≥ 250 ≥ 200	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 180 ≥ 150	93.0	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 120 ≥ 100	93.5	93.9	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
≥ 90 ≥ 80	93.8	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 70 ≥ 60	95.2	95.6	96.0	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	96.3
≥ 50 ≥ 40	96.7	97.6	98.2	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
≥ 30 ≥ 20	96.7	97.7	98.3	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	99.2
≥ 10 ≥ 0	96.7	97.7	98.3	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	99.2
≥ 0	96.8	97.8	98.4	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	96.8	97.8	98.4	99.1	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.8	97.8	98.4	99.1	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.8	97.8	98.4	99.1	99.2	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.8	97.8	98.4	99.1	99.2	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.8	97.8	98.4	99.1	99.2	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.8	97.8	98.4	99.1	99.2	99.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 904

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17271
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1712-171
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1.0	≥ 1.5	≥ 2.0	≥ 2.5	≥ 3.0	≥ 3.5	≥ 4.0	≥ 4.5	≥ 5.0	≥ 5.5	≥ 6.0	≥ 6.5
NO CEILING ≥ 20000		42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000 ≥ 5775		47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000 ≥ 2000		47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 10000 ≥ 9000		50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 8000 ≥ 7000		53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000 ≥ 5000		53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 4500 ≥ 4000		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
≥ 3500 ≥ 3000		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
≥ 2500 ≥ 2000		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800 ≥ 1500		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
≥ 1200 ≥ 1000		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900 ≥ 800		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
≥ 700 ≥ 600		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
≥ 500 ≥ 400		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
≥ 300 ≥ 200		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
≥ 100 ≥ 0		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 520

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAA

CEILING VERSUS VISIBILITY

1721
 STATION

LAJFS AB AZ
 STATION NAME

71-60
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅒	≥0	≥0
NO. REPORTS ≥ 2500	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
IV 1800 IV 1500	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 1400 IV 1200	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 1000 IV 900	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 800 IV 700	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 6000 IV 5000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 4500 IV 4000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 3500 IV 3000	69.7	69.7	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
IV 2500 IV 2000	93.2	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1800 IV 1500	93.9	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200 IV 1000	94.2	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 900 IV 800	96.1	96.7	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700 IV 600	96.6	97.3	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500 IV 400	96.8	97.6	98.3	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300 IV 200	96.9	97.7	98.4	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100 IV 0	96.9	97.7	98.4	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100 IV 0	97.0	97.8	98.5	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100 IV 0	97.0	97.8	98.5	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100 IV 0	97.0	97.8	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 IV 0	97.0	97.8	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 IV 0	97.0	97.8	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 IV 0	97.0	97.8	98.5	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 970

GENERAL CLIMATOLOGY BRANCH
 AFSAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17211
 STATION

LAJES AB AC

STATION NAME

71-80

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11.0-20.0

HOURS (L.R.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 ≥ 2000		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	47.8	47.8
≥ 1800 N 5700		51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1400 N 7200		51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1000 N 9000		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 800 N 7000		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 600 N 5000		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 450 N 4000		55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 350 N 3000		67.3	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 250 N 2000		92.0	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 180 N 1500		93.8	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 120 N 1000		94.3	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 90 N 800		96.3	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 70 N 600		97.2	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 50 N 400		97.5	98.5	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
≥ 30 N 200		97.5	98.5	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
≥ 10 N 0		97.5	98.5	98.7	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 422

FEDERAL BUREAU OF SURVEY
 METEOROLOGICAL SERVICE/MAA

CEILING VERSUS VISIBILITY

17211
 STATION

LAJFS AF AC
 STATION NAME

71-80
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 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	≥ 0	≥ 0
NO CEILING ≥ 2000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV ≥ 1800 ≥ 1700	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
IV ≥ 1400 ≥ 1200	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV ≥ 1000 ≥ 900	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	48.1	48.1	48.1
IV ≥ 800 ≥ 700	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV ≥ 600 ≥ 500	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV ≥ 450 ≥ 400	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	61.2
IV ≥ 350 ≥ 300	82.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV ≥ 250 ≥ 200	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV ≥ 180 ≥ 150	93.6	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV ≥ 120 ≥ 100	96.6	97.4	97.8	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV ≥ 90 ≥ 80	96.9	97.7	98.1	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
IV ≥ 70 ≥ 60	96.9	97.8	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV ≥ 50 ≥ 40	96.9	97.8	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV ≥ 30 ≥ 20	96.9	97.8	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV ≥ 10 0	96.9	97.8	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 747

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

CEILING VERSUS VISIBILITY

1721
 STATION

LAJES AP A2
 STATION NAME

71-80
 YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
≥ 10000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	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	60.5	60.5
≥ 6000	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	60.5	60.5
≥ 4000	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	60.5	60.5
≥ 2000	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	60.5	60.5
≥ 1000	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	61.2
≥ 800	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 600	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 400	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 200	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 100	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	74.3
≥ 80	91.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 60	96.0	96.0	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 40	96.0	96.0	96.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 20	96.0	96.0	96.0	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 10	96.8	96.8	96.8	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8	97.5	97.5	97.5	98.0	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 6	98.0	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
≥ 4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2	98.8	98.8	98.8	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1	98.8	98.8	98.8	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3/4	98.8	98.8	98.8	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1/2	98.8	98.8	98.8	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1/4	98.8	98.8	98.8	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1/8	98.8	98.8	98.8	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1/16	98.8	98.8	98.8	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1/32	98.8	98.8	98.8	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.8	98.8	98.8	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 227

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 1 271

STATION NAME
 LAJES AF A2

YEARS
 71-80

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1900
 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	≥ 0	≥ 0
NO CEILING ≥ 2000	56.6	55.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 1800 ≥ 1600	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1400 ≥ 1200	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1000 ≥ 900	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 800 ≥ 700	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 600 ≥ 500	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 450 ≥ 400	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	61.2
≥ 350 ≥ 300	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 250 ≥ 200	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	92.2
≥ 180 ≥ 150	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 120 ≥ 100	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	96.6	96.6	96.6
≥ 90 ≥ 80	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 70 ≥ 60	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 50 ≥ 40	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 30 ≥ 20	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 10 ≥ 0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 437

GLOBAL CLIMATOLOGY BRANCH
 WAFB ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

121
 STATION

LAFB AB 42
 STATION NAME

71-80
 YEARS

003
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ADD-080
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING																
≥ 2000		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1800		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
≥ 1600		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
≥ 1400		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
≥ 1200		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 1000		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	53.4
≥ 900		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	53.4
≥ 800		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 700		56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 6000		56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 5000		56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4500		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
≥ 4000		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	71.5	71.5
≥ 3500		92.6	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000		96.2	96.3	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500		96.2	96.3	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000		96.6	96.7	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800		96.9	97.1	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500		97.8	98.1	98.5	98.6	98.6	98.8	99.0	99.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200		98.2	98.4	98.9	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		98.4	98.6	99.1	99.2	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		98.5	98.7	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		98.5	98.7	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		98.5	98.7	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		98.5	98.7	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		98.6	98.8	99.4	99.5	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.6	98.8	99.4	99.5	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.6	98.8	99.4	99.5	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.6	98.8	99.4	99.5	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.6	98.8	99.4	99.5	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.6	98.8	99.4	99.5	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 420

CENTRAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AIR AB
 STATION NAME

71-80
 YEARS

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

400-1100
 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	≥ 0	≥ 0
NO CEILING																
≥ 2000	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 1800	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1600	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1400	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1200	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 1000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 900	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 800	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 700	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 600	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 500	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 450	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	57.5	57.5	57.5
≥ 400	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 350	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 250	94.8	95.2	95.2	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
≥ 200	95.5	95.8	95.8	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
≥ 180	95.5	95.9	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
≥ 150	97.7	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 120	98.5	98.9	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
≥ 100	98.5	98.9	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
≥ 90	98.5	98.9	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
≥ 80	98.5	98.9	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
≥ 70	98.5	98.9	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
≥ 60	98.5	98.9	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
≥ 50	98.5	98.9	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
≥ 40	98.5	98.9	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
≥ 30	98.5	98.9	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
≥ 20	98.5	98.9	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
≥ 10	98.5	98.9	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
≥ 0	98.5	98.9	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

TOTAL NUMBER OF OBSERVATIONS 97-

CEILING VERSUS VISIBILITY

1 21
 STATION

LAJES AR AZ
 STATION NAME

71-80
 YEARS

407
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 7-14 7
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/4	≥ 1/8	≥ 1/2
NONE UN- ≥ 2000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1800 ≥ 1700	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	51.9
≥ 1400 ≥ 2000	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	51.9
≥ 2000 ≥ 9000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 8000 ≥ 7000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 6000 ≥ 5000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4500 ≥ 4000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3500 ≥ 3000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2500 ≥ 2000	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	58.2	58.2	58.2
≥ 1800 ≥ 1500	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 1200 ≥ 1000	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 900 ≥ 800	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700 ≥ 600	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	96.7
≥ 500 ≥ 400	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	96.7
≥ 300 ≥ 200	97.2	97.6	97.6	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
≥ 100 ≥ 0	97.3	97.7	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	97.8
≥ 0	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	99.6	99.6	99.6
≥ 0	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0
≥ 0	99.2	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	100.0

TOTAL NUMBER OF OBSERVATIONS 224

FEDERAL CLIMATOLOGY BRANCH
 WPC/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

171
 STATION

LAJES AR 87
 STATION NAME

71-57
 YEARS

10
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1. 7-177
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥.75	≥.5	≥.25	≥.2	≥.15	≥.1	≥.05
NO CEILING																
≥ 2000		40.7	46.4	46.8	47.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 1800		52.7	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 1600		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	52.6	52.6
≥ 1400		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	52.6	52.6
≥ 1200		53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 1000		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
≥ 900		56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 800		58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 700		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
≥ 600		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
≥ 5000		53.9	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
≥ 4500		59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 4000		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	75.1
≥ 3500		94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000		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	96.3
≥ 2500		96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000		96.3	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
≥ 1800		96.3	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		98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200		98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		98.7	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		99.0	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
≥ 600		99.0	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
≥ 500		99.0	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
≥ 400		99.0	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
≥ 300		99.0	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
≥ 200		99.0	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
≥ 100		99.0	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		99.0	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 27

3
 FEDERAL CLIMATOLOGY BRANCH
 AFSLTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1721
 STATION

LAUFS AB AZ
 STATION NAME

71-80
 YEARS

10
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-10-1950
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
≥ 10000	49.6	47.6	49.6	47.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 9500	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8500	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7500	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 6500	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 6000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 5500	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4500	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4000	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
≥ 3500	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000	94.0	94.3	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	96.3	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 927

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

CEILING VERSUS VISIBILITY

STATION
 LAJES AB 42

STATION NAME

71-80

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 1-1-1961
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ 0
NO. CEILING															
≥ 27000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 15000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10500	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
≥ 9000	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	65.5	65.5
≥ 8000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 5000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	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
≥ 3000	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	96.3	96.3
≥ 2500	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	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
≥ 1800	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
≥ 1500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	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
≥ 1000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 722

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 LAUREL AFB

STATION NAME

YEARS
 71-80

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING ≥ 2000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1800	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 1600	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 1400	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 1200	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 1000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 900	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	58.2	58.2	58.2
≥ 800	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 700	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 600	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 500	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 450	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 400	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 350	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	93.1
≥ 300	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 250	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	96.7
≥ 200	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 180	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 150	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 120	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 90	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 80	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 70	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 60	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 40	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 30	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 20	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7474

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

121
 STATION

LAUREL AR AT
 STATION NAME

71-86
 YEARS

71
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

030-001
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO. CEILING																
≥ 2000		47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1800		49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 1600		49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 1400		49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 1200		50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1000		51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 900		51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 800		54.0	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	54.1
≥ 700		54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 600		54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 500		54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 450		54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 400		63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 350		84.2	84.4	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 300		90.2	90.0	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 250		90.6	91.4	91.6	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 200		91.9	92.6	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800		92.1	92.9	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500		93.2	94.6	95.0	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200		95.1	96.1	96.3	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000		95.3	96.2	96.5	97.0	97.0	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900		95.7	96.5	96.9	97.3	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		95.9	96.8	97.1	97.7	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700		95.9	96.4	97.1	97.7	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600		96.4	97.4	97.8	98.4	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		96.4	97.4	97.8	98.4	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		96.7	97.7	98.0	98.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		96.7	97.7	98.0	98.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		96.7	97.7	98.0	98.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		96.7	97.7	98.0	98.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0		96.7	97.7	98.0	98.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 897

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 I 211

STATION NAME
 LAJES AFB

YEARS
 71-80

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
 71-80
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ 0	≥ 0
NO CEILING ≥ 2000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 1800 ≥ 1500	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 1400 ≥ 1200	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 1000 ≥ 900	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 800 ≥ 700	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	52.1
≥ 600 ≥ 500	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	52.1
≥ 450 ≥ 400	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 350 ≥ 300	83.8	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 250 ≥ 200	91.0	91.6	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 180 ≥ 150	91.3	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 120 ≥ 100	95.7	96.3	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 90 ≥ 80	95.7	96.7	97.0	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
≥ 70 ≥ 60	96.0	97.1	97.3	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
≥ 50 ≥ 40	96.8	97.8	98.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 30 ≥ 20	96.8	97.8	98.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 10 ≥ 0	96.8	97.8	98.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 827

FEDERAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

121
 STATION

LRJFS A: A7
 STATION NAME

71-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .1
NO. FEET ≥ 2500	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 1800 ≥ 1500	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 1400 ≥ 1200	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 1000 ≥ 900	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 800 ≥ 700	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 600 ≥ 500	47.4	47.4	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	47.5
≥ 450 ≥ 400	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 350 ≥ 300	48.2	48.2	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
≥ 250 ≥ 200	50.8	61.0	61.1	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
≥ 180 ≥ 150	82.9	83.2	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 120 ≥ 100	87.5	88.0	88.2	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
≥ 90 ≥ 80	89.7	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
≥ 70 ≥ 60	88.9	89.3	89.7	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
≥ 50 ≥ 40	89.3	89.9	90.2	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
≥ 30 ≥ 20	92.4	93.4	93.9	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
≥ 10 ≥ 0	93.9	94.9	95.3	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	94.3	95.4	95.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	94.3	95.4	95.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	94.4	95.6	96.0	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	94.5	95.7	96.1	97.8	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	95.3	96.2	96.7	98.3	98.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	95.1	96.3	96.9	98.6	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	95.3	96.6	97.1	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	95.3	96.6	97.1	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	95.3	96.6	97.1	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	95.3	96.6	97.1	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	95.3	96.6	97.1	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	95.3	96.6	97.1	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	95.3	96.6	97.1	98.8	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 899

REGIONAL CLIMATOLOGY BRANCH
 WAFB/TAC
 METEOROLOGICAL SERVICE/TAC

CEILING VERSUS VISIBILITY

1 1 1
 STATION

LAJES AT A7
 STATION NAME

71-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .1
NO CEILING		37.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 2000		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 1800		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 1500		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 1400		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 1200		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 1000		45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 900		45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 800		49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 700		49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 600		49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 500		50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 450		50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 400		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
≥ 350		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
≥ 300		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
≥ 250		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
≥ 200		90.3	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 180		90.3	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 150		94.3	94.7	94.8	95.6	95.6	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 120		95.6	95.9	96.4	97.6	97.6	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100		96.1	96.3	96.9	98.0	98.0	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 90		96.7	97.0	97.6	98.7	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 80		97.0	97.3	97.9	99.0	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 70		97.0	97.4	98.1	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 60		97.0	97.4	98.1	99.3	99.3	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50		97.0	97.4	98.1	99.3	99.3	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 40		97.1	97.6	98.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30		97.1	97.6	98.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20		97.1	97.6	98.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10		97.1	97.6	98.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.1	97.6	98.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 699

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

121
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

12
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

190-140
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.2	≥0.1	
NO CEILING																	
≥ 2000		34.9	34.9	38.9	30.9	34.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 1800		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	47.8	47.8	47.8
≥ 1600		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	47.8	47.8	47.8
≥ 1400		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	47.8	47.8	47.8
≥ 1200		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	47.8	47.8	47.8
≥ 1000		50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 900		51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 800		55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 700		55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 600		55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 500		56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 450		56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 400		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	70.9	70.9
≥ 3500		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	89.9
≥ 3000		92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500		92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800		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
≥ 1500		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
≥ 1200		95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900		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	96.2
≥ 800		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	96.6
≥ 700		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 100		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ U		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 699

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION LAJES A-42 YEARS 71-80 MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-0-170
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/20	≥ 0
≥ 2000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 1800	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1600	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1400	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1200	51.5	51.5	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
≥ 1000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 900	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 800	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 700	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 600	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 5000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4500	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 4000	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3500	88.1	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	91.4	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	91.7	92.2	92.3	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
≥ 2000	92.1	92.5	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	92.1	92.5	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	93.6	94.3	94.6	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
≥ 1200	95.0	95.6	96.1	96.9	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	95.5	96.2	96.7	97.5	97.6	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	95.6	96.3	96.6	97.7	97.9	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	96.0	96.8	97.2	98.1	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	96.3	97.1	97.5	98.4	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	96.4	97.2	97.7	98.5	98.6	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	96.8	97.5	98.0	99.0	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	97.5	98.0	99.0	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	96.8	97.5	98.0	99.0	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	96.8	97.5	98.0	99.0	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	96.8	97.5	98.0	99.0	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	96.8	97.5	98.0	99.0	99.2	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 604

LOCAL CLIMATOLOGY BRANCH
 USAF ETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 LAJES AF 47

STATION NAME

YEARS
 71-80

MONTH

1977-1980

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1977-1980
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ 0	≥ 0	
NO CEILING																	
≥ 2000		38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 1800		47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 1600		47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 1400		47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 1200		47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 1000		48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 900		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 800		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	55.0
≥ 700		55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 6000		55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 5000		55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 4500		55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4000		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	69.5
≥ 3500		87.7	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
≥ 3000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500		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
≥ 2000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800		91.4	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500		94.6	95.1	95.3	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200		95.9	96.5	97.0	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000		96.1	96.8	97.2	97.5	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900		96.1	96.8	97.2	97.5	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		96.4	97.2	97.7	98.1	98.1	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700		96.5	97.3	97.8	98.2	98.2	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		96.9	97.7	98.1	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 500		96.9	97.8	98.2	98.8	98.8	98.9	99.6	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 400		96.9	97.8	98.2	98.8	98.8	98.9	99.6	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 300		96.9	97.8	98.2	98.8	98.8	98.9	99.6	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200		96.9	97.8	98.2	98.8	98.8	98.9	99.6	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100		96.9	97.8	98.2	98.8	98.8	98.9	99.6	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0		96.9	97.8	98.2	98.8	98.8	98.9	99.6	99.6	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 507

FEDERAL CLIMATOLOGY BRANCH
 OFFICE OF METEOROLOGY
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

121
 STATION

LAJES AB AZ

STATION NAME

71-80

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

117-23
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2
NO CEILING ≥ 20000	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	47.8	47.8	47.8
≥ 18000 ≥ 6000	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	51.9
≥ 14000 ≥ 7000	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	51.9
≥ 10000 ≥ 9000	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	52.9
≥ 8000 ≥ 7000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000 ≥ 5000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4500 ≥ 4000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 3500 ≥ 3000	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	67.5
≥ 2500 ≥ 2000	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	89.1
≥ 1800 ≥ 1500	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
≥ 1200 ≥ 1000	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	94.4
≥ 900 ≥ 800	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700 ≥ 600	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500 ≥ 400	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300 ≥ 200	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 100 ≥ 0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 829

FEDERAL AVIATION ADMINISTRATION
 METAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LAUREL AFB AZ YEARS: 71-80 MONTH: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0	≥ 0
≥ 2000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 1800	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	47.8	47.8	47.8
≥ 1600	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	47.8	47.8	47.8
≥ 1400	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	47.8	47.8	47.8
≥ 1200	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	47.8	47.8	47.8
≥ 1000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 800	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 600	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 400	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	53.4	53.4
≥ 200	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 100	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 50	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 25	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	66.6	66.6
≥ 10	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 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	90.4
≥ 2	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
≥ 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
≥ 0.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 0.25	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	95.1
≥ 0.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 0.05	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 0.025	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	96.7
≥ 0.01	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	97.1
≥ 0.005	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 0.0025	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0.001	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	97.7
≥ 0.0005	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0.00025	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0.0001	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0.00005	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0.000025	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0.00001	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0.000005	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0.0000025	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0.000001	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0.0000005	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0.00000025	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0.0000001	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0.00000005	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0.000000025	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0.00000001	99.9	99.9	99.9	99.9	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 7187

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

CEILING VERSUS VISIBILITY

1121
 STATION

LAJES AFB AL

STATION NAME

71-80

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO. CEILING ≥ 2000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 1800 ≥ 600	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 1400 ≥ 200	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 1000 ≥ 900	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 800 ≥ 700	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 600 ≥ 500	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 450 ≥ 400	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 350 ≥ 300	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	56.4	56.4
≥ 250 ≥ 200	89.3	90.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 80 ≥ 150	90.0	90.8	91.2	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 120 ≥ 100	95.3	96.6	97.0	98.4	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 90 ≥ 80	95.4	96.7	97.1	98.5	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 70 ≥ 60	95.4	96.7	97.1	98.5	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 50 ≥ 40	95.5	96.8	97.2	98.6	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 30 ≥ 20	95.5	96.8	97.2	98.6	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 10 ≥ 0	95.5	96.8	97.2	98.6	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	95.5	96.8	97.2	98.6	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 97

CEILING VERSUS VISIBILITY

STATION: LAJES AFB AZ STATION NAME: LAJES AFB AZ YEARS: 71-80 MONTH: 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

71-80
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	≥ 0
≥ 10000		37.0	37.0	38.0	37.0	38.0	39.0	38.0	39.0	38.0	39.0	38.0	39.0	39.0	39.0	39.0
≥ 8000		39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 6000		39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 4000		39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 2000		39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 1000		39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 800		41.7	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	42.0
≥ 600		41.7	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	42.0
≥ 400		41.7	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	42.0
≥ 200		41.7	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	42.0
≥ 100		42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 50		55.2	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	55.3
≥ 3000		84.2	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
≥ 2500		90.7	90.4	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000		90.5	91.7	91.3	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800		93.6	91.1	91.4	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500		94.7	95.6	96.0	96.7	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200		95.4	96.3	97.1	98.1	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000		95.6	96.6	97.2	98.3	98.4	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		95.6	96.6	97.2	98.3	98.4	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		95.6	96.6	97.2	98.3	98.4	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		95.6	96.6	97.2	98.3	98.4	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		95.6	96.6	97.2	98.3	98.4	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		95.6	96.6	97.3	98.4	98.5	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		95.6	96.6	97.3	98.4	98.5	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		95.6	96.6	97.3	98.4	98.5	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		95.6	96.6	97.3	98.4	98.5	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		95.6	96.6	97.3	98.4	98.5	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		95.6	96.6	97.3	98.4	98.5	99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 425

REGIONAL CLIMATOLOGY BRANCH
 U.S. ETAC
 47th WEAATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJUN AB AZ
 STATION NAME

71-80
 YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

400-167
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ 0	
≥ 2000	30.6	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.7	30.8
≥ 1800	30.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5
≥ 1600	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5
≥ 1400	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5
≥ 1200	35.7	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	36.0	36.0	36.0	36.0
≥ 1000	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5
≥ 800	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5
≥ 600	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6
≥ 500	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6
≥ 450	40.9	40.9	40.9	40.9	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2
≥ 400	43.0	43.0	43.0	43.0	43.0	43.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5
≥ 350	83.4	84.1	84.2	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
≥ 300	88.6	89.3	89.5	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 250	89.5	89.5	89.5	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 200	89.5	90.5	90.6	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 1800	90.0	90.7	90.9	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 1500	92.9	93.9	94.2	95.5	95.5	95.5	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 1200	93.9	95.1	95.4	97.1	97.1	97.1	97.5	97.6	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1000	94.2	95.4	95.7	97.4	97.4	97.4	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 900	94.3	95.6	95.8	97.5	97.5	97.5	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 800	94.4	95.6	96.0	97.7	97.7	97.7	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	94.4	95.7	96.1	97.8	97.8	97.8	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	94.4	95.7	96.1	98.0	98.0	98.0	98.6	99.0	99.1	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	94.4	95.7	96.1	98.2	98.2	98.2	98.8	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	94.4	95.7	96.1	98.2	98.2	98.2	98.8	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	94.4	95.7	96.1	98.2	98.2	98.2	98.8	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	94.4	95.7	96.1	98.2	98.2	98.2	98.8	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	94.4	95.7	96.1	98.2	98.2	98.2	98.8	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	94.4	95.7	96.1	98.2	98.2	98.2	98.8	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

GENERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1711
 STATION

LAJES AFB
 STATION NAME

71-87
 YEARS

07
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-117
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO. CEILING ≥ 20000	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 18000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 16000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 14000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 12000	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 10000	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 9000	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 8000	46.2	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 7000	46.2	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 6000	46.2	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 5000	46.3	46.3	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 4500	46.3	46.3	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 4000	62.2	62.2	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
≥ 3500	85.7	86.0	86.7	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
≥ 3000	88.3	88.3	89.5	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
≥ 2500	88.3	88.4	89.5	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
≥ 2000	89.8	89.4	90.0	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	89.2	89.8	90.4	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	91.5	92.5	93.1	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	93.3	94.1	94.7	97.5	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	93.8	94.5	95.3	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	93.9	94.4	95.4	97.7	97.8	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	93.9	94.6	95.4	97.7	97.8	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	94.1	94.9	95.7	98.1	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	94.1	95.2	95.9	98.4	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	94.1	95.3	96.0	98.6	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	94.2	95.4	96.1	98.7	98.8	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	94.2	95.4	96.1	98.7	98.8	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	94.2	95.4	96.1	98.7	98.8	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	94.2	95.4	96.1	98.7	98.8	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	94.2	95.4	96.1	98.7	98.8	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 271

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FIG 1
 STATION

LAJES AR AZ

STATION NAME

71-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 2-14 19
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01	≥.00
NO. OBS. ≥ 2000		27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 1800 N 600		40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 1400 N 200		40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 1000 N 900		41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 800 N 700		43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 600 N 500		43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 450 N 400		50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 350 N 300		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
≥ 250 N 200		67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 80 N 150		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
≥ 120 N 0		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
≥ 90 N 80		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
≥ 70 N 60		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
≥ 50 N 40		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
≥ 30 N 20		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
≥ 10 N 0		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

121
 STATION

LAUREL AZ
 STATION NAME

71-67
 YEARS

07
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-1971
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
≥ 10000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 8000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 7000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 6000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 5000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 4000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 3000	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 2000	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 1500	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 1000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 800	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 700	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
≥ 600	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	89.7
≥ 500	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	90.4
≥ 400	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
≥ 300	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 200	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	96.6
≥ 100	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	95.7	96.9	97.4	98.2	98.2	98.5	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	95.7	96.9	97.4	98.2	98.2	98.5	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	95.8	97.1	97.6	98.4	98.4	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	96.0	97.2	97.8	98.6	98.6	98.9	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	96.0	97.2	97.8	98.6	98.6	98.9	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.0	97.2	97.8	98.6	98.6	98.9	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.0	97.2	97.8	98.6	98.6	98.9	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.0	97.2	97.8	98.6	98.6	98.9	99.4	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.0	97.2	97.8	98.6	98.6	98.9	99.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 520

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AIR AC

STATION NAME

71-67

YEAR

1977

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1977-1977
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING																
≥ 2000		29.9	31.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 1800		32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 1600		32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 1400		32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 1200		32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 1000		41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 900		41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 800		46.4	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 700		46.4	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 600		46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 500		47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 450		47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 400		61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 350		84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 300		89.7	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
≥ 250		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 200		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
≥ 180		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
≥ 150		94.2	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 120		94.6	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 100		94.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 90		94.7	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	96.6
≥ 80		94.7	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	96.6
≥ 70		94.9	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
≥ 60		94.9	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
≥ 50		94.9	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
≥ 40		94.9	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
≥ 30		94.9	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
≥ 20		94.9	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
≥ 10		94.9	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
≥ 0		94.9	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

TOTAL NUMBER OF OBSERVATIONS 700

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE/MAAC

CEILING VERSUS VISIBILITY

STATION

LAUREL AFB TX

STATION NAME

71-80

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

110-23
 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	≥ 0	≥ 0
≥ 2000	34.1	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 1800	34.1	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 1600	34.1	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 1400	34.1	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 1200	34.1	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 1000	34.1	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 800	43.3	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 700	43.3	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 600	43.3	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 500	43.3	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 450	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 400	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 350	85.3	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	86.1	86.1
≥ 300	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 250	91.6	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	91.8
≥ 200	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 180	91.7	92.3	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 150	94.7	94.7	95.5	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 120	94.5	95.8	96.6	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	94.5	95.9	96.7	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 90	94.8	96.3	97.1	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 80	94.8	96.3	97.1	98.7	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 70	94.3	96.5	97.2	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 60	94.9	96.5	97.2	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 50	94.9	96.5	97.2	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	94.9	96.5	97.2	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 30	94.9	96.5	97.2	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 20	94.9	96.5	97.2	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10	94.9	96.5	97.2	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	94.9	96.5	97.2	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1771
 STATION

LAJFS AR AZ
 STATION NAME

71-60
 YEARS

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING																
≥ 2000	31.5	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 1800	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 1600	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 1400	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 1200	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 1000	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 900	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 800	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 700	45.1	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 600	45.1	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 500	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 450	45.7	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 400	59.7	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	59.9
≥ 350	85.4	85.8	86.0	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 300	89.1	89.7	89.9	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 250	89.5	90.0	90.3	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 200	90.0	90.6	90.9	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 180	90.5	91.1	91.4	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 150	93.6	94.5	95.0	95.9	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 120	94.6	95.7	96.2	97.6	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	94.8	95.9	96.5	97.9	97.9	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 90	94.9	96.1	96.6	98.1	98.1	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 80	94.9	96.1	96.6	98.1	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 70	95.1	96.2	96.8	98.3	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 60	95.1	96.3	96.9	98.5	98.5	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 50	95.1	96.4	96.9	98.5	98.6	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 40	95.2	96.4	97.0	98.6	98.6	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 30	95.2	96.4	97.0	98.6	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 20	95.2	96.4	97.0	98.6	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10	95.2	96.4	97.0	98.6	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	95.2	96.4	97.0	98.6	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7474

CENTRAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

STATION

LAJES AFB

STATION NAME

71-80

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-52
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	≥ 0
≥ 2000	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 1800	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 1600	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 1400	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 1200	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 1000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 800	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 600	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 500	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 450	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 400	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 350	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 300	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 250	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	89.1
≥ 200	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 180	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 150	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
≥ 120	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 100	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 90	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	94.4
≥ 80	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	94.4
≥ 70	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 60	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	95.1
≥ 50	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 40	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 30	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 20	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 10	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 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	95.2

TOTAL NUMBER OF OBSERVATIONS 879

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AB AZ

STATION NAME

71-80

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

700-057
 HOURS (L.S.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 ≥ 2000		27.8	27.4	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 1800 ≥ 6700		31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 1400 ≥ 1200		31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 1000 ≥ 900		31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 800 ≥ 700		34.2	34.3	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 600 ≥ 500		34.2	34.3	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 450 ≥ 400		35.5	35.6	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 350 ≥ 300		78.1	78.4	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 250 ≥ 200		88.6	88.5	88.8	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
≥ 180 ≥ 150		89.0	89.8	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
≥ 120 ≥ 100		93.4	94.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 90 ≥ 80		93.7	94.8	95.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 70 ≥ 60		94.0	95.2	96.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 50 ≥ 40		94.3	95.5	96.7	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
≥ 30 ≥ 20		94.3	95.5	96.7	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
≥ 10 ≥ 0		94.3	95.5	96.7	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 89

NATIONAL CLIMATOLOGY BRANCH
 METAC
 AND WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 271

LAJES AB AZ

71-80

NO.

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FD-1670
 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 ≥ 20000	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 18000 ≥ 6000	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 14000 ≥ 2000	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 10000 ≥ 9500	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 8000 ≥ 7000	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 6000 ≥ 5000	31.8	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 4500 ≥ 4000	32.6	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 3500 ≥ 3000	77.2	77.8	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
≥ 2500 ≥ 2000	85.7	86.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800 ≥ 1500	87.3	88.7	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	89.5
≥ 1200 ≥ 1000	91.2	92.5	93.5	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900 ≥ 800	93.3	95.7	96.2	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700 ≥ 600	94.2	96.7	97.3	98.0	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500 ≥ 400	94.5	96.3	97.7	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300 ≥ 200	94.7	96.4	97.8	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 100 U	94.7	96.4	97.8	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 524

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1721
 STATION

LAJFS A1 A7
 STATION NAME

71-87
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING ≥ 2000		19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 1800 ≥ 600		30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 1400 ≥ 1200		30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 1000 ≥ 900		31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 800 ≥ 700		38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 600 ≥ 500		38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 450 ≥ 400		39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 350 ≥ 300		77.1	77.4	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 250 ≥ 200		83.0	83.7	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 180 ≥ 150		84.9	85.8	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 120 ≥ 100		92.0	93.4	94.3	94.9	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 90 ≥ 80		93.2	95.7	96.0	97.0	97.0	97.3	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9
≥ 70 ≥ 60		93.3	95.2	96.3	97.7	97.7	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6
≥ 50 ≥ 40		93.4	95.6	96.7	98.2	98.2	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥ 30 ≥ 20		93.6	95.8	96.9	98.6	98.6	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8
≥ 10 ≥ 0		93.6	95.8	96.9	98.6	98.6	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS _____

FEDERAL CLIMATOLOGY BRANCH
 METEOROLOGICAL SERVICE/ETAC
 METEOROLOGICAL SERVICE/ETAC

CEILING VERSUS VISIBILITY

STATION: 1001 LAJES AB AZ YEARS: 71-80 MONTH: _____
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.): _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	
NO CEILING																	
≥ 2000	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 1800	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 1600	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 1400	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 1200	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 1000	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 900	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 800	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 700	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 600	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 500	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 450	41.4	41.4	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	41.6
≥ 400	41.4	41.4	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	41.6
≥ 350	78.1	78.6	78.9	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
≥ 300	83.5	84.3	84.5	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 250	83.6	84.4	84.8	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 200	84.5	85.4	85.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 180	85.3	86.3	86.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 150	89.0	90.5	91.4	92.5	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 120	91.3	93.0	94.0	95.2	95.3	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100	92.7	94.3	95.7	96.9	97.0	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 90	93.1	94.4	96.1	97.4	97.6	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 80	93.2	95.1	96.3	97.7	97.8	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 70	93.3	95.3	96.7	98.0	98.1	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 60	93.4	95.7	97.0	98.4	98.6	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 50	93.4	95.7	97.0	98.4	98.6	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 40	93.4	95.7	97.0	98.4	98.6	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 30	93.4	95.7	97.0	98.4	98.6	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 20	93.4	95.7	97.0	98.6	98.7	99.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10	93.4	95.7	97.0	98.6	98.8	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	93.4	95.7	97.0	98.6	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: _____

CLIMATE CLIMATOLOGY BRANCH
 AF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1 LAJES AFB AZ

71-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1700
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 2000	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 1800	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 1600	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 1400	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 1200	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 1000	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 900	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 800	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 700	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 600	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 500	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 450	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 400	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 350	79.9	79.9	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
≥ 300	84.5	84.5	84.5	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
≥ 250	84.6	84.6	84.6	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
≥ 200	86.5	86.5	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 180	86.3	87.2	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 150	89.1	90.6	91.4	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
≥ 120	92.8	92.8	93.6	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
≥ 100	91.2	93.2	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 90	91.4	93.4	94.3	96.5	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 80	91.6	93.6	94.5	96.9	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 70	92.2	94.2	95.1	97.4	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 60	92.3	94.3	95.2	97.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 50	92.3	94.3	95.2	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 40	92.3	94.3	95.2	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 30	92.3	94.3	95.2	98.2	98.2	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 20	92.3	94.3	95.2	98.3	98.3	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 10	92.3	94.3	95.2	98.3	98.3	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	92.3	94.3	95.2	98.3	98.3	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 207

GLOBAL CLIMATOLOGY BRANCH
 AF ETAC
 AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 1 1 LAJES AFB 71-80 700

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14 7-000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.10	≥.05	≥.02	≥.01	
NO CEILING																	
≥ 2000	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
IN 1800	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 1600	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 1400	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 1200	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 1000	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 800	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 700	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 600	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 500	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 450	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 400	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 350	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 300	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 250	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 200	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 180	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 150	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 120	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 100	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 80	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 60	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 40	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 20	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
IN 0	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5

TOTAL NUMBER OF OBSERVATIONS 699

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

CEILING VERSUS VISIBILITY

1 1 1
 STATION

LAJES AIR AD

STATION NAME

71-80

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21.7-23.0
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ 0
≥ 27000	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 18000	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 14000	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 12000	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 10000	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 9000	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 8000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 7000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 6000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 5000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 4500	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 4000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 3500	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	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	86.6
≥ 2000	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	87.3
≥ 800	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	88.5
≥ 1500	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
≥ 1200	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
≥ 1000	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	94.2
≥ 900	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	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
≥ 700	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
≥ 600	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	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	96.7
≥ 300	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	97.1
≥ 200	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	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	97.9
≥ 0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 507

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

CEILING VERSUS VISIBILITY

1-1 LAWS AFB

71-80

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 2000		24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 1800 ≥ 1500		30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 1400 ≥ 1200		31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 1000 ≥ 900		32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 800 ≥ 700		37.2	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 600 ≥ 500		37.3	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 450 ≥ 400		50.5	50.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 350 ≥ 300		77.6	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
≥ 250 ≥ 200		86.7	87.2	87.6	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4
≥ 80 ≥ 150		91.6	91.9	92.5	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 120 ≥ 100		92.9	94.6	95.6	97.1	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 90 ≥ 80		93.2	94.9	95.9	97.5	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 70 ≥ 60		93.7	95.4	96.5	98.2	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 50 ≥ 40		93.9	95.7	96.8	98.7	98.7	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 30 ≥ 20		93.9	95.8	96.9	98.8	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10 ≥ 0		93.9	95.8	96.9	98.8	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7189

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AP AZ

71-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

196-017
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0	≥ 0
NO CEILING ≥ 2000	72.2	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 1800 ≥ 1500	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 4000 ≥ 2000	72.2	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 10000 ≥ 9000	33.4	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 8000 ≥ 7000	35.7	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 6000 ≥ 5000	35.3	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 4500 ≥ 4000	36.4	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 3500 ≥ 3000	49.9	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 2500 ≥ 2000	81.5	82.3	82.5	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500 ≥ 1000	90.4	91.3	91.5	92.1	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800 ≥ 600	91.8	92.5	92.7	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500 ≥ 400	94.7	97.1	97.2	98.6	98.6	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300 ≥ 200	94.9	97.2	97.5	99.2	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	94.9	97.2	97.5	99.2	99.2	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 _____

LOCAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 1711

STATION NAME
 LAJES AFB

YEARS
 71-80

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

197-0500
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1.0	≥ 1.5	≥ 2.0	≥ 2.5	≥ 3.0	≥ 4.0	≥ 5.0	≥ 6.0	≥ 7.0	≥ 8.0	≥ 9.0	≥ 10.0
NO CEILING ≥ 2000		28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 1800		30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 1600		30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 1400		30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 1200		30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 1000		31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 900		31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 800		33.8	33.8	33.8	33.8	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 700		34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 6000		34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 5000		34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 4500		35.1	35.1	35.1	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 4000		47.6	47.6	47.6	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 3500		80.9	81.4	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000		89.9	89.9	91.2	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500		89.2	90.2	91.5	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000		90.1	91.2	92.5	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800		91.9	92.7	93.3	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500		92.9	94.1	95.4	96.3	96.3	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200		94.8	95.4	97.3	98.4	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		94.8	96.1	97.7	99.1	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		94.8	96.1	97.7	99.1	99.1	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		94.9	96.2	97.8	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		94.9	96.2	97.8	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		94.9	96.2	97.8	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		94.9	96.2	97.8	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		94.9	96.2	97.8	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.9	96.2	97.8	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.9	96.2	97.8	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.9	96.2	97.8	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.9	96.2	97.8	99.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 974

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AP AZ
 STATION NAME

71-80
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-0800
 HOURS (L.S.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 ≥ 2000		26.8	26.7	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	27.0	27.0	27.0
≥ 1800 ≥ 1500		26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 1400 ≥ 1200		26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 1000 ≥ 900		29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 800 ≥ 700		32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 600 ≥ 500		32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 450 ≥ 400		43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 350 ≥ 300		82.2	82.5	82.8	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4
≥ 250 ≥ 200		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 180 ≥ 150		91.0	91.6	92.4	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 120 ≥ 100		94.1	95.2	95.9	98.5	98.5	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 90 ≥ 80		94.5	95.6	96.3	99.0	99.0	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7
≥ 70 ≥ 60		94.5	95.6	96.3	99.0	99.0	99.0	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 50 ≥ 40		94.5	95.6	96.3	99.0	99.0	99.0	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 30 ≥ 20		94.5	95.6	96.3	99.0	99.0	99.0	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 10 0		94.5	95.6	96.3	99.0	99.0	99.0	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

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

CEILING VERSUS VISIBILITY

1101
 STATION

LAJES AIR AFB
 STATION NAME

71-80
 YEARS

PERIOD
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
 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	≥ 1/16	≥ 0
NO CEILING		21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
≥ 2000		30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 1800		30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 1600		30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 1400		30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 1200		30.5	31.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 1000		31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 900		31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 800		38.1	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 700		38.2	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 600		38.3	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 500		38.5	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 450		39.8	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 400		51.4	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 350		79.8	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 300		86.5	87.2	87.5	87.7	87.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 250		87.0	87.7	88.1	88.3	88.3	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 200		88.6	89.4	89.7	89.9	89.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800		88.6	89.4	89.7	90.0	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500		92.8	94.2	94.8	95.7	95.7	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200		93.9	95.0	96.1	97.2	97.3	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000		93.9	95.0	96.1	97.3	97.5	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900		94.0	95.6	96.2	97.5	97.7	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800		94.0	95.6	96.2	97.6	97.8	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		94.0	95.6	96.2	97.6	97.8	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		94.0	95.6	96.2	97.6	97.8	98.6	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		94.0	95.6	96.2	97.6	97.8	98.6	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		94.0	95.6	96.2	97.6	97.8	98.6	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		94.0	95.6	96.2	97.6	97.8	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		94.0	95.6	96.2	97.6	97.8	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		94.0	95.6	96.2	97.6	97.8	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		94.0	95.6	96.2	97.6	97.8	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

67

3
 FEDERAL CLIMATOLOGY BRANCH
 US AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 271

LAJES AB AZ

71-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-1980
 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	≥ 1/2	≥ 0	
NO CEILING ≥ 20000		19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 18000 ≥ 6000		30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 1400 ≥ 2000		31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 10000 ≥ 9000		32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 8000 ≥ 7000		40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 6000 ≥ 5000		40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 4500 ≥ 4000		41.9	41.9	41.9	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 3500 ≥ 3000		54.4	55.1	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 2500 ≥ 2000		79.7	80.3	80.3	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
≥ 800 ≥ 1500		86.2	86.7	86.7	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
≥ 900 ≥ 800		86.5	87.3	87.4	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200 ≥ 1000		87.6	87.6	87.7	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900 ≥ 800		92.5	93.3	93.7	95.0	95.2	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700 ≥ 600		94.2	95.1	95.6	96.9	97.1	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500 ≥ 400		94.3	95.2	95.7	97.0	97.2	97.7	97.7	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300 ≥ 200		94.5	95.5	95.9	97.2	97.4	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100 ≥ 0		94.7	95.7	96.1	97.5	97.7	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
		94.7	95.7	96.1	97.6	97.8	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		94.7	95.8	96.2	97.8	98.1	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
		94.7	95.9	96.3	97.9	98.2	98.8	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		94.5	96.0	96.4	98.1	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
		94.8	96.0	96.4	98.1	98.3	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		94.8	96.0	96.4	98.1	98.3	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		94.8	96.7	96.4	98.1	98.3	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 271

ANNUAL CLIMATOLOGY BRANCH
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2 1
 STATION

LAJES AP AE
 STATION NAME

71-85
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1905-1977
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	
NO CEILING ≥ 20000	17.4	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
≥ 18000	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 16000	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 14000	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 12000	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 10000	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 9500	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 8000	34.9	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 7000	34.8	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 6000	35.0	35.2	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 5000	35.1	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 4500	36.0	36.4	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 4000	43.4	49.0	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 3500	78.0	78.7	79.2	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	83.1	84.0	84.7	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	83.7	84.7	85.3	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	84.5	85.4	86.2	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	85.4	86.7	87.5	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	90.9	92.8	93.6	95.1	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	92.4	94.3	95.1	96.9	96.9	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	92.4	94.4	95.3	97.0	97.0	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	92.7	94.6	95.5	97.5	97.5	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	92.7	94.6	95.5	97.5	97.5	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	92.8	94.8	95.7	97.7	97.7	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	93.0	95.0	95.9	98.0	98.0	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	93.0	95.0	95.9	98.1	98.1	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	93.0	95.0	95.9	98.1	98.1	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	93.0	95.0	95.9	98.1	98.1	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	93.0	95.0	95.9	98.1	98.1	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	93.0	95.0	95.9	98.1	98.1	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ U	93.0	95.0	95.9	98.1	98.1	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 977

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 0 1

LAJES AB AZ

71-80

010

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1951
 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 ≥ 20000		22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	
IV 18000		29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	
IV 16000		29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	
IV 14000		29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	
IV 12000		29.8	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	
IV 10000		30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	
IV 9000		30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	
IV 8000		35.0	35.0	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
IV 7000		35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	
IV 6000		35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	
IV 5000		35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	
IV 4500		35.4	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	
IV 4000		47.5	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	
IV 3500		79.8	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
IV 3000		86.3	86.3	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
IV 2500		86.9	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
IV 2000		87.4	88.3	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
IV 1800		87.8	89.6	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
IV 1500		92.1	93.6	94.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
IV 1200		93.4	94.9	95.6	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
IV 1000		93.6	95.2	95.9	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
IV 900		93.7	95.4	96.1	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
IV 800		93.7	95.4	96.1	97.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
IV 700		93.4	95.5	96.2	97.6	97.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
IV 600		94.2	95.8	96.7	98.4	98.5	99.0	99.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	
IV 500		94.2	95.8	96.7	98.4	98.6	99.1	99.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	
IV 400		94.2	95.8	96.7	98.4	98.6	99.1	99.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	
IV 300		94.2	95.8	96.7	98.5	98.7	99.2	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	
IV 200		94.2	95.8	96.7	98.5	98.7	99.2	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	
IV 100		94.2	95.8	96.7	98.5	98.7	99.2	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	
IV 0		94.2	95.8	96.7	98.5	98.7	99.2	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 425

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

CEILING VERSUS VISIBILITY

1971

LAJES AB AZ

71-87

760

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11 7-2300
 HOURS (L.M.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 ≥ 2000	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 1800 ≥ 6000	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 1400 ≥ 2000	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 1000 ≥ 900	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 800 ≥ 700	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 600 ≥ 500	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 450 ≥ 400	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 350 ≥ 300	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 250 ≥ 200	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 180 ≥ 150	48.7	48.8	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	49.0
≥ 100 ≥ 0	82.2	82.4	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	89.8	90.7	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	90.3	91.4	91.7	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
≥ 1800	90.7	91.8	92.1	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	94.0	95.2	95.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	95.2	96.5	96.9	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	95.5	96.8	97.1	99.1	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	95.8	96.9	97.2	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.7	97.0	97.3	99.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	95.8	97.1	97.4	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.8	97.1	97.4	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.8	97.1	97.4	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.8	97.1	97.4	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.8	97.1	97.4	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.8	97.1	97.4	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.8	97.1	97.4	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.8	97.1	97.4	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 724

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

CEILING VERSUS VISIBILITY

1721
 STATION

LAJES AP AZ
 STATION NAME

71-80
 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	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 18000	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 16000	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 14000	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 12000	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.7	30.7
≥ 10000	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5
≥ 9000	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7
≥ 8000	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0
≥ 7000	35.9	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 6000	35.9	36.0	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 5000	36.0	36.2	36.2	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 4500	36.8	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 4000	49.6	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	50.2	50.2
≥ 3500	80.5	81.1	81.4	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 3000	87.3	88.2	88.6	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	87.7	88.6	89.0	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	88.5	89.5	90.0	90.8	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	89.0	90.0	90.6	91.4	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	92.7	94.7	94.7	96.0	96.1	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	94.1	95.6	96.2	97.8	97.8	97.8	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 1000	94.2	95.6	96.5	98.1	98.2	98.2	98.2	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 900	94.3	95.8	96.6	98.3	98.4	98.4	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	94.4	95.9	96.6	98.4	98.5	98.5	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 700	94.4	95.9	96.7	98.5	98.5	98.5	98.5	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 600	94.5	96.0	96.8	98.6	98.7	98.7	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 500	94.5	96.1	96.8	98.6	98.7	98.7	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	94.5	96.1	96.8	98.6	98.7	98.7	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	94.5	96.1	96.8	98.7	98.7	98.7	98.7	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	94.5	96.1	96.8	98.7	98.7	98.7	98.7	99.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	94.5	96.1	96.8	98.7	98.7	98.7	98.7	99.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	94.5	96.1	96.8	98.7	98.7	98.7	98.7	99.2	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7421

FEDERAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

1721 LAJES AR 42 71-81 ALL
 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	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ 0
NO CEILING		71.4	31.4	71.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 2000		37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 1800		37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 1600		37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 1400		37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 1200		38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 1000		39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 900		39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 800		42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 700		42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 600		42.9	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 500		43.0	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 450		43.5	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 400		56.8	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3500		82.4	82.8	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000		88.4	89.0	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
≥ 2500		89.9	89.5	89.8	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000		90.6	90.3	90.7	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800		89.9	90.6	91.0	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500		93.7	94.7	94.5	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		94.3	95.4	96.1	97.2	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000		94.7	95.9	96.6	97.9	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 900		94.8	96.7	96.7	98.0	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		95.0	96.2	96.9	98.3	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 700		95.1	96.3	97.0	98.4	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		95.2	96.4	97.1	98.6	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 500		95.2	96.5	97.2	98.7	98.8	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400		95.2	96.5	97.2	98.7	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300		95.2	96.5	97.2	98.8	98.9	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200		95.2	96.5	97.2	98.8	98.9	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100		95.2	96.5	97.2	98.8	98.9	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0		95.2	96.5	97.2	98.8	98.9	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6757

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

19201 LAS VEGAS AM AZ

73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	.8	6.0		5.1	8.3	5.6	10.2		13.5	29.3	21.1	7.3	2521
FEB		.9	5.1		4.8	7.6	5.8	10.2		14.6	23.9	27.1	7.4	2283
MAR		1.0	4.7		5.2	7.4	5.6	8.3		13.5	26.8	27.6	7.5	2295
APR		.7	3.3		4.6	6.5	5.8	8.1		10.4	28.2	32.5	7.6	2178
MAY		1.1	5.8		6.9	8.8	8.6	9.2		13.0	27.1	19.5	7.0	2247
JUN		1.1	7.6		7.0	7.3	6.4	8.0		10.9	24.2	27.5	7.2	2183
JUL		2.1	12.4		8.4	10.4	8.1	9.5		13.4	21.9	14.8	6.2	2175
AUG		4.8	15.3		11.4	12.0	8.7	9.0		11.9	18.3	9.7	5.4	2190
SEP		3.4	11.6		9.2	11.8	7.8	10.6		13.5	19.6	12.6	6.0	2089
OCT		.8	7.0		6.5	10.2	7.4	10.4		14.8	25.2	17.8	6.9	2177
NOV		.9	5.2		5.3	7.4	7.6	8.6		12.3	25.6	27.2	7.4	2117
DEC		.6	4.8		4.6	8.0	5.9	10.6		15.0	27.5	23.1	7.4	2151
TOTALS		1.5	7.4		6.6	8.8	6.9	9.3		13.1	24.8	21.6	7.0	26606

USAFETAC

FORM 0-9-5 (OL A)
 JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

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.

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 17231 LAJES AB AZ STATION NAME

DAILY TEMPERATURES

44-81 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS) MAXIMUM

TEMP °F.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45							.1		.1				.2
50						.2	7.1	17.4	6.0	.4			2.8
55					.9	12.5	45.0	71.3	51.9	10.4	.5		16.1
60	.2		.9	2.3	16.8	56.9	93.9	98.8	93.4	55.1	12.2	1.7	36.2
65	15.5	11.5	18.5	32.9	66.9	96.0	100.0	100.0	100.0	94.9	62.2	33.4	61.2
70	73.1	66.2	74.4	90.3	98.9	100.0				100.0	97.3	84.9	91.5
75	97.7	97.0	98.9	99.7	100.0						100.0	99.6	99.4
80	100.0	100.0	100.0	100.0								100.0	100.0
85													
90													
95													
100													
MEAN	61.5	61.7	61.6	63.1	66.1	73.3	74.2	76.3	74.6	70.0	65.7	62.9	67.2
S D	3.174	3.280	3.241	3.113	3.354	3.456	3.350	3.064	3.301	3.394	3.370	3.269	3.317
TOTAL OBS	1147	1016	1116	1080	1116	1069	1116	1116	1080	1147	1080	1116	13199

3

FEDERAL BUREAU OF SURVEY
 WEATHER SERVICE
 STATION 121 LAUREL AFB TX STATION NAME

44-51

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

TEMP °F.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60								0.4	0.2				0.0
65						0.6	5.2	14.7	30.9	1.0	0.1		2.6
70				0.1	1.3	15.2	49.0	66.6	51.6	22.1	0.7	1.1	17.9
75	9.6	5.4	7.3	7.5	20.1	65.5	90.5	94.1	89.2	69.7	39.9	19.7	43.8
80	42.7	30.5	39.2	54.6	75.3	92.9	99.9	99.9	99.1	94.1	79.4	60.7	73.1
85	81.0	76.3	81.4	91.0	97.1	99.0	100.0	100.0	100.0	99.7	96.4	90.3	92.9
90	96.4	94.0	98.4	99.4	100.0	100.0				100.0	100.0	98.9	99.0
95	100.0	100.0	100.0	100.0								100.0	100.0
100													
105													
110													
115													
120													
125													
130													
135													
140													
145													
150													
155													
160													
165													
170													
175													
180													
185													
190													
195													
200													
MEAN	53.4	52.6	53.2	54.5	56.3	61.6	64.2	65.9	64.5	61.3	58.1	55.4	58.4
S D	4.596	4.596	4.150	3.668	3.749	3.970	3.497	3.780	4.025	4.310	4.551	4.561	4.170
TOTAL OBS	1147	1016	1116	1080	1116	1069	1116	1116	1080	1147	1080	1116	13199

AD-A113 227

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
LAJES AB, AZORES. REVISED UNIFORM SUMMARY OF SURFACE WEATHER OB--ETC (U)
NOV 81

UNCLASSIFIED

USAFETAC/DS-81/103

SBI-AD-E850 143

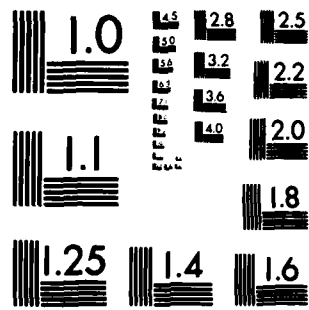
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4 of 5

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13227



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

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.

AIR WEATHER SERVICE/MAC

10201 LAJES AFB AC STATION NAME

44-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70						0.2	5.0	13.0	21.0	28.0	34.0	39.0	43.0
75					0.4	10.8	47.6	73.4	82.5	88.3	91.3	93.0	94.7
80	2.3	0.3	1.3	3.0	18.1	62.1	95.6	98.8	99.4	99.9	99.9	99.9	99.9
85	29.9	27.1	30.4	43.7	76.0	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
90	79.9	74.7	81.5	93.1	99.3	100.0							
95	99.9	98.1	99.6	99.8	100.0								
100	100.0	100.0	100.0	100.0									
MEAN	57.5	56.9	57.6	57.0	61.7	65.6	69.4	71.2	69.7	65.7	62.1	59.4	63.0
SD	3.529	3.508	3.318	2.966	3.174	3.269	2.958	2.940	3.208	3.460	3.582	3.498	5.965
TOTAL OBS	1147	1016	1116	1080	1116	1069	1116	1116	1080	1147	1080	1116	13199

USAFETAC FORM 04 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12201 LAJES AB AZ 44-21
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44	70*	69	72	73	74	75	78	81	82	76	73	70	82
45	60	69	69	73	72	78	82	82	81	76			
46										73	71	69	
47	67	67	72	68	76	76	78	81	81	79	75	70	61
48	67	66	68	69	75*	77	82	83	81	76	73	65	83
49	65	69	68	68	75*	79	80	82	78	75	75	69	82
50	66		68	71	71	79	83	83	82	75	75	66	
51	66	68	67	70	74	79	79	83	84	80	70	71	64
52	65	67	70	69	72	77	79	83	78	77	72	68	83
53	65	64	65	69	70	75	83	83	83	77	73	64	83
54	65	68	68	69	70	77	77	83	81	78	70	72	83
55	67	67	66	70	73	78	80	83	80	76	73	69	83
56	66	65	68	65	70	75	82	84	80	72	71	63	84
57	67	69	67	70	74	77	75	80	79	75	71	66	87
58	65	67	69	66	69	78	84	82	78	75	70	71	94
59	68	64	68	69	72	80	76	81	80	74	71	70	81
60	66	67	67	68	71	75	80	82	81	76	72	69	82
61	69	67	67	74	72	73	80	84	86	76	70	68	66
62	65	66	66	68	70	77	80	78	81	74	69	66	81
63	68	68	65	69	69	75	79	78	78	79	69	69	79
64	65	65	65	67	72	72	80	78	77	74	71	67	80
65	68	65	69	71	75	80	79	81	83	77	70	72	83
66	67	67	67	69	70	75	77	83	80	76	68	66	83
67	66	69	70	67	75	76	81	83	84	83	74	70	84
68	67	67	65	67	72	78	79	83	81	76	71	65	83
69	67	62	63	68	71	76	82	81	83	80	72	70	83
70	67	65	64	70	70	74	82	83	83	76	74	68	83
71	70*	65	67	71	71	77	81	79	77	76	70	67	81
72	65	63	68	70	76	79	85	82	78	71	71	66	85
73	66	62	69	68	71	75	78	82	83	78	71	69	82
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

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

17201 LAJES AP AZ 44-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44	45*	46	48	48	50	52	57	58	57	56	50	48	45
45	46	48	48	43	47	52	53	61	56	51			
46										51	46	46	
47	40	46	49	45	45	49	57	57	53	52	54	50	42
48	46	40	46	46	51*	52	56	56	59	52	52	47	43
49	45	47	43	47	51*	54	59	58	56	50	51	42	42
50	42		47	46	48	51	57	58	56	55	45	49	
51	48	45	43	50	48	54	59	63	57	53	53	45	43
52	42	50	47	49	52	56	60	60	62	51	53	45	43
53	45	43	45	45	50	58	63	64	61	54	50	43	43
54	43	44	45	46	51	54	55	57	61	58	50	48	43
55	48	48	44	50	54	55	63	64	62	56	50	48	46
56	45	49	48	52	49	55	61	61	58	57	56	49	45
57	43	40	46	45	51	55	58	63	61	53	50	45	43
58	48	48	45	49	54	55	55	61	58	57	48	43	43
59	45	44	44	46	53	57	56	56	55	51	49	48	44
60	43	41	42	47	50	49	56	58	56	55	45	42	41
61	44	44	44	48	48	50	58	61	54	53	50	46	46
62	43	42	48	45	50	55	58	58	54	55	49	44	42
63	44	43	45	43	47	51	58	55	60	57	47	44	43
64	42	43	43	42	47	51	55	56	52	47	51	48	42
65	44	43	45	50	52	55	57	58	59	53	46	46	43
66	42	43	46	47	45	51	60	58	59	51	52	45	42
67	49	41	45	51	49	56	59	60	60	51	52	50	41
68	44	46	47	44	48	51	55	55	50	53	46	43	43
69	47	41	41	43	48	52	57	60	53	55	46	42	41
70	46	44	48	46	48	53	59	59	55	56	46	44	46
71	45*	47	45	47	47	50	56	56	58	47	49	43	43
72	43	41	45	49	49	58	61	60	53	51	53	48	41
73	46	42	44	46	48	51	57	60	57	51	51	51	42
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17201 LAJES AB AZ 44-51
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	42	41	44	46	51	53	55	55	57	53	48	48	41
75	42	42	50	48	48	53	59	57	57	53	46	48	42
76	46	44	46	48	48	46	57	54	55	51	48	46	44
77	48	44	46	48	51	55	55	57	59	51	51	46	44
78	46	44	44	48	51	50	55	60	60	57	51	42	42
79	42	42	46	50	50	48	55	59	61	50	54	50	42
80	41	43	41	45	50	54	57	61	57	52	45	46	41
81	45	43											
MEAN	44.6	43.8	45.4	46.9	49.4	52.8	57.4	58.7	57.2	52.9	49.5	46.1	42.4
S.D.	2.352	2.614	2.127	2.412	2.196	2.879	2.335	2.603	3.000	2.742	2.923	2.572	1.302
TOTAL OBS	1147	1016	1116	1080	1116	1.69	1116	1116	1080	1147	1080	1116	13199

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

3

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 METEOROLOGICAL SERVICE

PSYCHROMETRIC SUMMARY

STATION 17201 LAJES AP AZ STATION NAME 72-81 YEARS JAN
 MONTH JAN
 PAGE 1 0000-0200
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		.3	.2																5	5															
64/ 63		1.8	1.9	1.1	.1														46	46	3														
62/ 61		2.9	4.9	2.2	.8	.1													101	101	29	7													
60/ 59	.1	7.3	7.4	4.4	1.4	.1													193	193	54	48													
58/ 57	.4	5.8	6.5	3.9	1.6	.3	.1												173	173	138	69													
56/ 55	.3	3.0	4.6	5.6	.8														133	133	131	106													
54/ 53	.6	2.7	5.6	3.4	1.4														128	128	141	101													
52/ 51	.6	3.0	3.0	1.2	.3														76	76	123	115													
50/ 49	.2	1.4	.8	.3															25	25	162	60													
48/ 47	.4	1.1	.6	.3															23	23	74	112													
46/ 45		.8	.6																13	13	42	105													
44/ 43		1.1	.1																11	11	23	71													
42/ 41		.3																	3	3	9	67													
40/ 39																					1	27													
38/ 37																						11													
36/ 35																						9													
34/ 33																						2													
TOTAL	2.8	31.5	36.3	22.4	6.3	.5	.1													930	930	930	930												

Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5928217	73561	79.1	10.867	930							93
Dry Bulb	2966584	52372	56.3	4.316	930							93
Wet Bulb	2615813	49145	52.8	4.497	930							93
Dew Point	2331495	46261	49.7	5.714	930							93

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1971 LAJES AB AZ 72-81 JAN. 1971
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
65/65		.3	.1																															4	4	1		
64/63		1.7	2.2	.9																														44	44	5	1	
62/61		3.8	3.2	2.0	.4																													98	88	33	9	
60/59	.5	5.7	8.5	2.6	1.0	.3																												173	173	54	50	
58/57	.3	4.5	5.7	6.3	1.0	.2																												168	168	98	71	
56/55	.9	4.8	4.3	5.9	1.5																													162	162	139	65	
54/53	1.1	2.5	5.4	3.1	1.2	.1																												124	124	136	140	
52/51	.3	2.5	3.5	1.1	.3																													72	72	136	91	
50/49	.5	1.4	2.3	.3																														42	42	160	82	
48/47	.2	1.3	1.1	.1																														25	25	84	94	
46/45	.1	1.3	.2																															15	15	52	141	
44/43		.9	.2																															10	10	20	60	
42/41		.3																																3	3	9	75	
40/39																																					3	23
38/37																																						17
36/35																																						9
34/33																																						1
32/31																																						1
TOTAL	4.0	31.0	36.7	22.4	5.4	.6																													930	930	930	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5971714	73814	79.4	1.034	930							93
Dry Bulb	2935866	52098	56.0	4.324	930							93
Wet Bulb	2592227	48015	52.6	4.576	930							93
Dew Point	2313577	46067	49.5	5.839	930							93

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 72-61 JAN 1960
 STATION NAME YEARS

PAGE 1 0600-0800
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 65		.5	.2															7	7	1															
64/ 63		1.3	2.3	.8	.1	.1												42	42	6	1														
62/ 61		2.6	4.2	2.2	.3													96	86	22	9														
60/ 59	.1	5.2	9.4	2.7	1.5	.3												178	178	54	37														
58/ 57	1.0	4.1	7.2	6.5	1.1													184	184	109	73														
56/ 55	.4	3.3	3.8	5.5	1.6	.1												137	137	133	74														
54/ 53	.5	3.3	4.9	2.2	1.2													113	113	137	113														
52/ 51	.3	2.7	4.7	1.5														86	86	145	113														
50/ 49	.2	2.4	2.3															45	45	146	75														
48/ 47	.4	.9	.6	.1														19	19	98	111														
46/ 45	.1	1.6	.3	.1														20	20	49	138														
44/ 43	.1	.5	.5															11	11	17	71														
42/ 41		.1	.1															2	2	9	71														
40/ 39																				3	20														
38/ 37																				1	15														
36/ 35																					8														
34/ 33																					1														
TOTAL	3.2	28.5	40.5	21.4	5.8	.5												930	930	930	930														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	5902908	73432	79.0	10.620	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	2936364	52098	56.0	4.386	930							93																							
Wet Bulb	2585119	48853	52.5	4.506	930							93																							
Dew Point	2300305	45957	49.4	5.615	930							93																							

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

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

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 72-81 JAN 1990-1100
 STATION MONTH YEARS HOURS U.S.T.
 PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		.3	.9	.4														15	15																
64/ 63		1.3	2.7	3.1	.4													70	70	4															
62/ 61		3.9	6.2	2.7	1.1	.1												130	130	27	4														
60/ 59	.2	7.4	11.1	5.9	3.4	.5												266	266	92	57														
57/ 57	.1	4.2	5.9	6.2	2.9													180	180	149	97														
56/ 55	1.0	2.6	3.0	6.5	1.4	.4												138	138	170	112														
54/ 53		2.0	2.7	1.8	1.0													70	70	134	114														
52/ 51		1.1	1.8	.6														33	33	140	116														
50/ 49		.9	.5	.1														14	14	133	62														
48/ 47		.4	.1	.1	.1													7	7	44	98														
46/ 45		.2	.1															3	3	28	114														
44/ 43		.2	.1															3	3	4	70														
42/ 41		.1																1	1	3	53														
40/ 39																				2	17														
37/ 37																					7														
36/ 35																					6														
34/ 33																					1														
TOTAL	1.3	24.6	35.2	27.5	10.3	1.1													930	930	930														
																		930		930															

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5579393	71323	76.7	10.858	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3130034	53244	57.9	3.689	930							93
Wet Bulb	2716598	50118	53.9	4.114	930							93
Dew Point	2394232	46908	50.4	5.515	930							93

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 72-81 JAN 1954
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
70/ 69				.2	.1													3	3			
68/ 67				.1	.3													4	4			
66/ 65		.4	1.5	2.0	.2													39	39			
64/ 63		1.0	5.4	5.8	1.9	.2												133	133	11		
62/ 61	.1	2.8	8.7	6.9	3.9	.2												210	210	59	9	
60/ 59	.2	4.5	7.7	11.1	8.7	.9												307	307	111	68	
58/ 57	.1	2.2	2.8	5.3	1.6	.3												114	114	167	101	
56/ 55		.9	1.7	3.9	2.4	.4												86	86	194	120	
54/ 53	.1	.5	.5	.5	.1													17	17	137	100	
52/ 51		.4	.6	.1	.1													12	12	140	130	
50/ 49	.1			.2														3	3	65	75	
48/ 47				.2														2	2	35	93	
46/ 45																				6	115	
44/ 43																				3	52	
42/ 41																				2	42	
40/ 39																					11	
38/ 37																					7	
36/ 35																					6	
34/ 33																					1	
TOTAL	.6	12.7	29.0	36.3	19.4	1.9													930	930	930	
																			930		930	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5046768	67778	72.9	10.739	930	≤ 0	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3344928	55692	59.9	3.260	930			.7				93
Wet Bulb	2834212	51216	55.1	3.840	930							93
Dew Point	2442462	47394	51.0	5.411	930							93

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 72-81 JAN 1500-1700
 STATION NAME YEARS MONTH HOURS

PAGE 1 1500-1700 HOURS U.S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
70/ 69			.1																														1	1					
67/ 67			.1	.1																														2	2				
66/ 65		.3	1.4	.8	.2																													25	25		1		
64/ 63		1.3	4.9	6.2	.8	.2																												125	125		6		
62/ 61	.1	2.7	8.9	5.7	3.1	.1																												192	192		52		
60/ 59	.4	5.1	10.8	10.6	5.6	.5																												307	307		95		
57/ 57	.1	1.5	4.4	6.0	3.5	.2	.1																											148	148		189		
57/ 55		.8	1.1	4.7	2.3	.3																												85	85		183		
54/ 53	.1	.5	.9	.3	.8																													24	24		144		
52/ 51		.6	.6	.2	.2																													16	16		113		
50/ 49			.1	.2																														3	3		95		
48/ 47		.1	.1																															2	2		32		
46/ 45																																					17		
44/ 43																																					2		
42/ 41																																					1		
41/ 39																																							
37/ 37																																							
35/ 35																																							
34/ 33																																							
TOTAL	.8	12.9	33.3	35.1	16.5	1.4	.1																													930	930		930
Element (X)		ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.		5112355	68273	73.4	10.391	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb		3299547	55315	59.5	3.197	930			.3																														
Wet Bulb		2806498	50960	54.8	3.897	930																																	
Dew Point		2426534	47242	50.8	5.466	930																																	

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

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

PSYCHROMETRIC SUMMARY

1721 LAJES AR AZ

72-81

JAN
 1950

STATION

STATION NAME

YEARS

PAGE 1 1000-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/67					.1													1	1																
66/65		.3	.6	.2														11	11																
64/63		1.1	2.3	1.3														43	43	5															
62/61	.3	3.7	7.6	1.8	1.3													137	137	27	9														
60/59	.1	7.2	10.4	5.5	1.4	.1												230	230	69	49														
58/57	.3	4.9	8.0	5.7	1.8	.2												195	195	154	81														
56/55	.2	3.4	4.4	7.3	1.2	.1												155	155	163	110														
54/53	.6	1.0	3.0	3.3	1.6													99	89	156	126														
52/51		.9	2.6	.5	.1	.2												40	40	116	119														
50/49		.1	.4	.4		.1												10	10	126	65														
48/47		.6	.5															11	11	64	66														
46/45		.2	.4															6	6	32	86														
44/43		.2																2	2	12	71														
42/41																				4	67														
40/39																					26														
38/37																					9														
36/35																					3														
34/29																					7														
TOTAL	1.6	23.7	40.3	26.1	7.5	.8													930	930	930														
Element (X)	Z _X '	Z _X	X	% _X	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	5654709	71871	77.3	0.400	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb	3081052	53420	57.4	3.677	930			.1				93																							
Wet Bulb	2689718	49860	53.6	4.224	930							93																							
Dew Point	2376222	46714	50.2	5.661	930			.3				93																							

3

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 72-81 JAN
 STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS 11507

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77/69			.0	.0	.0													4	4																
67/67			.0	.0	.1													9	9																
65/65		.4	.7	.4	.1													119	119	3															
63/63		1.4	3.0	2.5	.4	.1												552	552	50															
61/61	.1	3.3	6.1	3.3	1.4	.1												1063	1063	276	69														
59/59	.2	6.1	9.2	5.8	3.0	.3												1841	1841	608	427														
57/57	.3	4.0	6.0	5.6	2.0	.2	.0											1352	1352	1143	651														
55/55	.4	2.7	3.4	5.6	1.6	.2												1029	1029	1257	796														
53/53	.5	2.0	3.3	2.2	1.1	.0												676	676	1130	938														
51/51	.2	1.6	2.6	.8	.2	.0												399	399	1045	945														
49/49	.1	.9	1.0	.3	.0	.0												169	169	1004	636														
47/47	.1	.6	.5	.2	.0													107	107	494	767														
45/45	.0	.6	.3	.0														65	65	276	891														
43/43	.0	.5	.1															46	46	97	516														
41/41		.1	.0															9	9	47	472														
39/39																				9	174														
37/37																					1	87													
35/35																						55													
33/33																						9													
31/31																						1													
29/29																						4													
TOTAL	2.1	24.1	36.3	26.6	9.9	.9	.0													7440		7440													

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	45025793	573039	77.0	10.935	7440	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	24725303	427791	57.5	4.145	7440			1.3				744
Wet Bulb	21504518	398666	53.6	4.374	7440							744
Dew Point	18956647	373185	50.2	5.656	7440			.5				744

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

13291 LAJES AB AZ 72-61 FEB

STATION STATION NAME YEARS MONTH
 PAGE 1 5000-0200
NO. 95 U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
67/65			.1																													1	1				
64/63	.4	4.9	1.2	.2																												57	57	3	3		
62/61		4.1	2.8	.5																												63	63	52	9		
60/59	.5	4.2	8.0	2.2	.2																											129	129	51	74		
58/57	.7	7.5	6.5	3.3	.4	.1																										157	157	75	46		
56/55	.5	3.9	3.5	5.2	1.2																												121	121	129	84	
54/53	.4	2.5	6.2	3.2	2.2																												123	123	108	94	
52/51	.1	2.2	6.2	2.2	.2																												94	94	82	74	
50/49	.1	.5	2.2	.1																													25	25	130	65	
48/47		2.5	1.6	.6	.6																												45	45	101	68	
46/45		1.4	.6	.2																													19	19	76	84	
44/43		.2	.8	.2																													11	11	18	104	
42/41		.2	.2																														4	4	15	74	
40/39																																			8	33	
38/37																																			1	20	
36/35																																				10	
34/33																																				6	
32/31																																				1	
TOTAL	2.6	34.3	40.2	18.0	4.8	.1																												849	849	849	849

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5484862	67670	79.7	10.370	849	0 F	32 F	67 F	73 F	80 F	93 F	Total
Dry Bulb	2633127	47121	55.5	4.585	849							84
Wet Bulb	2340498	44360	52.2	5.174	849							84
Dew Point	2090543	41765	49.2	6.515	849				.1			84

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

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASH DC 20540
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17271 LAJES AB AZ 72-81 FEB 1972
 STATION STATION NAME YEARS

PAGE 1 0300-0500
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
65/65			.1																														1	1				
64/63	.4	4.4	.9																														48	48	5	4		
63/61	.5	4.7	2.4	.2	.4																												69	69	55	16		
62/59		4.8	8.6	2.1	.5																												136	136	43	68		
61/57	.4	8.0	5.1	2.8	.4																												141	141	73	35		
60/55	.5	5.1	3.7	5.4	.7																												130	130	133	68		
59/53	.4	2.8	7.1	3.8	1.9																												135	135	113	97		
58/51	.1	1.6	5.7	1.9																													79	79	79	67		
57/49		.6	2.7	.9	.1																												37	37	139	57		
49/47		1.4	1.6	.1	.2																												29	29	97	55		
48/45		2.0	.4	.5																													24	24	60	111		
47/43		.9	.9	.1																													17	17	24	103		
46/41		.1	.2																														3	3	21	60		
45/39																																				5	31	
38/37																																				2	22	
36/35																																				9		
34/33																																				5		
32/31																																				1		
TOTAL	2.1	36.5	39.3	17.9	4.1																														849	849	849	
Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Num.	5541821	68039	80.1	0.254	849	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																										
Dry Bulb	2627300	47068	55.4	4.592	849							84																										
Wet Bulb	2340774	44364	52.3	5.158	849							84																										
Dew Point	2097192	41838	49.3	6.466	849							84																										

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13201 LAJES AB AZ 72-81 FEB MONTH
 STATION STATION NAME YEARS

PAGE 1 0600-0800
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64/ 63		4.8	.8															48	48	3	2														
62/ 61	.5	3.2	3.7	.6	.2													69	69	54	19														
61/ 59	.6	4.4	6.8	2.8	.1													125	125	39	55														
60/ 57	.4	6.4	6.4	1.4	.4													126	126	73	37														
59/ 55	1.3	4.4	5.2	4.4	.8													136	136	123	84														
58/ 53	.1	3.4	5.9	4.6	1.5													132	132	126	89														
57/ 51	.1	2.2	5.1	2.2														82	82	83	94														
56/ 49	.1	.7	2.8	.7														37	37	119	64														
47/ 47	.2	1.9	1.6	.4														35	35	95	72														
46/ 45	.1	3.3	.2	.4														34	34	79	86														
44/ 43		1.3	.8	.1														19	19	31	84														
42/ 41		.5	.2															6	6	16	94														
41/ 39																				7	32														
37/ 37																				1	16														
35/ 35																					10														
34/ 33																					2														
TOTAL	3.4	36.4	39.6	17.6	3.1													849	849	849	849														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5613503	68509	80.7	10.527	849	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2599738	46802	55.1	4.823	849							64
Wet Bulb	2323230	44194	52.1	5.179	849							64
Dew Point	2086576	41746	49.2	6.322	849							64

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

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

PSYCHROMETRIC SUMMARY

STATION 1721 LAJES AIR AZ STATION NAME 72-81 YEARS FEB MONTH
 PAGE 1 0900-1100 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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			.4	.2														5	5																
64/ 63	.1	5.2	2.6	1.4	.1													80	80	8	2														
62/ 61	.2	4.2	7.1	2.0	.4													118	118	58	24														
60/ 59	.4	5.4	6.6	6.5	2.6	.2												184	184	95	57														
58/ 57	.7	4.0	5.5	4.8	2.2													147	147	136	66														
56/ 55	.8	2.4	3.5	7.1	1.5													130	130	107	104														
54/ 53	.5	.9	5.8	3.3	1.4													101	101	120	89														
52/ 51	.1	.9	2.8	1.6	.2													49	49	104	63														
50/ 49		.2	1.1	.4														14	14	146	73														
48/ 47	.2	.5	.6	.1														12	12	60	81														
46/ 45		.6	.5															9	9	44	105														
44/ 43																				9	61														
42/ 41																				2	73														
40/ 39																					22														
38/ 37																					6														
36/ 35																					3														
TOTAL	3.1	24.4	36.4	27.4	8.5	.2												849	849	849	849														
																					849		849												

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	5177993	65659	77.3	0.866	849							64
Dry Bulb	2804728	48680	57.3	3.992	849							64
Wet Bulb	2450607	45445	53.5	4.613	849							64
Dew Point	2164049	42559	50.1	6.011	849							64

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

17201 LAJES AB AZ 72-81 FF5
 STATION STATION NAME YEARS
 PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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					.4																				3	3									
68/ 67				.2	.1																				3	3									
66/ 65		.5	1.6	.7	.1	.1																			26	26									
64/ 63		5.9	4.2	4.6	1.3	.5																			140	140	12	6							
62/ 61	.5	2.7	8.4	4.4	3.7																				166	166	66	29							
60/ 59		3.2	5.9	9.1	4.5	.2																			194	194	76	54							
58/ 57	.6	1.4	1.9	7.1	4.7	.2																			135	135	155	81							
56/ 55	.5	1.9	2.2	6.6	1.3	.1																			107	107	111	112							
54/ 53		.5	1.6	1.6	1.1																				1	41	124	72							
52/ 51			1.4	1.1																					21	21	116	67							
50/ 49		.2	.4	.2	.1																				8	8	118	59							
48/ 47	.1	.1	.1																						3	3	33	92							
46/ 45		.2																							2	2	24	109							
44/ 43																												4	75						
42/ 41																													66						
40/ 39																													12						
38/ 37																													11						
36/ 35																													3						
TOTAL	1.6	16.6	27.8	35.6	17.2	1.2																					849	849	849	849					
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	4679402	62332	73.4	11.026	849	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb	2982736	50222	59.2	3.744	849			6				54																							
Wet Bulb	2540539	46291	54.5	4.419	849							54																							
Dew Point	2193216	42846	50.5	6.040	849							84																							

USAFETAC FORM JUN 71 0 26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1701 LAJES AB AZ 72-81 FEB
STATION MONTH

PAGE 1 1500-1700
HOURS U.S. EST.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 69				.4	.2													2	2																
6 / 67				.5	.1													4	4																
6 / 65		.2	1.1	.5														15	15																
4 / 63	.2	4.6	4.1	4.5	.5													118	118	14	6														
2 / 61	.2	2.5	7.8	3.4	2.7													141	141	53	20														
2 / 59	.2	3.7	7.4	8.8	5.1	.1												215	215	82	51														
3 / 57	.7	1.4	3.2	8.7	3.4													148	148	142	73														
5 / 55	.1	1.9	2.7	6.7	2.1	.1												116	116	115	108														
5 / 53	.2	.7	.7	3.1	.7													46	46	121	71														
2 / 51	.1	.4	1.3	.8	.2													24	24	135	79														
2 / 49		.1	.2	.4	.2													8	8	106	65														
4 / 47	.2		.7	.1														9	9	46	102														
4 / 45			.1															1	1	19	112														
4 / 43		.1	.1															2	2	11	68														
2 / 41																				2	58														
4 / 39																				1	17														
3 / 37																					12														
2 / 35																					6														
3 / 33																					1														
TOTAL	2.1	15.5	29.4	37.3	15.3	.2												849	849	649	849														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4736922	62758	73.9	10.742	849	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	2931740	49786	58.6	3.801	849			86				84
Wet Bulb	2504132	45954	54.1	4.447	849							84
Dew Point	2167178	42594	50.2	5.973	849							84

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

14271 LAJES AB AZ 72-81 FEB
 STATION STATION NAME YEARS MONTH

PAGE 1 1600-2000
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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				.1																													1	1					
64/ 63		4.1	1.8	.8		.1																												58	58	4	3		
62/ 61	.4	4.2	4.7	.7	.8																													92	72	41	12		
60/ 59	.1	4.7	7.4	4.2	.9																													148	148	60	50		
58/ 57	.6	5.3	6.0	7.3	.6																													168	168	107	64		
56/ 55	.5	4.4	5.3	8.1	1.7	.1																												170	170	104	95		
54/ 53	.2	1.8	4.4	4.8	1.3																													106	106	121	86		
52/ 51		1.3	3.3	1.7	.2																													55	55	130	70		
50/ 49		.4	1.7		.4																													20	20	140	77		
48/ 47		.5	.9	.7	.1																													19	19	77	91		
46/ 45		.2	.2	.5																														8	8	39	106		
44/ 43			.4																															3	3	13	71		
42/ 41																																					7	75	
40/ 39																																				5	13		
38/ 37																																					20	20	
36/ 35																																					10	10	
34/ 33																																					5	5	
TOTAL	1.8	26.9	36.1	29.0	6.0	.2																														848	848	848	848
Element (X)	Σ x ²		Σ x		Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	5203252		65820		77.6	10.559	848	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																									
Dry Bulb	2730047		47999		56.6	3.945	848							84																									
Wet Bulb	2389956		44846		52.9	4.648	848							84																									
Dew Point	2114048		42018		49.5	6.154	848							84																									

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1981 LAJES AB AZ 72-81 FEB 2100-2300
STATION STATION NAME YEARS MONTH HOURS U.S.T.

PAGE 1 2100-2300
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/67				.1																													1	1				
66/65		.7	.4																														9	9				
64/63	.1	3.9	1.8	.4																													52	52	9	4		
62/61	.2	3.9	3.9	.9	.1																												76	76	47	17		
59/59	.1	5.4	6.0	1.9	.7																												120	120	50	52		
57/57	.8	6.1	5.8	3.3	.5																												140	140	106	54		
55/55	1.3	4.4	5.3	6.8	.8	.2																											160	160	116	98		
54/53	.5	2.6	5.4	5.2	1.4																												128	128	105	96		
52/51		1.4	6.0	1.2	.2																													75	75	97	77	
49/49		1.5	3.5	.2	.4																													48	48	133	70	
47/47		.6	.7	.7	.1																													18	18	110	79	
45/45		.8	.4	.6	.1																													16	16	41	103	
44/43		.1	.4																															4	4	14	71	
42/41																																					13	68
40/39																																				6	17	
38/37																																					17	
36/35																																					14	
34/33																																					2	
32/31																																					2	
29/27																																					1	
TOTAL	3.1	31.5	39.4	21.4	4.4	.2																													847	847	847	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	5432700	67246	79.4	10.531	847	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb	2677515	47483	56.1	4.295	847			.1				64																										
Wet Bulb	2372879	44635	52.7	4.948	847							64																										
Dew Point	2120687	42037	49.6	6.374	847		.3					64																										

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13201 LAJES AB AZ 72-81 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69					.1													5	5		
60/ 67				.1	.0													8	8		
65/ 65		.2	.5	.2	.0	.0												58	58		
64/ 63	.1	4.7	2.2	1.5	.2	.1												601	601	64	30
62/ 61	.3	3.7	5.1	1.6	1.0													794	794	428	146
60/ 59	.2	4.5	7.1	4.7	1.8	.1												1251	1251	456	461
58/ 57	.6	5.0	5.0	4.8	1.6	.0												1162	1162	867	456
56/ 55	.7	3.5	3.9	6.3	1.3	.1												1070	1070	938	774
54/ 53	.3	1.9	4.6	3.7	1.4													812	812	938	694
52/ 51	.1	1.3	4.0	1.6	.1													479	479	828	616
50/ 49	.0	.5	1.8	.4	.1													197	197	1033	534
48/ 47	.1	.9	1.0	.3	.1													170	170	619	640
46/ 45	.0	1.1	.3	.3	.0													113	113	382	821
44/ 43		.3	.4	.1														56	56	124	657
42/ 41		.1	.1															13	13	76	568
40/ 39																				32	177
38/ 37																				4	124
36/ 35																					05
34/ 33																					21
32/ 31																					4
30/ 27																					1
TOTAL	2.5	27.8	36.0	25.5	7.9	.3												6789	6789	6789	6789
																		6789	6789		

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.	41870455	528033	77.8	10.865	6789	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	21986931	385161	56.7	4.469	6789			1.3				672
Wet Bulb	19262615	360089	53.0	4.907	6789							672
Dew Point	17033489	337463	49.7	6.249	6789			.5				672

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

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13201 LAJES AB AZ 71-80 MAR
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
64/ 63		1.1	2.0	.8																												36	36	4		
62/ 61	.8	3.8	3.2	.8	.1																											80	80	28	11	
60/ 59	.6	6.9	11.7	1.5	.2																											195	195	59	46	
58/ 57	1.4	6.3	6.5	2.7	.5																											162	162	142	87	
56/ 55	1.3	5.6	5.3	6.7	.5																											180	180	150	113	
54/ 53	.5	2.8	4.5	2.3	.6																											100	100	133	126	
52/ 51	.3	1.3	4.9	2.3	.1																											83	83	102	116	
50/ 49	.4	1.2	2.8	.2																												43	43	137	62	
48/ 47		2.0	1.4																													32	32	90	71	
46/ 45		1.2	.6																													17	17	66	123	
44/ 43		.1	.1																													2	2	16	73	
42/ 41																																		3	69	
40/ 39																																			29	
38/ 37																																		3		
36/ 35																																		1		
TOTAL	5.4	32.3	43.1	17.1	2.2																												930	930	930	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	6241747	75651	81.3	9.727	930							93
Wet Bulb	2929105	52055	56.0	4.075	930							93
Dew Point	2375258	46716	50.2	5.549	930							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

1721 LAJES AB AZ 71-80
 STATION STATION NAME YEARS

MAN
 MONTH

PAGE 1 0300-0500
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
64/ 63		1.2	1.5	.1																													26	26	2		
62/ 61	.2	3.9	2.9	.8																													72	72	20	P	
60/ 59	1.4	7.2	10.5	1.0																													187	187	67	53	
58/ 57	1.0	7.0	4.7	1.9	.3																												139	139	125	66	
56/ 55	.9	6.0	5.9	5.7	.4																												176	176	148	113	
54/ 53	.8	2.8	7.3	3.7	.8																												142	142	117	121	
52/ 51	.3	1.6	5.1	1.1	.1																												76	76	102	106	
50/ 49	.3	1.6	3.0	1.1	.2																												58	58	153	70	
48/ 47	.1	1.5	.8																														22	22	115	80	
46/ 45	.2	2.4	.4																														28	28	55	112	
44/ 43		.4																															4	4	20	88	
42/ 41																																				6	78
40/ 39																																					26
38/ 37																																				6	
36/ 35																																				1	
34/ 33																																				2	
TOTAL	5.23	35.64	2.21	5.3	1.8																													930	930	930	
																															930		930				

Element (X)	Z _X '	Z _X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6266184	75810	81.5	9.646	930							
Dry Bulb	2686495	51671	55.6	4.103	930							93
Wet Bulb	2589771	48897	52.6	4.510	930							93
Dew Point	2343963	46395	49.9	5.630	930							93

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

FEDERAL BUREAU OF SURVEY
 FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1721 LAJES AB AZ 71-80 MAR 1980
 STATION MONTH YEARS

PAGE 1 0900-1100
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/ 67			.1	.2	.1													4	4																
66/ 65		.2	.5	.8	.3													17	17																
64/ 63	.3	2.5	3.6	3.8	.4													98	98	15	8														
62/ 61		4.7	7.8	3.6	1.2													160	160	45	7														
60/ 59	1.0	5.8	10.2	5.1	3.8	.4												244	244	117	72														
58/ 57	.6	3.2	5.4	7.0	3.2	.1												182	182	172	113														
56/ 55	.5	2.5	3.0	5.8	1.8													127	127	138	123														
54/ 53	.3	.3	3.9	1.5	.4	.1												61	61	120	125														
52/ 51		.2	1.8	.5	.3													27	27	126	67														
50/ 49			.5	.1	.2													8	8	131	61														
48/ 47					.1													1	1	46	66														
46/ 45																				12	123														
44/ 43																				5	58														
42/ 41																				2	64														
40/ 39																					11														
38/ 37																					3														
36/ 35																					4														
34/ 33																					4														
TOTAL	2.8	19.5	36.8	28.3	11.9	.6												929	929	929	929														
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	5522943	70893	76.3	11.036	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	3202229	54443	58.6	3.544	929			.4				93																							
Wet Bulb	2778046	50650	54.5	4.224	929							93																							
Dew Point	2446307	47369	51.0	5.780	929							93																							

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION LAJES AB AZ STATION NAME 71-80 YEARS MAR
 MONTH MAR
 PAGE 1 1200-1400
 HOURS U.S.M.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 69				.1	.2	.1												4	4																
67/ 67			.3	.1	1.2													15	15																
66/ 65		1.0	2.5	2.9	.5	.2												66	66	4															
63/ 63	.3	3.1	5.9	5.1	1.3	1.1												156	156	19	13														
61/ 61	.2	3.5	7.8	6.8	3.3	.1												203	203	95	18														
59/ 59	.2	4.1	5.6	9.2	7.7	1.0												259	259	136	68														
57/ 57	.8	1.3	2.6	4.6	4.5	.1												129	129	167	121														
55/ 55	.6	.3	1.6	3.8	.9													67	67	141	116														
53/ 53		.2	.8	.8	.5													21	21	129	106														
51/ 51		.1	.5	.1														7	7	118	75														
49/ 49																				94	77														
47/ 47				.1														1	1	18	93														
45/ 45			.2															2	2	6	101														
44/ 43																				1	70														
42/ 41																				2	43														
40/ 39																					12														
37/ 37																					3														
35/ 35																					1														
TOTAL	2.2	13.7	27.8	33.5	20.2	2.6													930	930	930														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	Σx^2	Σx	\bar{x}	s_x	No. Obs.	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	5110147	68153	73.3	1.160	930			1.9				9.1
Wet Bulb	3404396	56174	60.4	3.498	930							9.1
Dew Point	2893402	51732	55.6	4.120	930							9.1
	2505920	47984	51.6	5.697	930							9.1

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJFS AB AZ 71-80 MAP
 STATION STATION NAME YEARS
 PAGE 1 1500-1700
 HOURS IN DAY

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
71/71						.1																										1	1				
70/69						.1																											1	1			
69/67				.3	.2	.3																											8	8			
68/65		.5	1.4	2.5	.3																												44	44			
67/63		4.4	5.9	7.6	.6	.3																											176	176	18	10	
66/61	.1	2.7	6.2	5.5	2.9																												162	162	86	20	
65/59	.9	4.8	8.5	7.7	7.0	.1	.1																										271	271	129	60	
64/57	.8	1.3	1.9	5.6	3.7	.3																											126	126	173	118	
63/55	.9	1.2	2.4	5.1	1.0																												97	97	150	131	
62/53		.3	1.2	.8	.9																												29	29	112	119	
61/51		.2	.5	.2																													9	9	125	71	
60/49			.1	.1																													2	2	98	60	
59/47			.2																														2	2	22	81	
58/45			.1																														1	1	14	128	
57/43		.1																															1	1	1	48	
56/41																																				1	46
55/39																																					15
54/37																																					3
53/35																																				1	
TOTAL	2.6	15.6	28.8	35.3	16.8	.9	.1																										930	930		930	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	5266646	69230	74.4	1.034	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																									
Dry Bulb	3350722	55724	59.9	3.569	930			1.0				93																									
Wet Bulb	2869924	51518	55.4	4.156	930							97																									
Dew Point	2503833	47969	51.6	5.646	930							93																									

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1721 LAJES AB AZ 71-80 MAR 1800-2000
 STATION STATION NAME YEARS HOURS U.S.T.
 PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																			
67/ 67				.1																													1	1						
65/ 65		.4		.2	.1																													7	7					
63/ 63	.1	2.5	2.9	2.7	.1																													77	77	8	2			
61/ 61	.2	4.4	7.2	1.8	.3																													130	130	45	17			
59/ 59	.8	8.0	13.0	5.0	1.3																														260	260	96	66		
57/ 57	1.3	3.4	5.5	7.0	1.0																														169	169	170	99		
55/ 55	1.1	2.6	3.0	7.6	.3																														136	136	174	130		
53/ 53	.1	1.3	4.0	3.0	.8																														85	85	104	125		
51/ 51		.2	3.1	1.4																															44	44	114	106		
49/ 49		.1	.5	.2																															8	8	125	56		
47/ 47		.4	.5	.1																															10	10	63	60		
45/ 45		.1	.1																																2	2	25	124		
43/ 43																																						4	53	
41/ 41																																						1	59	
39/ 39																																							11	
37/ 37																																						7		
TOTAL	3.6	23.5	39.9	29.2	3.9																																929	929	929	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																												
Rel. Hum.	5801847	72845	78.4	9.843	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 81 F	≤ 93 F	Total																												
Dry Bulb	3123783	53763	57.9	3.658	929			.1				73																												
Wet Bulb	2748689	50379	54.2	4.239	929							93																												
Dew Point	2451328	47446	51.1	5.509	929							43																												

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 MAR
STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
65/65		.6	.4	.1														11	11																
64/63		2.2	2.4	1.0														51	51	9	3														
62/61	.8	5.0	5.4	1.3	.2													117	117	40	21														
60/59	.5	4.6	12.0	1.6														174	174	80	49														
57/57	1.8	7.1	6.7	4.6	.5													193	193	151	84														
55/55	1.0	4.2	4.5	6.1	.3													150	150	170	121														
53/53	.5	1.5	4.3	2.9	.9													94	94	102	158														
52/51	.4	1.0	5.3	1.5	.2													78	78	103	98														
49/49		1.0	2.0	.3														31	31	114	67														
47/47		.5	1.7	.2														23	23	91	82														
45/45		.2	.4															6	6	42	94														
44/43																				15	68														
42/41																				1	54														
41/39																					19														
37/37																					9														
35/35																					1														
TOTAL	5.1	27.9	45.2	19.7	2.2													928	928	928	928														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	6115179	74807	80.6	9.571	928	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	3019220	52804	56.9	3.972	928							92																							
Wet Bulb	2693486	49822	53.7	4.487	928							93																							
Dew Point	2433346	47228	50.9	5.670	928							93																							

USAETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17211 LAJES AB AZ 71-80 MAR
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
71 / 71						.0																											1	1			
69 / 69				.0	.0	.0																											5	5			
67 / 67			.1	.1	.2																												28	28			
65 / 65		.3	.6	.8	.2	.0																											146	146	5		
63 / 63	.1	2.2	3.2	2.6	.3	.2																											645	645	77	37	
61 / 61	.3	4.0	5.6	2.6	1.0	.0																											1005	1005	379	113	
59 / 59	.8	6.2	10.2	4.0	2.5	.2	.0																										1775	1775	752	497	
57 / 57	1.1	4.4	4.8	4.4	1.7	.1																											1223	1223	1235	767	
55 / 55	1.0	3.5	3.9	5.9	.7																												1117	1117	1205	960	
53 / 53	.4	1.6	4.1	2.4	.7	.0																											680	680	960	1006	
51 / 51	.2	.9	3.3	1.0	.1																												411	411	885	730	
49 / 49	.1	.6	1.5	.3	.1																												191	191	1014	541	
47 / 47	.0	.8	.6	.1	.0																												122	122	544	609	
45 / 45	.0	.6	.3																														66	66	269	928	
43 / 43		.3	.3																														20	20	82	551	
41 / 41		.0																															1	1	28	489	
39 / 39																																				1	144
37 / 37																																				40	
35 / 35																																				15	
33 / 33																																				8	
31 / 31																																				1	
TOTAL	4.0	25.3	38.2	24.3	7.7	.5	.0																											7436		7436	
																																		7436		7436	

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	46578878	583090	78.4	10.731	7436	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	24807265	428345	57.6	4.226	7436			3.4				744
Wet Bulb	21789990	401142	53.9	4.492	7436							744
Dew Point	19404295	377493	50.8	5.689	7436			.1				744

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

17201 LAJES AB A2 71-80 APF
 STATION STATION NAME YEARS MONTHS
 PAGE 1 0600-CRUC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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			.2	.2														4	4																
64/ 63		2.7	1.8	.3														43	43	4	3														
62/ 61		4.2	4.3	.3														40	87	27	15														
60/ 59	1.6	9.6	12.0	3.0														235	235	82	61														
58/ 57	1.1	7.3	7.4	4.2	1.2	.1	.1											194	194	147	85														
56/ 55	.6	4.7	7.8	7.3	.3													186	186	162	119														
54/ 53	.2	2.2	4.2	2.4	.7													88	89	131	129														
52/ 51		.9	3.1	.3														39	39	130	101														
50/ 49	.2	.8	.9															16	16	138	90														
48/ 47		1.3	.3															15	15	50	103														
46/ 45																				25	82														
44/ 43																					67														
42/ 41																					35														
40/ 39																					5														
38/ 37																					3														
36/ 35																					1														
34/ 31																					1														
TOTAL	3.7	33.7	42.0	18.2	2.2	.1	.1											900	900	900	900														
Element (X)	Σ X ¹	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	6020429	73113	81.2	9.491	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	2940338	51350	57.1	3.374	900							900																							
Wet Bulb	2631984	48547	53.9	3.925	900							900																							
Dew Point	2389137	46141	51.3	5.123	900							900																							

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

12201 LAJES AB AZ 71-80 APR
 STAT ON STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
74/ 73					.1																												1	1				
72/ 71					.3																												3	3				
71/ 69				.2	.6	.1																										8	8					
69/ 67			.4	.7	.3	.2																											15	15				
66/ 65		.7	2.8	3.4	1.1	.1																											73	73	5			
64/ 63	.7	3.0	6.4	12.9	2.0	.9																											233	233	36	14		
62/ 61		2.8	6.1	9.1	6.8	.1																											224	224	69	26		
61/ 59	.1	4.6	6.3	10.1	6.2	.1																											247	247	149	78		
59/ 57	.2	.9	1.6	2.0	2.7																												66	66	217	100		
56/ 55	.2	.8	.2	1.6	.3																												28	28	178	153		
54/ 53			.1	.1																													2	2	147	128		
52/ 51																																				56	117	
50/ 49																																				40	67	
48/ 47																																				3	87	
46/ 45																																					69	
44/ 43																																					38	
42/ 41																																					22	
40/ 39																																					1	
TOTAL	1.2	12.7	24.0	40.1	20.4	1.6																													900	900	900	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.	4870059	65545	72.8	10.364	900	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																										
Dry Bulb	3422511	55437	61.6	2.941	900			2.7	.1			70																										
Wet Bulb	2900190	50998	56.7	3.404	900							9																										
Dew Point	2513189	47359	52.6	4.845	900							90																										

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13201 LAJES AB AZ 71-80
 STATION NAME YEARS
 PAGE 1 2100-2300
 MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/67			.7		.1													3	3																
66/65		.1	.8	.2														10	10																
64/63		2.9	2.4	.6														53	53		6														
62/61	.8	5.6	3.9	1.4														105	105	46	24														
61/59	1.2	7.2	2.6	2.3	.2													212	212	99	54														
60/57	1.0	6.3	0.0	7.7	.8													232	232	135	97														
59/55	.7	5.0	5.6	6.7	.2													163	163	178	109														
54/53		2.0	3.3	2.1	.3													70	70	151	130														
52/51	.1	1.1	2.0															29	29	131	146														
51/49		.6	1.0	.3														17	17	105	95														
47/47		.1	.3															4	4	34	99														
46/45		.2																2	2	14	74														
44/43																					1	42													
42/41																						27													
41/39																						5													
37/37																						1													
35/35																						1													
TOTAL	3.9	31.1	2.1	1.3	1.7													900	900	900	900														
Element (X)	Σ X²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	5970846	72852	80.9	9.055	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	900																							
Dry Bulb	3005535	51925	57.7	3.293	900			.3				900																							
Wet Bulb	2685203	49039	54.5	3.828	900							900																							
Dew Point	2437410	46630	51.8	4.886	900							900																							

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80
 STATION STATION NAME YEARS

PAGE 1 ALL MONTHS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73					.0	.0												4	4																
72/ 71					.1													6	6																
70/ 69			.0	.1	.1	.0												14	14																
68/ 67			.2	.2	.2	.0												41	41																
66/ 65		.2	1.1	.9	.4	.0												194	194	14															
64/ 63	.2	2.9	3.8	4.1	.7	.2												847	847	118	47														
62/ 61	.3	3.9	5.3	4.0	1.9	.0												1111	1111	386	165														
60/ 59	.8	7.4	10.3	7.0	2.3	.2												2014	2014	810	519														
58/ 57	.7	5.0	5.6	5.3	1.5	.0	.0											1296	1296	1359	763														
56/ 55	.4	3.1	3.7	5.0	.5													917	917	1445	980														
54/ 53	.1	1.4	2.6	1.2	.4													411	411	1071	1068														
52/ 51	.1	.8	1.6	.2														192	192	687	970														
50/ 49	.1	.5	.7	.1														92	92	750	664														
48/ 47	.0	.5	.2															51	51	259	747														
46/ 45		.1																10	10	90	650														
44/ 43																				11	391														
42/ 41																					242														
40/ 39																					37														
38/ 37																					15														
36/ 35																					2														
34/ 31																					1														
TOTAL	2.6	25.9	35.1	27.9	8.0	.5	.0											7200	7200	7200	7200														
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	44757823	562759	78.2	10.356	7200	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	7200																							
Dry Bulb	24936559	422869	58.7	3.740	7200			5.5	4			7200																							
Wet Bulb	21452682	395658	55.0	3.914	7200							7200																							
Dew Point	19493364	372942	51.8	5.001	7200							7200																							

USAFETAC FORM U-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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

PSYCHROMETRIC SUMMARY

STATION LAJES AB AZ STATION NAME 71-80 YEARS MAY MONTH

PAGE 1 0000-0200
 HOURS - S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
67			.2																														2	2			
65		1.3	3.2	.4																														46	46	6	
63	.4	9.9	4.9	.9						.1																							151	151	37	30	
61	1.0	6.0	8.9	1.8	.4																												169	169	135	69	
59	.5	6.3	10.5	4.9	.9																												216	216	127	116	
57	.2	5.9	5.9	4.6	1.3																												167	167	143	118	
55		3.7	3.1	2.5	.4																												90	90	163	126	
53	.5	1.7	3.2	.5	.4																												60	60	127	112	
51	.2	.5	1.6	.1																													23	23	90	119	
49			.5																														5	5	69	62	
47			.1																														1	1	24	66	
45																																				9	50
43																																					30
41																																					28
39																																					3
37																																					1
TOTAL	2.9	35.4	42.4	15.8	3.4	.1																												930	930	930	

Element (X)	$\sum X'$	$\sum X$	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6307235	76097	81.8	9.316	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3285806	55172	59.3	3.703	930			2				93
Wet Bulb	2956434	52288	56.2	4.229	930							93
Dew Point	2707194	49934	53.7	5.302	930							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

17201 LAJES AB AZ 71-80 MAY
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
MO. AS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/67		.1	.3	.1														5	5	1															
66/65		.9	1.9	.3	.1													30	30	6	1														
64/63	.3	10.7	5.1	2.0														168	168	24	24														
62/61	1.4	4.7	7.6	.6	.1													135	135	135	77														
59/59	.5	6.5	10.2	4.6	.5													208	208	115	97														
57/57	.2	6.8	4.8	2.7	1.7													151	151	145	106														
55/55	.9	4.8	2.9	2.9	.5													112	112	168	139														
54/53	.2	2.3	3.2	1.1	.3													66	67	121	124														
52/51		1.4	1.7	.2														31	31	76	95														
49/49		.4	.8	.2														13	13	80	76														
47/47		.2	.6															8	8	37	51														
46/45		.1	.1															2	2	16	56														
44/43																					3	40													
42/41																						34													
40/39																						7													
38/37																						2													
TOTAL	3.6	38.9	39.4	14.9	3.3													929	929	929	929														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	6355269	76331	82.2	9.489	929	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F																								
Dry Bulb	3235633	54727	58.8	4.039	930			.5				52																							
Wet Bulb	2713983	51863	55.8	4.482	929			.1				52																							
Dew Point	2671070	49550	53.3	5.515	929							52																							

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

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

PSYCHROMETRIC SUMMARY

STATION LAJES AB AZ STATION NAME 71-80 YEARS 1969 MONTH MAY
 PAGE 1 0600-0900
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																			
7 / 69			.5	.4	.1																														10	10					
6 / 67		.2	.8	.4																																13	13	3			
6 / 65		1.4	3.3	1.1	.1				.1																											56	56	14	3		
4 / 63	.5	9.8	6.1	3.4																																195	185	45	37		
2 / 61	1.1	6.7	7.2	3.0	.4	.1																														172	172	148	76		
2 / 59	.6	5.8	11.1	6.6	1.7																															240	240	140	119		
2 / 57	.4	4.2	3.8	3.2	1.7	.1																														125	125	166	127		
6 / 55	.2	2.7	2.2	2.7	.5																															77	77	151	144		
4 / 53		1.0	1.4	.8	.1																															30	30	105	120		
2 / 51		.5	.5	.3																																13	13	72	79		
2 / 49		.1	.5																																	6	6	56	51		
2 / 47		.1	.1																																	2	2	20	67		
4 / 45			.1																																	1	1	9	43		
4 / 43																																								1	29
4 / 41																																								27	
4 / 39																																								8	
TOTAL	2.9	32.5	37.6	21.9	4.7	.2			.1																												930	930	930		

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	
Rel. Hum.	6126618	74920	80.6	9.904	930						
Dry Bulb	3382153	55975	60.2	3.758	930			2.3			93
Wet Bulb	3018720	52836	56.8	4.272	930			.3			93
Dew Point	2747369	50293	54.1	5.451	930						93

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1961 LAJES AB AZ 71-80 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73					.3	.1												4	4																
73/ 71			.3	.9	1.4	.4	.2											30	30																
73/ 69			2.7	2.0	2.4	.5												71	71	2															
69/ 67	.1	.1	3.2	2.9	1.6	.3												77	77	9	3														
66/ 65	.1	1.6	6.5	6.7	1.7	.4												158	158	57	6														
64/ 63	.4	4.4	7.3	8.6	3.5	.8												233	233	132	71														
62/ 61	.1	3.0	3.7	5.2	3.9		.1											148	148	140	72														
59/ 59	.2	2.5	3.4	6.7	3.5	1.4												165	165	170	128														
57/ 57		1.1	.6	.4	.8													27	27	152	140														
56/ 55			.4	1.0														13	13	118	120														
54/ 53			.1	.1														2	2	87	106														
52/ 51			.1															1	1	32	79														
50/ 49																				28	46														
49/ 47			.1															1	1	2	58														
46/ 45																					38														
44/ 43																				1	26														
42/ 41																					18														
40/ 39																					2														
TOTAL	1.0	12.7	28.5	34.4	19.1	4.0	.3											930	930	930	930														
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.	5146755		68479		73.6		10.602		930		≤ 0 F		≤ 32 F		≤ 73 F		≤ 80 F		≤ 93 F		Total														
Dry Bulb	3794109		59299		63.8		3.750		930						18.2						93														
Wet Bulb	3235188		54720		58.8		4.089		930						1.1						07														
Dew Point	2840253		51145		55.0		5.446		930						.3						93														

USAFETAC FORM 0-26.3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																				
76/ 75					.3	.1												4	4																							
74/ 73				.4	1.3	.5	.1	.1										23	23																							
72/ 71			.3	1.5	2.2	.8	.1											45	45																							
70/ 69			3.1	4.3	3.8	.6	.2											112	112			1																				
68/ 67			4.1	1.7	3.4	.6												92	92			20																		1		
66/ 65	.3	1.6	5.5	6.7	3.7	.8												156	166			74																		11		
64/ 63	.2	3.7	5.5	10.6	4.7	2.2												250	250			144																		80		
62/ 61	.1	.8	2.9	4.6	5.4	.4												132	132			165																		73		
60/ 59		1.3	1.1	3.4	3.1	.6												89	89			151																		139		
58/ 57		.4		.1	.3													8	8			162																		131		
56/ 55			.2	.2														4	4			112																		141		
54/ 53			.2	.3														5	5			61																		95		
52/ 51																						29																		81		
50/ 49																						8																		56		
48/ 47																						3																		56		
46/ 45																																									31	
44/ 43																																									21	
42/ 41																																									14	
TOTAL	.6	7.7	22.9	34.0	27.5	6.7	.4	.1										930	930			930																		930		
Element (X)	Zx'	Zx	I	°n	No. Obs.	Mean No. of Hours with Temperature						Total																														
Rel. Hum.	4789255	66463	71.7	0.189	930	0 F	32 F	67 F	73 F	80 F	93 F																															
Dry Bulb	3955923	60557	65.1	3.705	930			27.6	2.7																																	93
Wet Bulb	3312150	55380	59.5	3.932	930			2.1																																	93	
Dew Point	2870326	51432	55.3	5.287	930			.1																																	92	

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201
 STATION

LAJES AB AZ
 STATION NAME

71-80
 YEARS

MAY
 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														
76/ 75						.2	.1																							3	3				
74/ 73				.4	.4	.5	.2																							15	15				
72/ 71			.3	1.5	2.5	.2																								42	42				
70/ 69			3.1	3.2	3.2	1.1																								99	99		1		
68/ 67			4.1	1.9	2.4	.5																								83	63	17	1		
66/ 65		2.3	6.7	7.5	3.4	.6	.1																							192	192	66	9		
64/ 63		2.6	7.1	8.7	4.5	1.0																								222	222	139	73		
62/ 61		1.3	2.9	5.5	5.5	.2																								143	143	145	79		
60/ 59		.9	1.4	5.3	4.0	.4																								111	111	171	137		
58/ 57		.5	.4		.3	.2																								14	14	156	122		
56/ 55		.1		.2	.1																									4	4	113	119		
54/ 53				.2																										2	2	67	123		
52/ 51																																20	69		
50/ 49																																8	55		
48/ 47																																5	55		
46/ 45																																		39	
44/ 43																																		16	
42/ 41																																		11	
40/ 39																																		2	
TOTAL		7.6	26.0	34.5	26.3	5.1	.4																									930	930	930	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4614398	66310	71.3	9.628	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3917244	60262	64.8	3.653	930			24.2	1.8			93
Wet Bulb	3289001	55185	59.3	3.936	930			1.8				93
Dew Point	2853335	51281	55.1	5.255	930			.1				93

USAFETAC FORM JUN 71 0-26.3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3
 FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-1 LAJES AB AZ 71-80 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																	
74/73					.1																												1	1					
72/71				.5	.6																													11	11				
71/69			.5	1.6																														27	27				
68/67			2.2	1.9	1.5	.2																												54	54		1		
67/65		2.7	5.1	3.8	1.3	.1																												120	120	30	1		
64/63		7.3	8.9	8.3	1.5	.4																												246	246	95	49		
62/61	.4	3.2	7.5	6.9	2.7																													193	193	162	86		
61/59	.1	1.2	6.5	9.4	3.2	.1																												190	190	152	139		
58/57		1.3	1.8	1.8	1.6																													61	61	161	106		
56/55		.6	.6	.4	.3																													19	19	156	129		
54/53			.4	.1	.1																													6	6	100	119		
52/51			.2																															2	2	42	106		
51/49																																					24	50	
47/47																																					6	72	
46/45																																					1	33	
44/43																																							27
42/41																																							11
41/39																																							2
TOTAL	.5	16.3	33.8	34.7	13.8	.9																														930	930	930	930
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																											
Rel. Hum.	5406009	70343	75.6	9.590	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																											
Dry Bulb	3646941	58147	62.5	3.500	930			9.3	.1			93																											
Wet Bulb	3152000	54020	58.1	3.909	930			.1				93																											
Dew Point	2796523	50773	54.6	5.145	930							93																											

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AP AZ 71-80 MAY 1954

PAGE 1 ALL
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. Wet Bulb	W.B. Dry Bulb	Wet Bulb Dew Point															
70/ 75					.0	.0																										7	7		
74/ 73					.1	.3	.1	.0	.0																							43	43		
73/ 71			.1	.6	.8	.2	.0																								128	128			
73/ 69			1.3	1.5	1.3	.3	.0																								322	322		4	
67/ 67	.0	.1	2.1	1.2	1.1	.2																									353	353	52	5	
66/ 65	.1	1.8	4.7	3.4	1.2	.2	.0	.0																							854	854	260	36	
64/ 63	.3	7.2	6.5	5.5	1.8	.6																									1625	1625	690	393	
62/ 61	.6	4.0	6.2	4.0	2.4	.1	.0																								1287	1287	1192	639	
60/ 59	.3	3.8	6.8	5.7	2.2	.3																									1420	1420	1159	990	
58/ 57	.1	3.0	2.8	2.4	1.2	.1																									704	704	1254	967	
56/ 55	.1	1.7	1.5	1.4	.3																										373	373	1129	1060	
54/ 53	.1	.7	1.3	.5	.1																										203	204	788	923	
52/ 51	.0	.3	.6	.1																											78	78	435	738	
50/ 49		.1	.2	.0																											25	25	318	466	
48/ 47		.0	.1																												14	14	114	489	
46/ 45		.0	.0																												3	3	39	330	
44/ 43																																		5	212
42/ 41																																			160
40/ 39																																			27
38/ 37																																			4
TOTAL	1.7	22.7	34.1	26.4	12.8	2.1	.1	.0																								7439	7440	7439	7439
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Num.	45039841	573345	77.1	10.693	7439	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	28642209	460479	61.9	4.370	7440			85.3	5.0			744																							
Wet Bulb	24933633	429465	57.7	4.338	7439			5.6				744																							
Dew Point	22269018	405040	54.4	5.380	7439			.5				744																							

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

17201 LAJES AB AZ 71-80 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
71/69		1.0	2.9	.3														38	38	2															
66/67		.4	2.0	1.3	.3													37	37	12	2														
66/65	.8	7.0	8.7	1.2														159	159	59	19														
64/63	3.1	17.4	9.8	4.1	.4													314	314	151	125														
62/61	1.2	6.2	5.4	2.0	.8													141	141	257	129														
57/59	.2	3.6	6.9	2.0	.6													119	119	142	235														
57/57	.4	1.7	1.7	.9	.6													47	47	111	117														
56/55		2.0	.7	.1														25	25	74	88														
54/53		.7	.3															9	9	49	66														
52/51	.2	.4	.4															10	10	26	53														
51/49																				10	23														
47/47			.1															1	1	4	20														
45/45																				1	13														
44/43																					9														
42/41																					1														
TOTAL	6.0	40.4	38.9	12.0	2.7													900	900	900	900														
																		900		900															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel. Hum.	6433097	75681	84.1	8.766	900							
Dry Bulb	3562252	56532	62.8	3.544	900			7.5				7.5
Wet Bulb	3250262	53976	60.0	3.023	900			1.4				1.4
Dew Point	3034944	52096	57.9	4.645	900			.2				.2

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1721 LAJES AB AZ 71-80 JULY
STATION MONTH YEARS

PAGE 1 0300-0500
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
71/69		1.3	2.0	.4														34	34	1															
61/67		.3	2.1	1.0														31	31	16	1														
60/65	.4	5.9	5.1	1.9	.1													121	121	52	20														
64/63	3.8	18.0	9.0	3.6	.2													311	311	142	127														
62/61	2.1	5.9	7.8	2.0	.4													164	164	225	113														
61/59	.1	5.0	5.4	2.3	.6	.1												122	122	153	200														
57/57	.4	3.2	1.1	1.2	.4													58	58	125	136														
57/55		2.1	1.2	.1														31	31	82	113														
64/53		.8	.3															10	10	46	59														
62/51	.1	.6	.3															9	9	34	40														
61/49		.4																4	4	15	36														
47/47		.2	.3															5	5	6	24														
45/45																				3	14														
44/43																					7														
62/41																					6														
TOTAL	7.0	43.8	34.9	12.6	1.0	.1												900	900	900	900														

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6518951	76175	84.6	8.923	900							900
Dry Bulb	3507238	56080	62.3	3.778	900			6.5				900
Wet Bulb	3211732	53642	59.6	4.023	900			1.7				900
Dew Point	3003601	51813	57.6	4.802	900			.1				900

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17211 LAJES AB AZ 71-80 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS OF SUN

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
71/71			.4		.2													6	6																
70/69		1.1	3.2	1.4	.2													54	54	4															
69/67	.1	.3	4.2	1.9	.6	.1												65	65	15	5														
68/65	.8	8.9	7.6	4.1	.3													195	195	84	19														
67/63	4.1	14.4	8.3	4.6	1.4	.3												299	299	186	161														
66/61	1.3	4.6	6.4	3.0	.9													146	146	243	132														
65/59	.2	3.1	2.9	2.6	.3	.1												83	83	116	211														
64/57		1.2	1.0	.3	.3													26	26	124	107														
63/55	.1	1.0	.4	.1														15	15	61	104														
62/53		.4	.1															5	5	38	46														
61/51		.1	.1															2	2	13	54														
60/49		.3																3	3	8	26														
59/47																				3	21														
58/45		.1																1	1		9														
57/43																				1	1														
56/41																					4														
TOTAL	6.7	35.7	34.8	19.0	4.3	.6												900	900	900	900														
																					900		900												
Element (X)	Z _X ²	Z _X	X	%	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Num.	6261548	74560	82.8	9.705	900	+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total																							
Dry Bulb	3663369	57339	63.7	3.385	900			12.5				90																							
Wet Bulb	3316379	54532	60.6	3.690	900			1.9				90																							
Dew Point	3076357	52473	58.3	4.658	900			.5				90																							

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES A3 AZ 71-80 JUN 1960
 STATION MONTH PAGE 1 2900-1100
STATION NAME YEARS MONTHS HOURS OBSERVED

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
77/ 77					.1																												2	2			
76/ 75					.1	.4				.1																							6	6			
74/ 73					2.9	2.0				.3	.1																						48	46			
72/ 71			.3	2.7	3.2	3.0				.6																							98	88	3		
70/ 69	.1	.9	7.0	6.2	5.8	1.0				.1																							190	190	8	4	
67/ 67		1.0	7.3	3.6	2.3	1.2																											139	139	74	5	
66/ 65	.8	5.4	6.0	5.8	1.4	.4				.1																							180	180	171	44	
64/ 63	1.1	6.3	4.4	5.0	3.0	.7																											185	185	228	163	
62/ 61	.3	.6	1.1	1.8	1.3	.1																											47	47	186	132	
60/ 59		.7	.1	.3	.2																												12	12	104	213	
58/ 57		.2	.1																														3	3	75	102	
56/ 55																																				37	64
54/ 53																																			9	43	
52/ 51																																			3	50	
50/ 49																																					21
48/ 47																																				9	
46/ 45																																				4	
44/ 43																																				3	
42/ 41																																				1	
TOTAL	2.3	15.4	28.9	28.9	19.7	4.4	.4																											900	900	900	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5277336	68228	75.8	10.810	900							
Dry Bulb	4073297	60478	67.2	3.217	900			47.3	5.6			90
Wet Bulb	3518670	56196	62.4	3.300	900			8.5				90
Dew Point	3165344	53218	59.1	4.537	900			.9				90

USAFETAC FORM JUN 71 0-26-3-01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 JUN 1971
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77 / 77					.4	.6	.4											13	13																
76 / 75				.4	1.8	.2	.3											25	25																
74 / 73		.3	.1	3.4	2.3	.7	.2											64	64																
72 / 71		.6	2.8	6.3	8.8	.8	.1	.1										175	175	7															
70 / 69		1.1	9.2	6.7	6.0	1.4												220	220	20	7														
68 / 67	.1	.4	5.1	4.0	3.2	1.3												128	128	110	13														
66 / 65		3.1	3.7	5.4	2.7	.8	.2											139	139	188	45														
64 / 63	.3	3.6	1.6	4.2	1.9	.3												107	107	246	172														
62 / 61	.1	.4	.7	.6	.2	.1												20	20	134	173														
60 / 59		.6	.2	.1														8	8	108	189														
58 / 57			.1															1	1	62	95														
56 / 55																				21	93														
54 / 53																				3	57														
52 / 51																				1	30														
50 / 49																					15														
48 / 47																					5														
46 / 45																					4														
44 / 43																					1														
42 / 41																					1														
TOTAL	.6	10.1	23.4	31.2	27.0	6.2	1.3	.1										900	900	900	900														
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4900121	65777	73.1	10.158	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	4250265	61781	68.6	3.331	900			62.5	10.2			90																							
Wet Bulb	3602130	56864	63.2	3.223	900			13.7				90																							
Dew Point	3205694	53568	59.5	4.390	900			2.0				90																							

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17211 CAJES AB AZ 71-80 JUN 1560-1700
STATION MONTH YEARS HOURS U.S.M.

PAGE 1 1560-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 77					.2	.9	.3											13	13																
76 / 75			.1	.1	.9	.6	.3											18	18																
74 / 73		.4		3.2	2.8	1.1	.6											73	73																
72 / 71			2.9	6.4	6.4	.7												148	148	5															
70 / 69	.2	1.0	1.2	7.1	5.2	.9	.2											224	224	11	7														
68 / 67	.1	.2	4.8	3.3	3.1	.9	.2											114	114	104	7														
66 / 65		4.0	3.7	4.7	2.9	.3												140	140	208	44														
64 / 63	.9	3.9	2.6	4.2	2.6	.9												135	135	228	192														
62 / 61	.2	1.3	.9	.2	.4	.1												29	29	148	151														
60 / 59			.3	.1	.2													6	6	101	203														
58 / 57																				69	110														
56 / 55																				19	68														
54 / 53																				7	51														
52 / 51																					36														
50 / 49																					14														
48 / 47																					12														
46 / 45																					4														
44 / 43																					1														
TOTAL	1.4	10.9	25.4	29.4	24.8	6.3	1.7											900	900	900	900														

Element (X)	ΣX^2	ΣX	\bar{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.	4988061	66347	73.7	10.389	900							
Dry Bulb	4218699	61543	68.4	3.388	900			59.0	10.4			90
Wet Bulb	3588415	56755	63.1	3.230	900			12.0				90
Dew Point	3202742	53544	59.5	4.378	900			1.4				90

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19201 LAJES AR AZ 71-80 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
75/ 75					.3	.4												7	7																
74/ 73				.6	1.1	.1												16	16																
72/ 71			2.6	2.2	2.8	.1												69	69																
70/ 69		1.2	7.8	5.9	2.1	.4												157	157	5															
68/ 67	.4	.4	8.7	4.4	2.7	.4												154	154	5	9														
66/ 65	.2	5.8	7.9	5.3	1.4	.1												187	187	165	33														
64/ 63	1.3	6.9	6.7	7.2	1.9	.1												217	217	239	173														
62/ 61	.1	.7	2.8	3.2	1.2													72	72	180	144														
60/ 59		.1	.3	1.2	.6													20	20	119	213														
58/ 57				.1														1	1	80	113														
56/ 55																				40	72														
54/ 53																				15	58														
52/ 51																				2	43														
50/ 49																					19														
48/ 47																					12														
46/ 45																					5														
44/ 43																					1														
TOTAL	2.1	15.1	36.7	30.2	14.1	1.8												900	900	900	900														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	5471251	69627	77.4	9.705	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	3986548	59834	66.5	3.102	900			40.3	2.3			50																							
Wet Bulb	3482424	55906	62.1	3.279	900			6.0				90																							
Dew Point	3157089	53159	59.1	4.377	900			.9				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

19001 LAFES AB AZ 71-80 JUN
STATION STATION NAME YEARS MONTH
 PAGE 1 2100-2300
HOURS PER YEAR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71			.8																7	7															
71/ 69		1.1	3.7	2.3	.2														66	66	2														
69/ 67	.7	1.2	8.4	4.3	.1														133	133	34	13													
68/ 65	1.1	9.8	11.2	2.0															217	217	72	39													
64/ 63	2.9	11.2	9.0	4.0	.8														251	251	258	144													
62/ 61	.7	3.4	5.8	2.9	.8														122	122	216	157													
60/ 59		1.6	3.2	1.7	.4	.2													64	64	118	206													
59/ 57		.9	.9	.4	.3														23	23	93	114													
56/ 55		.7	.7																12	12	59	73													
54/ 53		.2	.1																3	3	25	65													
52/ 51		.1	.1																2	2	16	36													
50/ 49																					5	29													
48/ 47																						10													
46/ 45																						9													
44/ 43																						3													
42/ 41																						2													
TOTAL	5.3	30.2	43.9	17.7	2.7	.2													900	900	900	900													
																						900		900											
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	6241958	74536	82.8	8.764	900	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb	3727235	57847	64.3	3.191	900			20.6				90																							
Wet Bulb	3373291	55007	61.1	3.549	900			3.6				90																							
Dew Point	3137862	52992	58.9	4.436	900			1.3				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

17201 LAJES AR AZ 71-80 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 ALL

Temp. (F)	NET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77/77					.1	.2	.1											28	28																
76/75			.0	.1	.4	.2	.1											56	56																
74/73		.1	.0	1.3	1.0	.3	.1											201	201																
72/71		.1	1.5	2.3	2.7	.3	.0	.0										493	493	15															
70/69	.0	1.1	5.8	3.8	2.4	.5	.0											983	983	53	18														
68/67	.2	.6	5.3	3.0	1.5	.5	.0											801	801	420	55														
66/65	.5	6.2	6.7	3.8	1.1	.2	.0											1338	1338	999	263														
64/63	2.2	10.2	6.4	4.6	1.5	.3												1819	1819	1660	1266														
62/61	.8	2.9	3.9	2.0	.8	.0												741	741	1593	1131														
60/59	.1	1.8	2.4	1.3	.4	.1												434	434	963	1670														
58/57	.1	.9	.6	.4	.2													159	159	739	894														
56/55	.0	.7	.4	.0														83	83	393	695														
54/53		.3	.1															27	27	192	445														
52/51	.0	.2	.1															23	23	97	349														
50/49		.1																7	7	38	163														
48/47		.0	.1															6	6	13	113														
46/45		.0																1	1	4	55														
44/43																				1	26														
42/41																					14														
TOTAL	3.9	25.2	33.3	22.5	12.1	2.5	.4	.0										7200	7200	7200	7200														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	46092323	576931	79.3	0.671	7200	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	30989596	471434	65.5	4.109	7200			256.2	28.5			720
Wet Bulb	27343322	442478	61.5	3.755	7200			48.8				760
Dew Point	24986133	422863	58.7	4.580	7200			7.3				720

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

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13201 LAJES AR AZ 71-80 JUL
 STATION MONTH
 STATION NAME YEARS

PAGE 1 0000-0200
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																				
7 / 77				.1														1	1																						
76 / 75			.9	.2	.2													12	12																						
74 / 73		.3	.6	2.8	.2													37	37																						
72 / 71	.3	1.3	5.7	2.2	.6													94	94	22	3																				
70 / 69	.1	3.0	9.5	1.8	.2													137	137	35	20																				
68 / 67		1.4	10.3	3.7	.2													145	145	122	34																				
66 / 65	.1	8.7	7.2	2.6	.3													176	176	180	84																				
64 / 63	.8	9.6	5.9	2.7	.8	.3												186	186	186	232																				
62 / 61	.5	5.5	2.8	.2														84	84	192	157																				
60 / 59	.3	2.3	2.3	.1														46	46	104	217																				
58 / 57		1.2																11	11	68	65																				
56 / 55		.1																1	1	20	52																				
54 / 53																				1	29																				
52 / 51																					13																				
50 / 47																					3																				
TOTAL	2.2	33.3	45.2	16.3	2.7	.3												930	930	930	930																				
																						930		930																	
Element (X)		Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																													
Rel. Hum.	6495145	77195	83.2	7.645	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																													
Dry Bulb	4123754	61830	66.5	3.749	930			42.6	5.0			93																													
Wet Bulb	3738874	58878	63.3	3.492	930			17.9				93																													
Dew Point	3500918	56940	61.2	3.981	930			5.7				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

17201 LAJES AB AZ 71-80 JUL
 STATION MONTH
 STATION NAME YEARS
 PAGE 1 0300-0500
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																			
75/ 75			.3	.6	.2																							11	11							
74/ 73	.1	.1	.5	2.0																								26	26	1	1					
72/ 71	.2	1.8	6.2	1.4	.3																							93	93	14	2					
70/ 69	.1	2.8	9.1	1.7	.4																							122	122	39	13					
68/ 67	.2	.9	8.0	3.3	.9																							123	123	104	38					
66/ 65	.3	8.7	7.0	2.3	.2																							172	172	181	70					
64/ 63	.9	12.5	4.5	2.8	.5	.2																						199	199	156	234					
62/ 61	.4	5.8	3.0	.3																								89	89	196	138					
60/ 59	.1	4.4	1.7	.6																								64	64	121	209					
58/ 57	.1	1.8	.2																									20	20	70	108					
56/ 55	.1	1.1																										11	11	34	50					
47/ 53																														14	33					
52/ 51																															19					
50/ 49																															3					
47/ 47																															3					
TOTAL	2.6	39.9	39.6	15.2	2.6	.2																						930	930	930	930					

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	6606976	78042	83.9	7.901	930							93
Dry Bulb	4051446	61268	65.9	4.037	930			37.5	3.7			93
Wet Bulb	3689178	58472	62.9	3.721	930			15.8	.1			93
Dew Point	3462016	56612	60.9	4.133	930			5.4	.1			93

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

CENTRAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1971 LAJES AB AZ 71-80 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77 / 77				.2	.4													6	6																
75 / 75			.2	2.3	.2													25	25																
73 / 73		.5	1.4	3.0	.0													54	54																
71 / 71		1.8	7.3	3.2	1.0	.1												125	125	19	2														
69 / 69	.1	3.1	10.5	3.2	.8													165	165	66	20														
67 / 67	.1	1.7	8.9	2.6	1.7													140	140	147	49														
65 / 65	.2	7.0	7.2	4.0	1.3													183	183	197	102														
63 / 63	1.0	7.7	4.2	2.2	.5	.1												146	146	178	244														
61 / 61	.2	3.1	1.1		.1													42	42	167	158														
59 / 59		2.0	1.4	.1														33	33	90	179														
57 / 57		.8																7	7	46	60														
55 / 55		.3																3	3	15	53														
53 / 53		.1																1	1	4	29														
51 / 51																				1	10														
49 / 49																					2														
47 / 47																					2														
TOTAL	1.6	28.3	42.3	20.8	6.9	.2												930	930	930	930														
Element (X)	Σx²	Σx	X̄	sₓ	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	6252447	75847	81.6	8.472	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb	4247133	62747	67.5	3.826	930			51.5	8.5			93																							
Wet Bulb	3808499	59425	63.9	3.498	930			23.2				93																							
Dew Point	3542865	57277	61.6	4.055	930			7.1				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

17201 LAJES AB AZ 71-80 JUL
 STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81					.1	.1	.1											3	3																
81/ 79				.4	.4	1.0												17	17																
79/ 77			.4	2.2	4.6	1.2	.2											82	82																
78/ 75		.1	1.0	4.3	4.7	1.7												107	107	1															
74/ 73		.9	2.4	8.7	4.7	1.0												164	164	11	1														
72/ 71	.1	.8	5.3	6.6	6.9	.6												188	188	55	10														
71/ 69		2.5	6.6	6.3	5.4	1.9												211	211	116	35														
69/ 67		.5	5.3	1.5	3.0	.9	.1											105	105	233	71														
66/ 65	.1	1.2	1.0	1.3		.2												35	35	202	128														
64/ 63		1.4	.4															17	17	182	250														
62/ 61			.1															1	1	87	172														
61/ 59																				35	146														
61/ 57																				8	69														
58/ 55																					38														
54/ 53																					22														
52/ 51																					3														
51/ 49																					4														
48/ 47																					1														
TOTAL	.2	7.3	22.4	31.0	30.1	8.6	.4											930	930	930	930														
Element (X)	Σ x ²		Σ x		X	%	No. Obs.	Mean No. of Hours with Temperature						Total																					
Rel. Hum.	5045794		67962		73.1	9.239	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93																					
Dry Bulb	4760777		66607		71.6	3.339	930			67.7	37.3	1.4		93																					
Wet Bulb	4447636		61284		65.9	3.150	930			41.6	1.2			93																					
Dew Point	3640858		58064		62.4	4.107	930			11.7	.1			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

17201 LAJES AB AZ 71-80 JUL
 STATION NAME YEARS MONTH

PAGE 1 1500-1700
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83				.2	.5	.3	.1											1	1																
82/ 81				.6	1.4	1.6	.3	.1										14	14																
80/ 79				4.5	6.6	3.3	1.2											35	35																
77/ 77				4.4	6.6	3.3	1.2											145	145																
76/ 75		.3	.5	4.4	6.2	2.4												129	129	3															
74/ 73		.3	2.0	7.5	6.6	3.0	.2											183	183	22															
73/ 71		.4	4.4	4.4	7.8	2.0												178	178	82	6														
73/ 69		.9	5.2	5.2	7.1	1.0												179	179	134	47														
67/ 67			2.8	.5	1.5	.5												50	50	218	85														
66/ 65		.8	.2	.4	.2													15	15	181	110														
64/ 63	.1																	1	1	184	227														
63/ 61																				85	161														
63/ 59																				20	165														
62/ 57																				1	61														
66/ 55																					53														
64/ 53																					9														
62/ 51																					6														
TOTAL	.1	2.7	15.2	27.8	38.0	14.2	1.8	.2										930	930	930	930														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	4625819	65117	70.0	8.457	930			91.4	50.7	4.1		97
Wet Bulb	4111322	61764	66.4	3.180	930			45.9	2.5			93
Dew Point	3649650	58138	62.5	4.047	930			13.8				93

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

3

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10001 LAJES AB A2 71-80 JUL 1800-2000
STATION STATION NAME YEARS MONTHS HOURS

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
79					.4	.1																											5	5			
77				1.5	3.4	.8	.2																											55	55		
75		.1	.8	3.9	3.8	.4																												93	93		
73		1.3	2.4	3.3	3.4	.5	.1																											149	149	1	
71		.9	4.7	6.8	6.7	.2																												179	179	47	1
69		1.0	10.2	6.8	5.6	.4																												223	223	99	29
67		.6	5.6	2.7	3.9	.5																												124	124	197	67
65		2.3	2.7	4.1	1.3																													96	96	206	117
63	.3	.6	.1	.5	.1																													16	16	217	220
61																																				110	177
59																																				65	167
57																																				9	64
55																																					40
53																																					18
51																																					9
TOTAL	.3	6.8	26.5	34.5	28.6	3.0	.3																											930	930	930	930
																					930	930	930														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5177650	68966	74.2	8.257	930							
Dry Bulb	4666587	65811	70.8	3.198	930			81.8	29.2	.2		92
Wet Bulb	3983148	60796	65.4	3.076	930			34.4	.1			93
Dew Point	3596817	57721	62.1	3.927	930			9.7				93

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 JUL
 STATION MONTH

PAGE 1 2100-2300
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77/77				.2	.1													3	3																
76/75			.8	1.2	.2													20	20																
74/73		1.0	1.5	3.0	.5													56	56	1															
72/71	.1	2.6	6.1	3.0	1.5													124	124	34	11														
71/69	.3	2.7	13.6	3.4	.9	.1												195	195	59	29														
69/67		3.2	11.4	4.1	1.1													184	184	125	63														
67/65	.4	7.5	8.2	4.3	.4													194	194	228	121														
64/63	.4	5.2	4.1	1.9	.3													111	111	208	226														
62/61	.1	1.1	1.7	.2														29	29	162	161														
59/59		.4	.4	.2														10	10	77	156														
57/57		.3																3	3	26	77														
56/55																				7	53														
54/53																				2	24														
52/51																					5														
51/49																					7														
TOTAL	1.4	24.0	47.8	21.6	5.1	.1												929	929	929	929														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	- 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	Total
Rel. Hum.	6223134	75670	81.5	8.012	929							
Dry Bulb	4292796	63076	67.9	3.307	929			56.3	7.9			92
Wet Bulb	3849964	59728	64.3	3.264	929			21.9	.1			92
Dew Point	3583985	57585	62.0	3.956	929			10.3				93

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

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1971 LAJES AB AZ 71-80 AUG

PAGE 1 0000-0200
HOURS PER MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77/77			.3	.1														4	4																
76/76	.1	.4	3.1	.5														29	39	1	1														
74/73	.1	1.8	3.4	3.8	.6													91	91	8	6														
72/71	.2	2.0	7.7	2.6	1.8	.1												135	135	56	10														
70/69	.1	4.8	11.5	2.9	2.4	.8												209	209	90	61														
68/67	.6	1.5	6.9	1.8	.5	.2	.1											109	109	158	54														
66/65	.3	8.6	4.1	1.7	1.7	.2												155	155	180	111														
64/63	.1	6.5	2.5	.6	.3	.1												94	94	154	204														
62/61		2.8	2.2	.2														48	48	145	138														
60/59		2.0	1.7	.2														37	37	66	158														
58/57		.3	.5															8	8	52	62														
56/55			.1															1	1	10	48														
54/53																				7	24														
52/51																				1	16														
50/49																					4														
48/47																					2														
46/45																					1														
TOTAL	1.6	30.9	44.1	14.5	7.4	1.4	.1												930		930														
																		930		930															

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	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	4331833	63365	68.1	3.950	930			58.7	13.4			93
Wet Bulb	3901230	60122	64.6	3.951	930			31.5	.9			63
Dew Point	3642648	58038	62.4	4.721	930			16.2	.7			93

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

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FEDERAL BUREAU OF INVESTIGATION
CLIMATE DIVISION
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1721 LAJES AB AZ 71-80 AUG 1960-1960
STATION MONTH YEARS

PAGE 1 0900-1100
HOURS (LOCAL)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/83			.1	1.0	1.0	.6												1	1																
82/81			.3	1.3	1.7	.8	.1	.1										26	26																
77/77		.2	.5	7.3	5.3	2.0	.3	.1										147	147	2															
75/75		.6	2.0	7.2	7.0	2.8	.3											186	186	14	5														
74/73		1.0	2.2	9.5	7.0	2.8	.8											215	215	46	10														
73/71	.2	1.8	4.9	4.8	6.7	1.5	.2											188	188	123	31														
72/69		.8	1.7	1.9	2.7	1.8	.1											84	84	163	100														
67/67		.2	1.0	.3	.6	.5												25	25	215	102														
66/65		1.5	.2	.2														18	18	167	138														
64/63																				122	180														
62/61																				52	132														
60/59																				24	119														
57/57																				2	48														
56/55																					34														
54/53																					20														
52/51																					10														
48/47																					1														
TOTAL	.2	6.1	13.0	33.5	32.0	12.9	1.8	.3										930	930	930	930														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	4843633	66523	71.5	9.579	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	5052970	68482	73.6	3.312	930			91.2	61.5	4.5		93																							
Wet Bulb	4235478	52674	67.4	3.562	930			56.3	6.2			93																							
Dew Point	3800497	59287	63.7	4.752	930			24.8	1.5			93																							

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1971 LAJES AB AZ 71-80 AUG 1950-17.0
STATION MONTH YEARS HOURS U.S.T.

PAGE 1 1500-17.0
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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				1.4	1.6	2.2	.5											55	55																
80/ 79			.4	2.6	3.3	3.0	.4											91	91																
77/ 77			1.1	5.2	8.0	3.3	.9	.1										177	177	2															
76/ 75		1.1	1.0	6.6	8.8	4.1	.2											202	202	15	2														
74/ 73	.1	1.0	1.5	6.6	7.0	5.7	.9											211	211	85	13														
72/ 71		.9	2.3	2.7	3.7	2.5	.3											114	114	116	48														
70/ 69	.1	.8	1.2	1.1	2.9	1.1												66	66	192	79														
67/ 67		.1	.4			.2												7	7	195	113														
66/ 65		.2	.2															4	4	147	146														
64/ 63		.1	.2															3	3	102	186														
62/ 61																				61	106														
60/ 59																				15	126														
58/ 57																					50														
56/ 55																					39														
54/ 53																					18														
52/ 51																					5														
TOTAL	.2	4.1	8.3	26.0	36.0	22.0	3.2	.1										930	930	930	930														

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4520808	64292	69.1	9.058	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	5210487	69539	74.8	3.416	930			92.3	73.6	9.3		93
Wet Bulb	4292929	63097	67.8	3.599	930			60.5	10.2			93
Dew Point	3815134	59404	63.9	4.719	930			25.4	1.5			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

17201 LAJES AB AZ 71-80 AUC
 STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81			.1	.1	.1	.1												4	4																
80/ 79			.2	.8	.2	.2												13	13																
77/ 77		.1	1.3	4.4	3.0	.2	.1											85	85	1															
75/ 75		.6	3.1	7.7	3.7	.4	.1											146	146	4	2														
74/ 73		1.6	3.2	12.5	3.8	1.4	.1											210	210	30	3														
72/ 71	.1	.9	7.2	7.4	8.3	.9												230	230	91	35														
70/ 69	.1	1.7	6.9	3.2	3.1	1.3												152	152	154	78														
68/ 67		.1	1.4	1.4	1.4	1.0												49	49	240	100														
66/ 65		.6	.3	1.3	.9													29	29	175	141														
64/ 63		.6	.3	.3														12	12	135	209														
62/ 61																				55	127														
60/ 59																				41	126														
58/ 57																				4	40														
56/ 55																					41														
54/ 53																					20														
52/ 51																					9														
TOTAL	.2	6.3	24.1	39.1	24.4	5.5	.3											930	930	930	930														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5216230	69186	74.4	8.633	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4857600	67152	72.2	3.076	930			88.9	45.8	.7		93
Wet Bulb	4155221	62081	66.8	3.450	930			52.0	3.5			93
Dew Point	3775934	59108	63.6	4.547	930			21.8	.5			93

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

3
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1721 LAJES AB AZ 71-60 AUG
 STATION 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																
77/77			.4	.5																													9	9			
76/75		.4	3.8	1.5																													53	53	1		
74/73		3.1	3.7	5.1	.3																												113	113	16	3	
72/71	.3	2.3	11.9	4.8	3.8	.3																											218	218	79	34	
70/69	.2	3.2	14.7	3.2	2.3	.4																											224	224	109	79	
67/67	.5	1.5	7.8	2.3	1.6																												128	128	188	106	
66/65	.1	4.2	3.8	1.6	1.3																												102	102	193	150	
64/63	.1	2.7	2.4	.4																													52	52	171	183	
62/61		.3	1.2	.3																													17	17	93	136	
60/59		.3	.9	.3																													14	14	48	106	
57/57																																				20	57
55/55																																				12	41
54/53																																					19
52/51																																					16
TOTAL	1.3	18.1	50.5	20.1	7.2	.8																												930	930	930	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	6102859	74933	80.6	8.382	930							
Dry Bulb	4510963	64691	69.6	3.448	930			74.5	17.5			93
Wet Bulb	4223591	61075	65.7	3.693	930			39.3	1.7			93
Dew Point	3744290	58858	63.3	4.555	930			22.2	.3			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

17211 LAJES AB AZ 71-80 AUG
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83					.0	.0												4	4																
82/ 81			.0	.5	.7	.8	.2	.0										160	160																
80/ 79			.1	1.0	1.0	1.0	.1	.0										243	243																
78/ 77		.0	.7	3.1	3.2	1.1	.4	.1										642	642	8															
76/ 75	.0	.7	2.5	4.1	3.3	1.6	.2	.0										928	928	53	13														
74/ 73	.0	1.6	2.6	6.4	3.3	1.7	.3	.0										1183	1183	309	68														
72/ 71	.2	1.6	6.3	4.0	4.0	1.0	.1											1282	1282	734	233														
70/ 69	.2	2.5	7.7	2.6	2.4	.9	.0											1202	1202	1036	617														
68/ 67	.2	.7	3.9	1.1	.8	.4	.0											534	534	1493	753														
66/ 65	.1	3.3	2.2	1.1	.8	.1												558	558	1394	1043														
64/ 63	.1	2.8	1.3	.3	.2	.0												360	360	1068	1575														
62/ 61	.0	1.1	.8	.1	.0													157	157	712	1004														
60/ 59	.0	1.1	.8	.1														146	146	362	1064														
58/ 57	.0	.2	.2															31	31	189	435														
56/ 55	.0	.1	.1															9	9	58	326														
54/ 53		.0																1	1	19	189														
52/ 51																				5	96														
50/ 49																					18														
48/ 47																					5														
46/ 45																					1														
TOTAL	.8	15.8	29.2	24.4	19.7	8.6	1.3	.1										7440	7440	7440	7440														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	44039068	567020	76.2	10.532	7440	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	37911406	529946	71.2	4.691	7440			617.8	316.0	27.5		744																							
Wet Bulb	32722384	492494	66.2	4.042	7440			363.3	37.0			744																							
Dew Point	29875685	470125	63.2	4.767	7440			168.4	8.1			744																							

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

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GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17271 LAJES AB AZ 71-80 SEP 1971

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
75/75		.3	1.4	1.4																													29	29			
74/73		.8	1.8	2.2	.2																												45	45	3		
72/71	.2	1.1	6.1	3.4	.6																												103	103	28	6	
71/69	.1	6.9	10.8	3.9	1.2	.1																											207	207	70	32	
69/67		1.6	7.6	2.8	2.7	.4																											135	135	149	61	
68/65		7.3	3.2	2.7	1.1	.1																											130	130	169	114	
64/63	.6	6.7	2.9	2.4	.6	.3																											121	121	163	207	
62/61		2.6	3.4	1.4	.2																												69	69	109	122	
61/59		2.6	1.8	.8																													46	46	93	127	
61/57	.1	.6	.7																														12	12	71	86	
55/55			.3																														3	3	34	64	
54/53																																				8	37
52/51																																			3	30	
50/49																																				9	9
48/47																																				4	4
46/45																																				1	1
TOTAL	1.0	30.3	40.0	21.1	6.6	1.0																												900	900	900	900

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6046708	73338	81.5	8.864	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4087679	60547	67.3	4.004	900			51.9	7.4			90
Wet Bulb	3666629	57327	63.7	4.097	900			25.0	.3			90
Dew Point	3410669	55229	61.4	4.914	900			9.9				90

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1301 LAJES AB AZ 71-80 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
HOURS LOCAL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 75		.3	1.2	.7														20	20																
74/ 73		.6	1.8	2.2	.2													43	43	3															
72/ 71		1.0	6.6	3.6	.4													104	104	20	3														
70/ 69	.2	5.8	9.6	3.3	.9													178	178	67	29														
68/ 67	.4	2.4	7.8	1.9	2.0	.3												134	134	154	60														
66/ 65	.1	7.0	3.6	2.3	.8	.3	.1											128	128	167	108														
64/ 63	.8	7.0	3.6	3.7	1.0													144	144	147	216														
62/ 61		3.6	3.9	2.3	.3													91	91	114	110														
60/ 59		2.4	1.6	.4														40	40	100	147														
58/ 57		.4	1.0															13	13	75	70														
56/ 55		.1	.2															3	3	39	63														
54/ 53			.2															2	2	10	39														
52/ 51																				2	39														
50/ 49																					11														
48/ 47																					4														
46/ 45																					1														
TOTAL	1.6	30.7	40.9	20.4	5.7	.7	.1											900	900	900	900														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	6118850	73774	82.0	8.919	900							
Dry Bulb	4045042	60228	66.9	4.028	900			47.9	6.3			90
Wet Bulb	3640537	57119	63.5	4.145	900			24.4	.3			90
Dew Point	3390881	55063	61.2	4.954	900			9.2				90

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

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FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77/ 77				.1																											1	1			
76/ 75		.1	1.3	1.1	.3																										26	26			
74/ 73		.7	2.3	3.1	.4																									59	59	1			
72/ 71	.2	1.4	7.6	2.9	.8																									116	116	26	4		
70/ 69	.2	5.9	9.7	3.6	1.0	.3	.2																							188	188	70	37		
68/ 67	.1	2.1	8.0	2.3	1.4	1.0																								135	135	172	55		
66/ 65	.3	6.4	4.2	2.4	1.2	.1																								133	133	169	133		
64/ 63	.6	6.0	3.7	2.7	1.2																									127	127	137	200		
62/ 61	.2	2.2	2.1	1.1	1.1																									61	61	110	109		
60/ 59	.1	2.6	1.8	.2																										42	42	101	147		
58/ 57		.4	.4																											8	8	72	66		
56/ 55		.2																												2	2	29	56		
54/ 53			.2																											2	2	9	36		
52/ 51																																		36	
50/ 49																																2	13		
48/ 47																																		6	
TOTAL	1.9	28.1	41.3	19.6	7.6	1.4	.2																									900	900	900	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6009489	73067	81.2	9.285	900							
Dry Bulb	4107846	60698	67.4	3.980	900			52.5	8.6			90
Wet Bulb	3678086	57416	63.8	4.112	900			27.1	.1			90
Dew Point	3416329	55267	61.4	5.003	900			9.6				90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17211 LAJES AB AZ 71-80 SEP
STATION STATION NAME YEARS MONTH
PAGE 1 0900-1100
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
27/91					.3	.2	.1											6	6																
27/79				1.6	.1	.4												19	19																
77/77			.4	2.8	2.7	1.2	.1											65	65																
75/75		.2	1.6	7.9	5.5	.6	.2											143	143																
74/73		.4	2.9	10.2	5.2	1.7	.6											189	189	23															
72/71	.3	1.8	5.6	4.8	5.8	1.9	.4											187	187	54	11														
71/69	.1	3.4	5.1	3.4	4.0	2.7												169	169	146	56														
67/67		.2	2.0	1.2	2.3	.8												59	59	240	95														
66/65		.9	.8	1.1	.1	.3	.1											34	34	151	149														
64/63		.6	.9	.8	.1	.3												24	24	124	191														
62/61			.1	.1	.1													3	3	93	112														
59/59		.1																1	1	46	114														
57/57																				14	67														
55/55																				7	48														
54/53																				2	30														
52/51																					15														
51/49																					4														
47/47																					5														
47/45																					2														
TOTAL	.4	7.7	19.6	33.9	26.7	10.1	1.6											899	899	899	899														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4862533	65525	72.9	9.823	899	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb	4651894	64598	71.9	3.367	899			33.8	42.2	.6		90																							
Wet Bulb	3234758	59386	66.1	3.632	899			46.6	2.3			90																							
Dew Point	3540538	56246	62.6	4.893	899			16.2				90																							

USAFETAC FORM JUN 71 0-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1961 LAJES AB AZ 71-60 SEP 1961
 STATION STATION NAME YEARS MONTHS
 PAGE 1 1200-140

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po														
80/ 81				.3	1.2	.4	.1											19	19																
79/ 79				1.7	1.3	1.8	.4											47	47																
77/ 77	.1		.2	4.3	8.1	2.2	.9	.2										145	145		1														
76/ 75		.1	2.1	6.8	8.9	2.3	.8	.1										190	190		3														
74/ 73	.1	.2	1.3	7.1	6.1	4.7	1.6	.2										192	192		31														
72/ 71	.1	1.0	5.6	2.4	4.8	3.0	.9											160	160		84														
70/ 69	.1	.4	2.0	2.0	2.4	1.3	.1											76	76		173														
68/ 67	.1	.2	.9	.8	1.3	.8												37	37		272														
66/ 65		.7	.3	.2	1.2													22	22		125														
64/ 63	.1	.3		.2	.1													7	7		143														
62/ 61		.3	.1	.1														5	5		68														
60/ 59																					33														
58/ 57																					16														
56/ 55																					1														
54/ 53																																			
52/ 51																																			
50/ 49																																			
48/ 47																																			
TOTAL	.7	3.3	12.6	25.8	35.7	16.7	4.8	.6										900	900		900														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	4413045	62409	69.3	9.746	900	0 F	32 F	67 F	73 F	80 F	93 F	Total																							
Dry Bulb	4866051	66103	73.4	3.487	900			86.6	59.3	2.2																									
Wet Bulb	4015629	60027	66.7	3.658	900			51.4	3.5																										
Dew Point	3552921	56375	62.6	4.908	900			16.7	.4																										

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13201 LAJES AB AZ 71-80 SFZ
 STATION NAME YEARS MONTH

PAGE 1 1500-1700
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
81				.1	.7	.9	.3											18	18																
79				1.1	1.1	1.1	.1											31	31																
77				3.4	5.4	1.4	.8											100	100																
75		.4	1.7	7.7	7.4	1.4	.2	.1										171	171	2															
73		.6	2.6	9.4	7.0	3.0	.6											208	208	19	1														
71		.6	5.6	2.7	6.3	3.6	.4											172	172	71	11														
69	.1	1.0	3.6	3.2	2.3	1.9	.2											111	111	166	50														
67		.2	1.6	.2	1.7	.9	.2											43	43	232	85														
65	.1	.4	.9	.6	1.3	.2	.2											34	34	139	168														
63		.2		.2	.7													10	10	137	175														
61		.2																2	2	71	117														
59																				40	128														
57																				16	55														
55																				5	46														
53																					29														
51																					22														
49																					6														
47																					2														
45																					3														
TOTAL	.2	3.7	15.0	28.7	34.0	14.4	3.1	.1										900	900	900	900														
																		900		900															

Element (X)	Σx^2	Σx	\bar{x}	s_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	4545972	63382	70.4	9.570	900			55.4	52.8	2.2		90
Wet Bulb	3973427	59711	66.3	3.67	900			49.0	2.1			90
Dew Point	3533864	56222	62.5	4.917	900			14.7	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13281 LAJES AB AZ 71-80 SEP
 STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
73/ 77				.3	.1																											4	4				
76/ 75		.2	.7	1.2	.4	.1																										24	24				
74/ 73		.7	2.9	4.4	.4																											76	76	5			
72/ 71	.1	2.7	9.1	3.9	1.0	.2																										153	153	29	9		
70/ 69		6.0	11.0	2.9	2.3	.1																										201	201	77	43		
68/ 67	.2	2.7	8.8	4.6	2.7	.2																										172	172	195	70		
66/ 65	.3	4.9	4.2	2.2	1.1	.2	.1																									118	118	166	160		
64/ 63	.2	2.3	2.3	1.7	1.4	.3																										75	75	159	170		
62/ 61	.1	1.4	2.0	1.0	.3																											44	44	111	119		
60/ 59		.8	1.4	.4																												24	24	68	113		
58/ 57		.1	.9																													9	9	53	66		
56/ 55																																			29	57	
54/ 53																																			8	33	
52/ 51																																				34	
50/ 49																																				13	
48/ 47																																				2	
46/ 45																																				2	
TOTAL	1.0	21.9	43.3	22.7	9.9	1.2	.1																											900	900	900	
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	5824560	71952	79.9	8.964	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	4208684	61452	68.3	3.765	900			63.0	10.4			90																									
Wet Bulb	3737267	57865	64.3	3.988	900			30.6	.5			90																									
Dew Point	3459372	55623	61.8	4.953	900			13.1				90																									

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1981 LAJES AB AZ 71-80 OCT
STATION STATION NAME YEARS MONTH
PAGE 1 0000-0200
HOURS OF OBS.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
74/ 73				.1																												1	1				
72/ 71		.3	2.6	1.8	.1																											45	45	3			
70/ 69		1.6	8.0	1.7	.3																											108	108	3	3		
68/ 67	.2	1.6	6.0	1.6	.8																											95	95	62	9		
66/ 65	.1	7.2	4.8	2.2	.5																											139	138	132	60		
64/ 63	2.2	7.7	5.2	8.5	1.9	.6	.2																									245	245	143	168		
62/ 61	.5	3.2	2.4	4.7	1.4	.3																											117	117	146	122	
60/ 59	.5	2.4	3.5	2.7	1.0	.8																											101	101	97	149	
58/ 57		.6	1.8	.5																													28	28	113	72	
56/ 55		2.3	.6	.5																													32	32	97	70	
54/ 53		.5	.5																														10	10	71	78	
52/ 51			.8																														7	7	31	60	
50/ 49			.3																														3	3	10	40	
48/ 47																																			10	34	
46/ 45																																				27	
44/ 43																																				13	
42/ 41																																				8	
40/ 39																																				1	
TOTAL	3.5	27.5	36.6	24.4	6.0	1.7	.2																											930	930	930	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	6096274	74648	60.3	10.607	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	3842134	59640	64.1	4.338	930			24.9	.1			43																									
Wet Bulb	3422971	56247	60.5	4.768	930			8.8				93																									
Dew Point	3136728	53744	57.8	5.951	930			1.2				93																									

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 STATION LAJES AB AZ STATION NAME 71-80 YEARS OCT MONTH
 PAGE 1 0300-0500 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73				.5														5	5																
72/ 71		.1	2.8	.6														33	33	1															
71/ 69	.1	2.4	6.3	1.1	.1													93	93	5	2														
68/ 67		2.2	4.8	1.4	1.6													93	93	86	9														
66/ 65	.5	5.7	5.6	1.6	.9													133	133	108	75														
64/ 63	1.3	7.8	6.6	8.0	2.2	.5	.2											247	247	121	138														
62/ 61	1.1	2.9	3.9	4.0	2.7													135	135	161	97														
61/ 59	.1	2.5	3.4	3.0	1.5	.6												104	104	110	104														
59/ 57	.1	1.3	1.1	.5														28	28	120	66														
58/ 55	.2	1.4	.8	.6														28	28	89	79														
54/ 53	.2	.4	.4	.2														12	12	63	86														
52/ 51	.2	.5	.6															13	13	37	67														
51/ 49			.1															1	1	17	49														
48/ 47		.1	.4															5	5	7	33														
46/ 45																				5	32														
44/ 43																					9														
42/ 41																					11														
40/ 39																					3														
TOTAL	3.9	27.3	36.9	21.6	8.9	1.2	.2											930	930	930	930														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	6094168	74610	80.2	10.808	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																							
Dry Bulb	3802027	59319	63.8	4.454	930			22.4	.5			93																							
Wet Bulb	3384336	55918	60.1	4.884	930			9.2				93																							
Dew Point	3100551	53401	57.4	6.071	930			1.1				93																							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

172.1 LAJES AB AZ 71-80 OCT MONTH
STATION STATION NAME YEARS

PAGE 1 0600-0800
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
74/ 73		.2	.3	.2																												7	7			
72/ 71		.3	1.9	.8	.2																												30	30	2	
71/ 69	.1	1.9	6.3	2.0	.2																											99	99	16	5	
68/ 67	.6	1.0	4.7	1.3	.8																											78	78	59	24	
66/ 65	.9	6.6	4.9	3.4	.9	.1																										156	156	114	50	
64/ 63	1.2	7.4	4.9	7.6	2.0	1.2																										227	227	126	124	
62/ 61	.9	3.0	4.3	4.3	2.4	.2																										140	140	155	118	
60/ 59	.5	2.6	3.0	2.6	1.6	.4																										100	100	106	138	
58/ 57	.1	1.1	1.6	.4																												30	30	123	96	
56/ 55	.3	.9	1.0	.4																												24	24	91	80	
54/ 53	.3	1.0	1.0	.1																												22	22	67	82	
52/ 51	.1	.2	.5																													6	6	38	71	
50/ 49		.3																														3	3	16	50	
48/ 47			.5																													5	5	7	32	
46/ 45			.1																													1	1	5	31	
44/ 43																																			1	17
42/ 41																																				11
40/ 39																																				1
TOTAL	5.1	26.5	35.3	23.2	8.1	1.9																											930	930	930	930
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	6073175	74451	80.1	1.029	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																								
Dry Bulb	3795986	59266	63.7	4.540	930			21.4	.7			93																								
Wet Bulb	3376055	55845	60.0	4.938	930			7.7				93																								
Dew Point	3087631	53283	57.3	6.126	930			2.9				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

1971 LAJES AB AZ 71-80 OCT 1800-2000
STATION STATION NAME YEARS MONTH HOURS U.S.T.

PAGE 1 1800-2000
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
75/75				.2														2	2																
74/73			.3	.6														9	9																
72/71		.5	2.9	2.7	.3													60	60	3															
71/69		2.5	10.4	2.2	.6													146	146	19	4														
69/67	.4	1.4	5.7	2.8	1.8	.1												114	114	94	29														
68/65	.2	7.3	6.0	5.4	1.9	.2	.1											197	197	159	62														
64/63	.1	4.3	4.3	8.9	3.0	.6												198	198	135	172														
62/61	.1	1.8	3.4	2.5	1.0	.4												86	86	123	109														
59/59		.5	2.6	3.5	2.2	.4												86	86	136	130														
57/57	.1	1.1	.5	.2														18	18	113	81														
55/55		.2	.4	.4														10	10	72	109														
54/53			.2															2	2	45	77														
52/51		.1	.1															2	2	20	56														
50/49																				10	30														
47/47																				1	27														
47/45																					29														
44/43																					10														
42/41																					5														
TOTAL	1.0	19.8	37.0	29.5	10.9	1.8	.1											930	930	930	930														
Element (X)	Σ X²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total																						
Rel. Hum.	5736	356	72426	77.9	10.166	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	3993909		60839	65.4	3.872	930			33.1	1.1			93																						
Wet Bulb	3509705		56977	61.3	4.519	930			11.6				93																						
Dew Point	3183655		54139	58.2	5.870	930			3.3				43																						

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17211 LAJES AB AZ 71-80 OCT 2100-2300
 STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300
 HOURS U.S.M.T.

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73		.2		.3	.1													6	6																
72/ 71		.3	3.8	1.6	.1													54	54	3	1														
70/ 69		2.2	7.8	1.0	.3	.2												107	107	11	4														
68/ 67	.4	2.7	7.7	2.8	1.6													142	142	30	29														
66/ 65	.5	8.0	5.1	2.7	.9	.3												162	162	145	78														
64/ 63	1.1	5.3	5.3	7.2	2.3	.6												202	202	163	164														
62/ 61	.4	2.8	3.7	3.4	1.0	.2												107	107	119	110														
60/ 59		2.0	2.5	2.7	.6	.2												75	75	124	109														
58/ 57		.8	2.5	.2	.3													35	35	111	97														
56/ 55		1.6	.8	.2														24	24	73	78														
54/ 53		.1	.5	.3														9	9	63	87														
52/ 51			.8															7	7	18	66														
50/ 49																				15	45														
48/ 47																				5	27														
46/ 45																					23														
44/ 43																					9														
42/ 41																					3														
TOTAL	2.5	25.9	40.3	22.5	7.2	1.6												930	930	930	930														
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	6054285		74451		80.1		10.066		930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																		
Dry Bulb	3895626		60062		64.6		4.234		930				30.9	.6			93																		
Wet Bulb	3467570		56622		60.9		4.663		930				9.4				93																		
Dew Point	3179295		54107		58.2		5.811		930				3.4				93																		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17211 LAJES AB AZ 71-81 OCT
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
75/ 77			.0	.1	.1	.0												20	20																
75/ 75			.2	.6	.4	.1	.0											97	97																
74/ 73		.3	.7	1.6	.6	.2	.1											259	259	1															
72/ 71		.6	3.4	2.7	1.3	.5	.1											632	632	58		4													
71/ 69	.1	2.0	7.8	2.4	1.3	.9	.1	.0										1082	1082	210		71													
69/ 67	.3	1.5	5.2	2.1	2.2	.8	.2											920	920	774		237													
66/ 65	.3	5.3	4.7	3.8	2.7	.5	.2											1304	1305	1116		531													
64/ 63	.8	4.7	4.0	6.5	2.4	1.2	.1											1464	1464	1118		1237													
62/ 61	.4	1.9	2.6	2.9	1.9	.4												747	747	1062		875													
61/ 59	.2	1.4	2.1	2.2	1.0	.3												534	534	991		1072													
57/ 57	.1	.7	1.0	.3	.0													150	150	845		645													
56/ 55	.1	.8	.4	.3														118	118	575		667													
54/ 53	.1	.3	.3	.1														55	55	418		680													
52/ 51	.0	.1	.3															38	38	158		516													
51/ 49		.0	.1															7	7	71		291													
49/ 47		.0	.1															10	10	30		249													
46/ 45			.0															1	1	10		198													
44/ 43																				1		94													
42/ 41																						44													
41/ 39																						0													
TOTAL	2.3	19.7	33.0	25.6	13.9	4.7	.7	.0											7438	7439		7438													

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	45114246	572288	77.0	1.444	7438							
Dry Bulb	32260868	488752	65.7	4.479	7439			301.0	37.6			74
Wet Bulb	28102174	455836	61.3	4.730	7438			104.3	.1			74
Dew Point	25380130	432168	58.1	6.025	7438			31.2				74

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

3

FEDERAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

121 LAJES AB AZ 71-80 NOV
 STATION STATION NAME YEARS MONTH

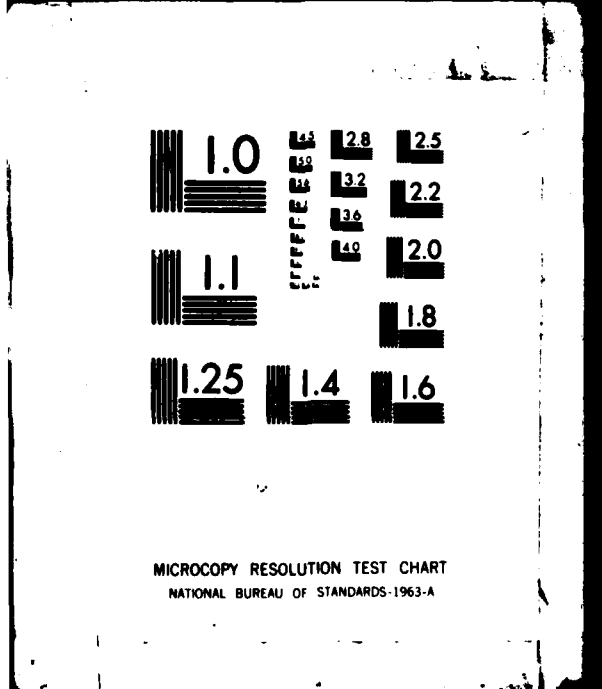
PAGE 1 0000-0

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	De.															
74/ 73			.3																														3	3		
72/ 71			.3																														3	3		
71/ 69			1.6																														14	14	3	
69/ 67			.3	7.0	.9	.2																											76	76	9	
68/ 65	.2	6.1	5.6	1.1	.2																												119	119	72	
64/ 63	.4	13.3	4.8	4.6	.3	.2																											213	213	135	
62/ 61	.2	3.9	7.1	3.4	2.2																												152	153	145	
61/ 59	.3	3.6	6.8	5.2	2.4	.6																											170	170	98	
60/ 57		2.1	1.7	1.9	.6																												56	56	127	
58/ 55	.1	1.1	1.7	1.3																													38	38	115	
54/ 53		1.0	1.2	.2																													22	22	69	
52/ 51	.1	.8	1.3																														20	20	64	
50/ 49		.3	.6																														8	8	38	
47/ 47		.4	.1																														5	5	20	
45/ 45																																				4
44/ 43																																				
42/ 41																																				
TOTAL	1.4	33.0	40.0	18.7	6.0	.8																												899	900	899

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$
Rel. Hum.	5931671	72505	80.7	9.677	899						
Dry Bulb	3465736	55710	61.9	4.385	900			9.6	.3		
Wet Bulb	3092871	52549	58.5	4.863	899			1.2			
Dew Point	2829897	50155	55.8	5.947	899			.3			

SAFETAC FORM JUN 71 0-26.3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

13227



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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 NOV
 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														
74/ 73			.1	.2														3	3																
72/ 71			.2															2	2																
71/ 69			1.7	.4														19	19	1															
68/ 67		.3	4.8	.9	.2													56	56	12	1														
66/ 65		6.7	4.1	1.0	.1													107	107	68	11														
64/ 63	.2	13.3	5.3	4.9	.6													219	219	128	110														
62/ 61	.6	2.9	8.0	2.8	1.4													141	141	129	103														
60/ 59	1.1	3.7	7.7	6.2	2.3	.7												195	195	107	126														
58/ 57	.3	2.6	1.7	2.2	.1													62	62	144	95														
56/ 55	.1	1.9	1.0	1.8														43	43	104	111														
54/ 53		1.0	1.6	.4														27	27	92	82														
52/ 51		.3	.7															9	9	53	71														
50/ 49		.6	.1															6	6	40	38														
48/ 47		.9	.1															9	9	12	67														
46/ 45		.2																2	2	9	55														
44/ 43																				1	15														
42/ 41																					13														
40/ 39																					1														
TOTAL	2.3	34.3	37.0	20.9	4.8	.7												900	900	900	900														
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	6007182	72978	81.1	9.985	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	900																							
Dry Bulb	3437191	55479	61.6	4.384	900			8.0	.3			900																							
Wet Bulb	3078067	52455	58.3	4.812	900			1.3				900																							
Dew Point	2620246	50109	55.7	5.905	900			.1				900																							

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

17271 LAJES AB AZ 71-80 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 0670-0870
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 75					.1													1	1																
74/ 73				.2														2	2																
70/ 69			1.4	.2	.4													19	19																
68/ 67			5.0	.9	.1													54	54	8															
66/ 65		7.5	4.3	.9	.1													115	115	63	5														
64/ 63	1.6	1.9	5.3	5.3	.8													224	224	136	112														
62/ 61	1.0	3.4	6.6	3.6	2.7	.1												156	156	143	115														
60/ 59	.3	2.8	6.8	4.7	1.7	.9	.1											155	155	90	129														
58/ 57	.1	2.8	2.0	1.3	1.0													65	65	136	77														
56/ 55		2.6	1.8	2.2	.1													60	60	110	91														
54/ 53		.7	1.6	.4														24	24	88	101														
52/ 51		.4	.6															9	9	51	72														
50/ 49		.4	.3															7	7	55	48														
48/ 47		.6																5	5	12	50														
46/ 45		.3																3	3	4	58														
44/ 43																				3	27														
42/ 41																					12														
40/ 39																					2														
38/ 37																					2														
TOTAL	3.0	33.4	35.7	19.8	7.0	1.0	.1												899		899														
																			899		899														

Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	5945148	72508	80.7	10.398	899			7.6	.3			90
Wet Bulb	3432063	55407	61.6	4.380	899			.8				90
Dew Point	3065639	52315	58.2	4.870	899							90
	2801811	49889	55.5	6.087	899							90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13201 LAJES AB AZ 71-80 NOV
 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
74/ 73				.3													3	3		
72/ 71			.8	.3	.4												14	14		
71/ 69		.1	5.1	1.6	.6												66	66	3	
69/ 67		.4	7.2	3.2	1.3												110	110	21	3
66/ 65	.1	7.7	4.9	5.1	1.2	.1											172	172	120	17
64/ 63	2.1	8.0	6.1	8.7	4.2	1.0	.1										272	272	155	150
62/ 61	.1	1.6	3.2	4.9	2.8		.2										115	115	142	112
60/ 59		1.3	2.9	4.1	2.4	1.0											106	106	125	131
58/ 57		.7	.9	1.2	.2												27	27	123	93
56/ 55		.2	.9	.1													11	11	98	89
54/ 53		.1	.2														3	3	58	81
52/ 51			.1														1	1	42	74
50/ 49																			13	22
48/ 47																				55
46/ 45																				26
44/ 43																				14
42/ 41																				10
40/ 39																				3
TOTAL	2.3	20.1	32.3	29.6	13.2	2.1	.3										900	900	900	900
Element (X)	Σx²		Σx		X̄	%	No. Obs.	Mean No. of Hours with Temperature						Total						
Rel. Hum.	5442853		69277		77.0	11.076	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90						
Dry Bulb	3716471		57749		64.2	3.494	900			19.3	.3			90						
Wet Bulb	3244190		53896		59.9	4.305	900			2.4				90						
Dew Point	2916731		50963		56.6	5.865	900			.3				90						

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

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FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19201 LAJES AB AZ 71-80 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.1	.3	.2													6	6		
72/ 71			2.0	1.8	2.1													53	53		
71/ 69		.9	8.0	3.3	2.0	.4												132	132	4	
69/ 67		.2	6.9	3.3	4.7	.7	.1	.1										144	144	48	4
66/ 65	.3	5.4	4.9	6.8	3.4	1.2	.2											201	201	141	32
64/ 63	.7	3.7	4.3	7.3	4.9	1.7	.2											205	205	145	136
62/ 61	.2	1.1	1.6	2.9	4.0	.7	.2											96	96	152	124
60/ 59		.4	.6	2.4	1.2	1.2												53	53	133	130
56/ 57		.2	.4		.1													7	7	112	94
50/ 55				.2														2	2	81	95
44/ 53		.1																1	1	58	67
52/ 51																				23	70
50/ 49																				3	54
45/ 47																					37
45/ 45																					26
44/ 43																					14
42/ 41																					17
TOTAL	1.2	12.1	28.8	28.4	22.7	5.9	.8	.1										900	900	900	900
Element (X)	Σx ²	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4985683	66201	73.6	1.367	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3897158	59148	65.7	3.327	900			33.5	.6			90									
Wet Bulb	3323748	54564	60.6	4.181	900			5.2				90									
Dew Point	2937702	51142	56.8	5.927	900			.8				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

13201 LAJES AB AZ 71-80 NOV
 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																
74/ 73			.1		.2													3	3																		
72/ 71			1.1	1.0	.8													26	26																		
70/ 69		.3	6.1	2.3	1.2		.1											91	91	3																	
68/ 67		.1	7.9	4.0	2.7	.4												136	136	24	3																
66/ 65		5.9	6.0	5.8	2.4	.2												183	183	112	19																
64/ 63	.9	4.9	5.2	9.1	4.2	.9												227	227	163	126																
62/ 61	.1	1.1	3.9	5.2	3.7	.7												132	132	146	112																
60/ 59		1.3	1.3	3.6	1.7	1.1												81	81	130	138																
58/ 57		.3	.9	.9														19	19	134	106																
56/ 55			.2															2	2	102	105																
54/ 53																				51	70																
52/ 51																				34	81																
50/ 49																				1	57																
48/ 47																					33																
46/ 45																					28																
44/ 43																					10																
42/ 41																					12																
TOTAL	1.0	14.0	32.8	31.9	16.9	3.3	.1											900	900	900	900																

Element (X)	Z _g	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5172039	67581	75.1	0.408	900							
Dry Bulb	3793484	58352	64.8	3.368	900			25.6	.3			90
Wet Bulb	3270124	54126	60.1	4.083	900			2.7				90
Dew Point	2911451	50941	56.6	5.594	900			.3				90

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

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13201 LAJES AB AZ 71-80 NCV
 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																	
72/ 71			1.2																														11	11				
70/ 69		.1	1.9	.3																													21	21	3			
68/ 67			6.8	1.2	.8																												79	79	13	3		
66/ 65		6.0	5.7	2.2	.2																												127	127	65	13		
64/ 63	1.7	11.7	7.4	7.0	.6																												255	255	139	101		
62/ 61	.4	2.6	5.9	6.0	1.4																												147	147	170	117		
60/ 59		2.2	6.8	6.0	2.2	.6																											160	160	98	146		
58/ 57		.9	1.6	2.4	.3																												47	47	148	87		
56/ 55		1.2	1.0	.9																														28	28	122	102	
54/ 53		.7	1.3																															18	18	52	86	
52/ 51		.3	.4																															7	7	60	103	
50/ 49																																				28	40	
48/ 47																																			2	49		
46/ 45																																				38		
44/ 43																																				9		
42/ 41																																				4		
40/ 39																																				2		
TOTAL	2.1	25.7	40.0	26.1	5.6	.6																													900	900	950	900
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	5768173		71551		79.5	9.421	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																								
Dry Bulb	3548981		56411		62.7	3.832	900			11.1				90																								
Wet Bulb	3149212		53092		59.0	4.381	900			1.6				90																								
Dew Point	2866100		50546		56.2	5.513	900			.3				90																								

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 NOV
 STATION STATION NAME YEARS MONTH
 PAGE 1 2100-2300
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73			.1															1	1																
72/ 71			.9	.6														13	13	1															
70/ 69		.1	2.4	.1	.1													25	25	1	1														
68/ 67		1.4	7.4	2.3	.6													106	106	14	3														
66/ 65	.6	7.0	6.2	2.0	.2													144	144	89	30														
64/ 63	1.0	8.6	6.1	5.6	.8	.1												199	199	139	111														
62/ 61	.3	4.0	5.3	5.2	1.0	.2												145	145	149	109														
60/ 59	.1	3.0	5.6	3.9	2.2	.3												136	136	102	152														
58/ 57		1.1	2.6	2.0	.4													55	55	134	76														
56/ 55		.9	1.6	.7														28	28	109	108														
54/ 53		1.3	1.2	.2														25	25	60	90														
52/ 51		.6	1.0															14	14	59	83														
50/ 49		.6	.4															9	9	33	52														
48/ 47																				8	47														
46/ 45																				2	40														
44/ 43																					12														
42/ 41																					4														
40/ 39																					2														
TOTAL	2.0	28.6	40.9	22.6	5.3	.7												900	900	900	900														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	5900893	72367	80.4	9.552	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	3531437	56247	62.5	4.243	900			14.5	.1			90																							
Wet Bulb	3150347	53081	59.0	4.680	900			1.6				90																							
Dew Point	2880902	50658	56.3	5.731	900			.4				90																							

USAETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19211 LAJES AB 42 71-80 YEARS NOV MONTH

PAGE 1 ALL HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
76/ 75					.4																												1	1				
74/ 73			.1	.1	.1																													21	21			
72/ 71			.8	.5	.4																													122	122	1		
70/ 69		.2	3.5	1.0	.5	.1	.0																											387	387	16	1	
68/ 67		.4	6.6	2.1	1.3	.1	.0	.0																										761	761	149	20	
66/ 65	.2	6.5	5.2	3.1	1.0	.2	.0																											1168	1168	730	138	
64/ 63	1.1	9.4	5.6	6.6	2.0	.5	.0																											1814	1814	1140	945	
62/ 61	.4	2.6	5.2	4.3	2.4	.2	.1																											1084	1085	1176	920	
60/ 59	.2	2.3	4.8	4.5	2.0	.8	.0																											1056	1056	883	1064	
58/ 57	.1	1.3	1.5	1.5	.3																													338	338	1056	721	
56/ 55	.0	1.0	1.0	.9	.3																													212	212	841	788	
54/ 53		.6	.9	.2																														120	120	528	661	
52/ 51	.4	.3	.5																															60	60	386	625	
50/ 49		.2	.2																															30	30	211	360	
48/ 47		.2	.0																															19	19	54	388	
46/ 45		.1																																5	5	19	330	
44/ 43																																					4	121
42/ 41																																					64	
40/ 39																																					10	
38/ 37																																					2	
TOTAL	1.9	25.1	35.9	24.7	10.2	1.9	.2	.0																											7198	7198	7198	

Element (X)	Z _x '	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	45153642	564968	78.5	0.606	7198	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	28822521	454503	63.1	4.214	7199			129.2	2.2			720
Wet Bulb	25374198	426078	59.2	4.610	7198			16.8				720
Dew Point	22964840	404394	56.2	5.839	7198			2.1				720

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

1271 LAJES AB AZ 71-80 05C
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
 HOURS PER YEAR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																		
67/ 67			.6	.1																												7	7				
65/ 65		1.0	1.6	.3	.1																												28	28	2		
63/ 63		6.6	4.8	3.0	.5	.1																											140	140	38	11	
61/ 61	.1	3.5	7.3	2.4	1.3																												136	136	82	39	
59/ 59	1.1	4.6	8.7	7.8	3.1	.3																											239	239	110	101	
57/ 57	.3	5.6	3.7	4.2	1.8	.1																											146	146	127	90	
55/ 55	.3	4.0	3.8	3.5	.8																												115	115	161	121	
53/ 53	.1	1.4	2.3	1.3	.4																												51	51	137	97	
51/ 51		1.1	1.2	.6																													27	27	116	91	
49/ 49		1.2	1.2																														22	22	80	90	
47/ 47		.5	.5																														10	10	52	93	
45/ 45		.5	.1																														6	6	16	90	
43/ 43		.1																															1	1	7	49	
41/ 41		.2																															2	2	2	44	
39/ 39																																					13
37/ 37																																				1	
TOTAL	1.9	30.3	35.8	23.3	8.1	.5																												930	930	930	930

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	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	3218408	54570	58.7	4.199	930				.7			93
Wet Bulb	2835688	51180	55.0	4.539	930							93
Dew Point	2542209	48337	52.0	5.671	930							93

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 DFC
 STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
67/67			.9	.2	.2																											12	12				
66/65		1.5	1.1	.3																												27	27	4			
64/63	.2	5.4	4.9	3.5																												131	131	38	14		
62/61	.4	4.1	5.7	1.4	.8	.1																										116	116	78	42		
59/59	1.0	5.1	8.8	8.6	2.7	.1																										244	244	89	97		
57/57	.5	5.4	3.0	2.8	1.5																											123	123	152	73		
55/55	.3	3.3	2.7	5.5	1.4																											123	123	137	139		
54/53	.2	1.7	2.5	1.1	.4																											55	55	133	88		
52/51	.2	2.7	2.0	.2	.1																												49	49	96	100	
50/49		1.3	.9	.2	.2																												24	24	114	73	
48/47		1.5	.5																														19	19	58	84	
46/45		.8																															7	7	23	109	
44/43																																			8	50	
42/41																																				43	
40/39																																				6	
38/37																																				3	
36/35																																				3	
34/33																																				1	
TOTAL	2.9	32.7	33.0	23.9	7.3	.2																												930	930	930	930
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	5967656	73836	79.4	10.659	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	3182262	54246	58.3	4.420	930			1.2				93																									
Wet Bulb	2815197	50979	54.8	4.723	930							97																									
Dew Point	2529291	48195	51.8	5.842	930							97																									

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

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FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1971 LAJES AB AZ 71-80 DEC 1970-1100

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														
70/ 69				.1	.1													2	2																
69/ 67			1.6	.9	.2													25	25																
68/ 65		1.5	3.0	.9	.1													51	51	7															
64/ 63		7.1	6.0	6.2	1.1	.2												192	192	59	14														
62/ 61	.2	2.7	6.9	3.5	2.8	.1												151	151	115	61														
60/ 59	.3	6.3	8.2	10.3	2.8	.2												262	262	102	120														
58/ 57	.2	2.9	3.7	2.5	3.2													116	116	167	94														
56/ 55		1.0	2.4	3.2	.6	.1												69	69	154	129														
54/ 53	.2	.9	.9	1.0	.4													31	31	130	94														
52/ 51		.8	.6	.6														19	19	76	90														
50/ 49		.3	.3															6	6	78	82														
48/ 47		.2	.1															3	3	26	87														
46/ 45		.3																3	3	14	68														
44/ 43																					2														
42/ 41																					42														
40/ 39																					4														
38/ 37																					4														
36/ 35																					3														
TOTAL	1.0	24.0	33.7	29.2	11.5	.6												930	930	930	930														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	5614139	71587	77.0	10.566	930							93
Dry Bulb	3378249	55935	60.1	3.886	930			2.7				93
Wet Bulb	2946829	52189	56.1	4.417	930							93
Dew Point	2617794	49048	52.7	5.778	930							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

17201 LAJES AB AZ 71-80 DEC
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																			
70/ 71			.1	.1	.2	.1																											5	5						
70/ 69			.4	.9	.5																													17	17					
69/ 67			2.5	1.1	.6																													39	39	1				
66/ 65		2.4	3.6	3.7	1.2																													100	100	14				
64/ 63	.1	4.3	6.0	9.8	4.7	.8																												239	239	82	18			
62/ 61	.1	3.0	5.2	6.9	3.9	.2																												179	179	113	72			
60/ 59	1.1	4.2	5.9	9.1	6.1	.3																												248	248	137	114			
58/ 57		.6	1.3	1.5	1.8																														49	49	179	116		
56/ 55		.5	.3	2.0	.6																														33	33	161	113		
54/ 53		.3	.5	.6	.1																														15	15	121	105		
52/ 51				.2																															2	2	60	89		
50/ 49				.1																															1	1	43	86		
48/ 47																																						13	68	
46/ 45																																					2	79		
44/ 43																																						1	33	
42/ 41																																							25	
40/ 39																																							6	
38/ 37																																							1	
TOTAL	1.3	15.4	25.9	36.0	20.0	1.4																															927	927	927	927
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																		
Rel. Hum.	5148036	68372	73.8	10.657	927	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																												
Dry Bulb	3562076	57374	61.9	3.459	927			6.1				93																												
Wet Bulb	3042043	52069	57.1	4.076	927			.1				93																												
Dew Point	2655642	49346	53.2	5.583	927							93																												

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

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 13201 LAJES AB AZ STATION NAME 71-80 YEARS DEC
 MONTH 1960-1960
 HOURS 1500-1700

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
72/ 71				.1																													1	1					
70/ 69			.2	.5	.1																													8	8				
68/ 67			1.5	1.2	.5																													30	30				
66/ 65		1.5	4.0	2.2	.2																													73	73		9		
64/ 63		5.0	6.4	8.2	1.9	.2																												201	201	63	13		
62/ 61	.1	2.9	6.6	7.3	3.6																													190	190	107	54		
60/ 59	.6	4.7	7.9	10.6	4.4	.6																												268	268	129	120		
58/ 57	.1	2.0	2.0	2.5	2.0																													81	31	182	105		
56/ 55		.1	.9	3.3	.9																													48	48	179	133		
54/ 53	.2	.6	.4	.6	.1																													19	19	103	100		
52/ 51		.1	.4																															5	5	73	102		
50/ 49																																					66	96	
48/ 47				.2																														2	2	12	54		
46/ 45			.1																															1	1	1	60		
44/ 43																																					38		
42/ 41																																				3	22		
40/ 39																																					6		
38/ 37																																					2		
36/ 35																																					2		
TOTAL	1.1	17.0	30.4	36.8	13.8	.9																														927	927		927
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total																						
Rel. Hum.	5334896		69702		75.2		10.072		927		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93																						
Dry Bulb	3470465		56627		61.1		3.498		927				3.9				93																						
Wet Bulb	2991010		52520		56.7		4.084		927								93																						
Dew Point	2633733		49153		53.0		5.445		927								93																						

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10201 LAJES AB AZ 71-80 DEC
 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														
60/ 67			.8	.2	.3													12	12																
66/ 65		.6	2.8	1.3														44	44		4														
64/ 63		5.8	5.2	3.2														132	132	40	11														
62/ 61	.3	3.7	7.0	2.5	1.9	.2												145	145	90	43														
60/ 59	.6	7.2	10.3	10.3	2.2													283	283	116	91														
58/ 57	.6	4.0	5.1	4.3	1.4	.3												146	146	153	138														
56/ 55		1.9	2.6	3.0	.9													78	78	152	110														
54/ 53		1.4	1.7	1.5	.3													46	46	150	87														
52/ 51		.5	1.8	.4														26	26	99	105														
50/ 49			1.0		.1													10	10	66	97														
48/ 47	.1	.1																2	2	44	84														
46/ 45		.1		.1														2	2	10	81														
44/ 43																				1	40														
42/ 41																				1	26														
40/ 39																					10														
38/ 37																					1														
36/ 35																					2														
TOTAL	1.7	25.5	38.2	26.9	7.1	.5													926	926	926	926													
																						926		926											
																						Mean No. of Hours with Temperature													
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.	5778330	72588	78.4	9.767	926							93																							
Dry Bulb	3274725	54957	59.3	3.762	926			1.2				93																							
Wet Bulb	2879197	51483	55.6	4.273	926							93																							
Dew Point	2579816	48614	52.5	5.466	926							93																							

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14201 LAJES AB AZ STATION NAME 71-80 YEARS OFC MONTH

PAGE 1 2100-2300 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po.																	
7 / 69			.2																														2	2				
6 / 67			1.4	.3	.1																												17	17				
66 / 65		1.5	2.6	.9	.4																												50	50		4		
64 / 63	.1	5.1	6.0	2.5	.3																												130	130		41		
62 / 61	.3	4.7	5.3	3.6	1.0	.2																												140	140		89	
60 / 59	.2	6.6	7.3	6.8	2.0																													213	213		122	
58 / 57	.3	5.5	6.4	5.0	1.6	.1																												175	175		136	
56 / 55	.1	2.9	2.4	4.0	.9	.1																												96	96		164	
54 / 53		1.7	1.9	1.4	.6																													53	53		138	
52 / 51		1.0	1.7	.6	.1																													32	32		101	
50 / 49		.3	.9																															11	11		74	
48 / 47		.4	.1																															5	5		39	
46 / 45		.2																																2	2		16	
44 / 43		.2																																2	2		4	
42 / 41																																						
40 / 39																																						
38 / 37																																						
36 / 35																																						
TOTAL	1.1	30.2	36.2	25.0	7.1	.4																													928	928		928
Element (X)	Σx^2		Σx		\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	5878970		73280		79.0	9.983	928	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb	3259234		54872		59.1	3.981	928			1.9				9																								
Wet Bulb	2876637		51505		55.5	4.413	928							9																								
Dew Point	2584973		48701		52.5	5.609	928							9																								

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17201 LAJES AB AZ 71-80 DEC
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS 11 5 7 11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71			.0	.0	.0	.0												6	6																
71/ 69			.1	.2	.1													29	29																
69/ 67			1.2	.5	.3													147	147	1															
66/ 65		1.4	2.5	1.3	.3	.0												402	402	44															
64/ 63	.1	5.7	5.5	4.8	1.1	.2												1296	1296	401	110														
62/ 61	.2	3.4	6.4	3.8	2.1	.1												1191	1191	759	395														
61/ 59	.7	5.4	8.3	8.9	3.4	.2												2005	2005	896	819														
60/ 57	.3	3.9	3.7	3.3	1.9	.1												982	982	1234	819														
56/ 55	.2	2.1	2.2	3.6	.9	.0												673	673	1261	993														
54/ 53	.1	1.3	1.5	1.1	.4													331	331	1057	766														
52/ 51	.0	.8	1.1	.4	.0													178	178	738	794														
50/ 49		.5	.7	.0	.0													98	98	603	711														
48/ 47	.0	.6	.2	.1														61	61	296	603														
46/ 45		.3	.0	.0														23	23	103	695														
44/ 43		.1																4	4	27	349														
42/ 41		.0																2	2	8	267														
40/ 39																					72														
38/ 37																					22														
36/ 35																					12														
34/ 33																					1														
TOTAL	1.8	25.6	33.5	28.0	10.5	.6													7428	7428	7428	7428													
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	45475007	575901	77.5	10.538	7428	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	744																							
Dry Bulb	26553758	443070	59.6	4.106	7428			18.2				744																							
Wet Bulb	23215603	413945	55.7	4.455	7428			.1				744																							
Dew Point	20673977	389607	52.5	5.669	7428							744																							

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

17201 LAJES AB AZ 71-81 ALL
STATION MONTH YEARS

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														
84/ 83					.0	.0	.0											5	5																
82/ 81			.0	.1	.1	.1	.0	.0										241	241																
80/ 79			.0	.1	.2	.2	.0	.0										440	440																
78/ 77	.0	.0	.1	.5	.7	.3	.1	.0	.0									1461	1461	9	1														
76/ 75	.0	.1	.4	.9	.8	.3	.0	.0										2270	2270	65	13														
74/ 73	.0	.3	.6	1.8	.9	.4	.1	.0										3520	3520	463	77														
72/ 71	.0	.4	2.1	1.5	1.4	.3	.0	.0										5025	5025	1516	341														
70/ 69	.0	1.0	3.6	1.6	1.1	.4	.0	.0										6790	6790	2878	1295														
68/ 67	.1	.5	3.1	1.2	1.0	.3	.0	.0										5337	5337	5858	2175														
66/ 65	.1	2.8	3.0	1.9	.8	.1	.0	.0										7699	7700	7379	3977														
64/ 63	.5	4.9	3.8	3.5	1.0	.3	.0											12261	12261	9044	9035														
62/ 61	.3	2.8	4.1	2.5	1.3	.1	.0											9712	9713	9806	7669														
60/ 59	.3	3.5	5.3	3.7	1.6	.2	.0											12788	12788	8942	10994														
58/ 57	.3	2.4	2.6	2.3	.9	.0	.0											7480	7480	10492	8300														
56/ 55	.2	1.6	1.7	2.4	.4	.0												5624	5624	9342	8868														
54/ 53	.1	.8	1.6	.9	.3	.0												3321	3322	7163	7763														
52/ 51	.1	.5	1.2	.3	.0	.0												1858	1858	5470	6668														
50/ 49	.0	.3	.5	.1	.0	.0												816	816	5046	4511														
48/ 47	.0	.3	.2	.1	.0													560	560	2423	4648														
46/ 45	.0	.2	.1	.0	.0													287	287	1192	4914														
44/ 43	.0	.1	.0	.0														126	126	352	2917														
42/ 41		.0	.0															25	25	159	2340														
40/ 39																				42	646														
38/ 37																				5	294														
36/ 35																					149														
34/ 33																					39														
32/ 31																					7														
30/ 29																					4														
28/ 27																					1														
TOTAL	2.1	22.7	33.9	25.5	12.5	2.9	.4	.0	.0										87649		87646														
																			87646		87646														

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	537266796	6797814	77.6	10.697	87646	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	352913793	5531709	63.1	6.581	87649			2509.1	793.7	42.4		8760
Wet Bulb	307931700	5165952	58.9	6.269	87646			1078.9	53.7			8760
Dew Point	277463057	4891567	55.8	7.135	87646			1.2	390.2	9.1		8760

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

172.1 LAJES AB AZ

71-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-02		MEAN 56.3	55.5	56.0	56.8	59.3	62.8	66.5	68.1	67.3	64.1	61.9	59.7	61.1
		S.D. 4.316	4.585	4.375	3.550	3.703	3.544	3.749	3.950	4.004	4.338	4.385	4.199	6.006
		TOTAL OBS 930	849	930	900	930	900	930	930	900	930	900	930	10959
3-05		MEAN 56.0	55.4	55.6	56.4	58.8	62.3	65.9	67.5	66.9	63.8	61.6	58.6	60.8
		S.D. 4.324	4.592	4.103	3.665	4.039	3.778	4.037	4.343	4.028	4.454	4.384	4.125	6.019
		TOTAL OBS 930	849	930	900	930	900	930	930	900	930	900	930	10959
6-09		MEAN 56.0	55.1	55.6	57.1	60.2	63.7	67.5	68.8	67.4	63.7	61.6	58.3	61.3
		S.D. 4.386	4.823	4.152	3.374	3.758	3.385	3.826	4.255	3.980	4.540	4.380	4.420	6.286
		TOTAL OBS 930	849	930	900	930	900	930	930	900	930	899	930	10958
9-11		MEAN 57.9	57.3	58.6	60.1	63.8	67.2	71.6	73.6	71.9	67.2	64.2	60.1	64.5
		S.D. 3.689	3.992	3.544	2.931	3.750	3.217	3.339	3.312	3.367	3.713	3.494	3.886	6.583
		TOTAL OBS 930	849	929	900	930	900	930	930	899	930	900	930	10957
12-14		MEAN 59.9	59.2	60.4	61.6	65.1	68.6	73.1	75.2	73.4	68.8	65.7	61.9	66.1
		S.D. 3.260	3.744	3.498	2.941	3.705	3.331	3.507	3.531	3.487	3.676	3.327	3.459	6.465
		TOTAL OBS 930	849	930	900	930	900	930	930	900	929	900	927	10955
15-17		MEAN 59.5	58.6	59.9	61.1	64.8	68.4	73.0	74.8	72.8	68.0	64.8	61.1	65.6
		S.D. 3.197	3.801	3.569	2.987	3.653	3.388	3.433	3.416	3.437	3.562	3.368	3.498	6.491
		TOTAL OBS 930	849	930	900	930	900	930	930	900	930	900	927	10956
18-20		MEAN 57.4	56.6	57.9	59.1	62.5	66.5	70.8	72.2	70.1	65.4	62.7	59.3	63.4
		S.D. 3.677	3.945	3.658	2.958	3.500	3.102	3.198	3.076	3.255	3.872	3.832	3.762	6.360
		TOTAL OBS 930	848	929	900	930	900	930	930	900	930	900	926	10953
21-23		MEAN 56.9	56.1	56.9	57.7	60.6	64.3	67.9	69.6	68.3	64.6	62.5	59.1	62.1
		S.D. 4.146	4.295	3.972	3.293	3.486	3.191	3.307	3.448	3.765	4.234	4.243	3.981	5.997
		TOTAL OBS 930	847	928	900	930	900	929	930	900	930	900	928	10952
ALL HOURS		MEAN 57.5	56.7	57.6	58.7	61.9	65.5	69.5	71.2	69.8	65.7	63.1	59.6	63.1
		S.D. 4.145	4.469	4.226	3.740	4.370	4.109	4.488	4.691	4.432	4.479	4.214	4.106	6.581
		TOTAL OBS 7440	6789	7436	7200	7440	7200	7439	7440	7199	7439	7199	7428	87649

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AT WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17201 LAJES AB AZ

71-81

STATION		STATION NAME												YEARS
HRS	LIST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	52.0	52.2	52.9	53.8	56.2	60.0	63.3	64.6	63.7	60.5	58.5	55.0	57.8
	S.D.	4.497	5.174	4.465	4.100	4.229	3.823	3.492	3.951	4.097	4.768	4.863	4.539	6.166
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	899	930	10958
3-05	MEAN	52.6	52.3	52.6	53.5	55.8	59.6	62.9	64.1	63.5	60.1	58.3	55.0	57.5
	S.D.	4.576	5.158	4.510	4.079	4.482	4.023	3.721	4.233	4.145	4.884	4.812	4.528	6.177
	TOTAL OBS	930	849	930	900	929	900	930	930	900	930	900	930	10958
6-04	MEAN	52.5	52.1	52.6	53.9	56.8	60.6	63.9	65.0	63.8	60.0	58.2	54.8	57.9
	S.D.	4.506	5.179	4.579	3.955	4.272	3.690	3.498	4.070	4.112	4.938	4.870	4.723	6.336
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	899	930	10958
9-11	MEAN	53.9	53.5	54.5	55.8	58.8	62.4	65.9	67.4	66.1	62.2	59.9	56.1	59.7
	S.D.	4.114	4.613	4.224	3.545	4.089	3.300	3.150	3.562	3.632	4.421	4.305	4.417	6.249
	TOTAL OBS	930	849	929	900	930	900	930	930	899	930	900	930	10957
12-14	MEAN	55.1	54.5	55.6	56.7	59.5	63.2	66.6	68.1	66.7	62.9	60.6	57.1	60.6
	S.D.	3.840	4.419	4.120	3.404	3.932	3.223	3.238	3.637	3.658	4.376	4.181	4.076	6.054
	TOTAL OBS	930	849	930	900	930	900	930	930	900	929	900	927	10955
15-17	MEAN	54.8	54.1	55.4	56.4	59.3	63.1	66.4	67.8	66.3	62.4	60.1	56.7	60.3
	S.D.	3.897	4.447	4.156	3.478	3.936	3.230	3.180	3.599	3.633	4.358	4.083	4.094	6.078
	TOTAL OBS	930	849	930	900	930	900	930	930	900	929	900	927	10955
18-20	MEAN	53.6	52.9	54.2	55.1	58.1	62.1	65.4	66.8	65.1	61.3	59.0	55.6	59.1
	S.D.	4.224	4.648	4.239	3.527	3.909	3.279	3.076	3.450	3.735	4.519	4.381	4.273	6.173
	TOTAL OBS	930	848	929	900	930	900	930	930	900	930	900	926	10953
21-23	MEAN	53.3	52.7	53.7	54.5	57.2	61.1	64.3	65.7	64.3	60.9	59.0	55.5	58.9
	S.D.	4.535	4.948	4.487	3.828	4.147	3.549	3.264	3.693	3.988	4.663	4.680	4.413	6.150
	TOTAL OBS	930	847	928	900	930	900	929	930	900	930	900	928	10952
ALL HOURS	MEAN	53.6	53.0	53.9	55.0	57.7	61.5	64.8	66.2	64.9	61.3	59.2	55.7	58.9
	S.D.	4.374	4.907	4.492	3.914	4.338	3.755	3.590	4.042	4.064	4.730	4.610	4.455	6.269
	TOTAL OBS	7440	6789	7436	7200	7439	7200	7439	7440	7199	7438	7198	7428	87648

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1721 LAJES AB AZ

71-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-02	MEAN	49.7	49.2	50.2	51.2	53.7	57.9	61.2	62.4	61.4	57.8	55.8	52.0	55.2
	S.D.	5.714	6.515	5.549	5.220	5.302	4.645	3.981	4.721	4.914	5.951	5.947	5.671	7.109
	TOTAL OBS.	930	849	930	900	930	900	930	930	900	930	899	930	10958
3-05	MEAN	49.5	49.3	49.9	51.0	53.3	57.6	60.9	61.9	61.2	57.4	55.7	51.8	55.0
	S.D.	5.839	6.466	5.630	5.091	5.515	4.802	4.133	4.889	4.954	6.071	5.905	5.783	7.116
	TOTAL OBS.	930	849	930	900	929	900	930	930	900	930	900	930	10958
6-08	MEAN	49.4	49.2	49.9	51.3	54.1	58.3	61.6	62.7	61.4	57.3	55.5	51.8	55.2
	S.D.	5.618	6.322	5.751	5.123	5.451	4.658	4.055	4.760	5.003	6.126	6.087	5.842	7.242
	TOTAL OBS.	930	849	930	900	930	900	930	930	900	930	899	930	10958
9-11	MEAN	50.4	50.1	51.0	52.1	55.0	59.1	62.4	63.7	62.6	58.6	56.6	52.7	56.2
	S.D.	5.515	6.011	5.780	5.007	5.446	4.537	4.107	4.752	4.893	6.062	5.865	5.778	7.192
	TOTAL OBS.	930	849	929	900	930	900	930	930	899	930	900	930	10957
12-14	MEAN	51.0	50.5	51.6	52.6	55.3	59.5	62.7	64.0	62.6	58.8	56.8	53.2	56.6
	S.D.	5.411	6.040	5.697	4.845	5.287	4.390	4.189	4.775	4.908	6.077	5.927	5.583	7.072
	TOTAL OBS.	930	849	930	900	930	900	930	930	900	929	900	927	10955
15-17	MEAN	50.8	50.2	51.6	52.4	55.1	59.5	62.5	63.9	62.5	58.5	56.6	53.0	56.4
	S.D.	5.466	5.973	5.646	4.864	5.255	4.378	4.047	4.719	4.917	6.071	5.594	5.445	7.034
	TOTAL OBS.	930	849	930	900	930	900	930	930	900	929	900	927	10955
18-20	MEAN	50.2	49.5	51.1	51.9	54.6	59.1	62.1	63.6	62.0	58.2	56.2	52.5	55.9
	S.D.	5.661	6.154	5.509	4.740	5.145	4.377	3.927	4.547	4.939	5.870	5.513	5.466	7.048
	TOTAL OBS.	930	848	929	900	930	900	930	930	900	930	900	926	10953
21-23	MEAN	50.2	49.6	50.9	51.8	54.4	58.9	62.0	63.3	61.8	58.2	56.3	52.5	55.9
	S.D.	5.832	6.374	5.670	4.886	5.330	4.436	3.956	4.555	4.953	5.811	5.731	5.609	7.098
	TOTAL OBS.	930	847	928	900	930	900	929	930	900	930	900	926	10952
ALL HOURS	MEAN	50.2	49.7	50.8	51.8	54.4	58.7	61.9	63.2	61.9	58.1	56.2	52.5	55.8
	S.D.	5.656	6.249	5.689	5.001	5.380	4.580	4.092	4.767	4.963	6.025	5.839	5.669	7.135
	TOTAL OBS.	7440	6789	7436	7200	7439	7200	7439	7440	7199	7438	7198	7428	87646

3
 GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13201 LAJES AB AZ 71-81 ALL
 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	100.0	100.0	100.0	99.4	92.0	75.4	36.7	11.2	77.0	7440
FEB		100.0	100.0	100.0	100.0	99.8	93.7	75.9	39.8	13.3	77.6	6789
MAR		100.0	100.0	100.0	100.0	99.9	94.4	78.9	40.2	13.8	76.4	7436
APR		100.0	100.0	100.0	100.0	100.0	95.4	78.1	39.4	12.9	78.2	7200
MAY		100.0	100.0	100.0	100.0	99.8	92.9	73.3	37.7	10.7	77.1	7439
JUN		100.0	100.0	100.0	100.0	99.8	96.0	79.1	47.6	15.4	79.3	7200
JUL		100.0	100.0	100.0	100.0	99.9	95.7	73.2	41.0	8.8	77.2	7439
AUG		100.0	100.0	100.0	100.0	99.6	93.0	69.3	39.4	7.4	76.2	7440
SEP		100.0	100.0	100.0	100.0	99.5	92.8	71.1	40.0	7.4	76.6	7199
OCT		100.0	100.0	100.0	100.0	99.0	90.6	72.9	41.6	12.6	77.1	7438
NOV		100.0	100.0	100.0	100.0	99.4	93.8	78.4	46.5	13.2	78.5	7198
DEC		100.0	100.0	100.0	100.0	99.9	93.7	75.8	40.1	11.1	77.5	7428
TOTALS		100.0	100.0	100.0	100.0	99.7	93.7	75.1	40.8	11.5	77.6	87646

U S AIR FORCE
 ENVIRONMENTAL TECHNICAL
 APPLICATIONS CENTER

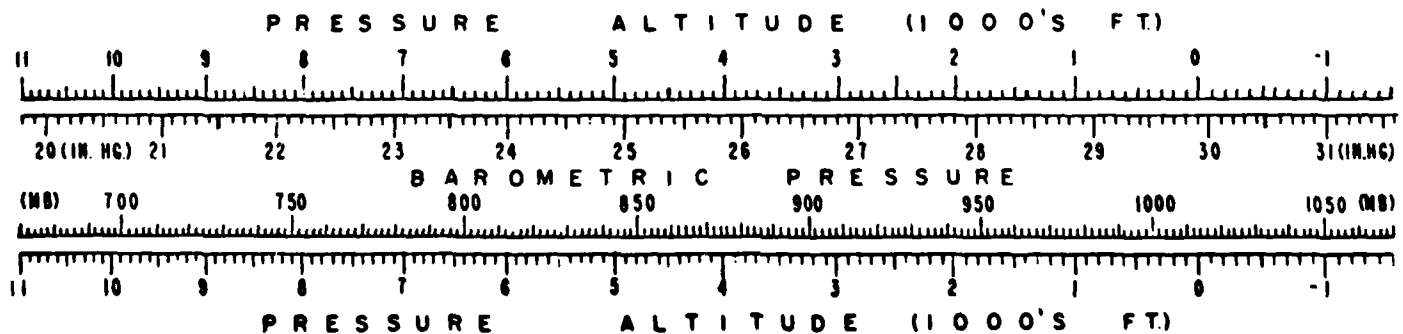
PART F PRESSURE SUMMARY

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
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESURE IN INCHES HG FROM HOURLY OBSERVATIONS

1721 LAJES AB AZ 71-81

STATION	STATION NAME	YEARS												
HRS. LIST		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
07		MEAN 29.957	29.872	29.944	29.939	29.994	30.054	30.064	30.003	29.951	29.895	29.945	29.922	29.962
		S.D. .308	.374	.280	.249	.190	.187	.154	.154	.187	.220	.269	.303	.253
		TOTAL OBS 310	283	310	300	310	300	310	310	300	310	300	310	3653
08		MEAN 29.946	29.848	29.925	29.921	29.976	30.038	30.047	29.986	29.935	29.880	29.933	29.912	29.946
		S.D. .307	.379	.277	.248	.189	.186	.154	.154	.187	.223	.270	.307	.254
		TOTAL OBS 310	283	310	300	310	300	310	310	300	310	300	310	3653
09		MEAN 29.959	29.865	29.943	29.940	30.000	30.059	30.067	30.005	29.952	29.894	29.947	29.925	29.964
		S.D. .304	.376	.275	.247	.186	.186	.155	.154	.186	.223	.270	.305	.253
		TOTAL OBS 310	283	310	300	310	300	310	310	300	310	300	310	3653
11		MEAN 29.993	29.891	29.963	29.956	30.011	30.070	30.076	30.017	29.973	29.915	29.972	29.957	29.983
		S.D. .302	.376	.277	.246	.186	.185	.156	.154	.184	.225	.274	.302	.252
		TOTAL OBS 310	283	310	300	310	300	310	310	300	310	300	310	3653
14		MEAN 29.949	29.869	29.943	29.945	30.007	30.065	30.072	30.010	29.960	29.893	29.937	29.914	29.964
		S.D. .305	.371	.275	.249	.184	.187	.155	.155	.182	.222	.274	.302	.253
		TOTAL OBS 310	283	310	300	310	300	310	310	300	310	300	309	3652
17		MEAN 29.948	29.860	29.930	29.929	29.997	30.056	30.062	29.996	29.945	29.886	29.937	29.913	29.955
		S.D. .307	.365	.273	.250	.183	.186	.153	.153	.183	.219	.266	.299	.251
		TOTAL OBS 310	283	310	300	310	300	310	310	300	310	300	309	3652
20		MEAN 29.967	29.882	29.947	29.939	30.005	30.061	30.067	30.003	29.960	29.903	29.956	29.930	29.969
		S.D. .310	.365	.274	.255	.181	.186	.151	.152	.184	.218	.267	.301	.251
		TOTAL OBS 310	283	310	300	310	300	310	310	300	310	300	309	3652
23		MEAN 29.975	29.893	29.963	29.956	30.021	30.078	30.084	30.019	29.972	29.914	29.965	29.942	29.982
		S.D. .311	.368	.277	.251	.183	.184	.150	.153	.187	.218	.268	.301	.252
		TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
ALL HOURS		MEAN 29.962	29.872	29.945	29.941	30.001	30.060	30.067	30.005	29.956	29.898	29.949	29.927	29.966
		S.D. .307	.372	.276	.249	.185	.186	.154	.154	.185	.221	.270	.303	.253
		TOTAL OBS 2480	2263	2480	2400	2480	2400	2480	2480	2400	2480	2400	2477	29220

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

121 LAJES AB AZ

73-81

STATION	STATION NAME	YEARS													
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
07		MEAN	1021.71	1018.11	1019.01	1020.51	1021.81	1024.01	1025.31	1022.31	1021.91	1019.51	1019.71	1019.9	1021.2
		S.D.	10.4091	13.0541	15.0331	10.796	6.685	6.688	5.038	5.150	6.501	7.691	9.271	10.535	9.615
		TOTAL OBS	275	249	243	217	247	236	243	243	235	244	238	245	2915
6		MEAN	1021.31	1017.31	1018.71	1020.31	1021.31	1023.71	1024.71	1021.71	1021.31	1019.11	1019.41	1019.6	1020.7
		S.D.	10.3931	13.1481	13.761	8.841	6.596	6.594	5.090	5.142	6.488	7.867	9.358	10.652	9.324
		TOTAL OBS	273	251	240	217	245	237	245	246	237	242	236	246	2915
5		MEAN	1021.51	1018.11	1019.01	1020.51	1022.01	1024.31	1025.41	1022.41	1022.01	1019.41	1019.91	1020.0	1021.2
		S.D.	10.3271	12.9871	14.7151	10.752	6.510	6.676	5.063	5.148	6.291	7.956	9.242	10.723	9.579
		TOTAL OBS	273	253	244	220	247	237	246	247	236	243	237	243	2931
11		MEAN	1022.71	1019.01	1019.61	1021.01	1022.41	1024.71	1025.71	1022.61	1022.71	1020.21	1020.81	1021.2	1021.9
		S.D.	10.2491	12.9921	14.8311	10.721	6.457	6.632	5.079	5.115	6.316	7.967	9.462	10.493	9.556
		TOTAL OBS	270	253	246	217	246	240	246	240	234	248	239	246	2933
14		MEAN	1021.21	1018.11	1018.91	1020.71	1022.21	1024.51	1025.51	1022.61	1022.31	1019.51	1019.61	1019.6	1021.2
		S.D.	10.4191	12.8931	14.7761	10.731	6.511	6.714	5.081	5.127	6.251	7.823	9.565	10.620	9.623
		TOTAL OBS	277	249	246	217	242	238	246	247	232	248	238	244	2924
17		MEAN	1021.21	1017.81	1019.01	1020.21	1021.91	1024.31	1025.21	1022.01	1021.61	1019.31	1019.61	1019.6	1021.0
		S.D.	10.4571	12.6571	13.5101	10.835	6.391	6.627	5.027	5.116	6.300	7.685	9.184	10.409	9.355
		TOTAL OBS	277	249	245	219	245	239	245	243	237	245	238	247	2929
0		MEAN	1021.91	1018.51	1019.11	1020.51	1022.11	1024.31	1025.41	1022.31	1022.11	1019.91	1020.11	1020.2	1021.4
		S.D.	10.4761	12.6781	14.8031	10.992	6.389	6.672	4.937	5.035	6.393	7.450	9.311	10.560	9.517
		TOTAL OBS	277	253	245	219	245	236	246	243	238	246	235	243	2926
23		MEAN	1022.31	1018.81	1019.61	1021.11	1022.81	1024.91	1025.91	1022.81	1022.61	1020.21	1020.51	1020.8	1021.9
		S.D.	10.5571	12.8211	14.9071	10.858	6.452	6.631	4.904	5.117	6.501	7.585	9.345	10.407	9.555
		TOTAL OBS	271	247	244	217	245	236	245	245	234	244	235	246	2909
ALL HOURS		MEAN	1021.71	1018.21	1019.11	1020.61	1022.11	1024.31	1025.41	1022.41	1022.11	1019.61	1020.01	1020.1	1021.3
		S.D.	10.4081	12.8921	14.5301	10.577	6.501	6.651	5.030	5.122	6.385	7.751	9.337	10.545	9.522
		TOTAL OBS	2206	2004	1953	1743	1962	1899	1962	1954	1883	1960	1896	1960	23382

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ADP 850 143

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM	
1. REPORT NUMBER USAFETAC/DS- 81/103	2. GOVT ACCESSION NO. AD-A113 227	3. RECIPIENT'S CATALOG NUMBER	
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Lajes AB, Azores		5. TYPE OF REPORT & PERIOD COVERED Final rept.	
		6. PERFORMING ORG. REPORT NUMBER	
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)	
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 25 NOV 81	
		13. NUMBER OF PAGES p. 400	
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) UNCLASSIFIED	
		15a. DECLASSIFICATION DOWNGRADING SCHEDULE	
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.			
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)			
18. SUPPLEMENTARY NOTES Supersedes Rept. no. USAFETAC/DS-81/006, AD-A095 330.			
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over)			
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Lajes AB, Azores It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)			

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

* Azores

* Lajes AB, Azores

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 occurrence tables.

Period of Record from Hourly OBS: Mar 71 - Feb 81.

Period of Record from Daily OBS: Jan 44 - Oct 45, Oct 46 - Jan 50.
Mar 50 - Feb 81.

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