

USAFETAC/DS-79/011

A070143

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

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

GILA BEND AAF ARIZONA WBAN# 03148
N 32 56 W 112 42 FLD ELEV 858 FT GBN WMO# 74724

PARTS A-F

POR FROM HOURLY OBS: SEP 68-MAR 71, NOV 71-AUG 75

POR FROM DAILY OBS: NOV 48-OCT 60, JAN 71-AUG 75

DEC 23 1975

**FEDERAL BUILDING
ASHEVILLE, N. C.**

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A070143

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II
LEVEL

DDC PROCESSING DATA

PHOTOGRAPH

THIS SHEET

I
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18 SUPPLEMENTARY NOTES																		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>				*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)
*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 Gila Bend AAF, Gila Bend, Arizona 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)																		

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

* Arizona

* Gila Bend AAF AZ

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.

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE ~~DATA NOT AVAILABLE~~

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY ~~00-02, 03-05~~

APRIL ~~00-02, 03-05~~

JULY ~~00-02~~

OCTOBER ~~00-02, 03-05~~

FEBRUARY ~~00-02, 03-05~~

MAY ~~00-02~~

AUGUST ~~00-02, 03-05~~

NOVEMBER ~~00-02~~

MARCH ~~00-02, 03-05~~

JUNE ~~00-02, 03-05~~

SEPTEMBER ~~00-02, 03-05~~

DECEMBER ~~00-02~~

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NO. WT.
03148	GILA BEND AAF ARIZONA	N 32 56	W 112 42	858	CHIN	14/24

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARD.	
1	Gila Bend Airport Arizona	CAA	Nov 48	Oct 60	N 32 53	W 112 43	853	857	Daily obs only 9-13 Same
2	Gila Bend Aux AF Arizona	AF	Oct 68	Apr 69	N 32 56	W 112 41	846		
3	Gila Bend AAF Arizona	AAF	May 69	Aug 75	N 32 56	W 112 42	858		

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	Nov 48	N/A	N/A	N/A	N/A	
2	May 69	Same	AN/GMO-20	Same	13 Ft	
3	Aug 75	Same	Same	Same	Same	

U S AIR FORCE
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A

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA

68-75

ALL

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.
JAN	ALL		1.0				1.0	.6	.4			1.0	1252
FEB		.1	1.6				1.6	.4	.2		.3	.9	1199
MAR		.3	1.8				1.8	.1			.9	1.0	1334
APR			1.5				1.5				1.0	1.0	1263
MAY											.2	.2	1293
JUN		.2	.1				.1				1.0	1.0	1287
JUL		1.7	1.1				1.1						1079
AUG		2.5	.6				.6				.1	.1	1219
SEP		2.6	1.2				1.2				.4	.4	1129
OCT		.8	2.5				2.5	.1			.2	.2	1244
NOV		.2	.5				.5	.5	.1			.6	1373
DEC			.9				.9	.2	.5			.7	1312
TOTALS		.7	1.1				1.1	.2	.1		.3	.6	14988

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA 69-75 JAN
 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.
JAN	00-02												
	03-05												
	06-08		2.5				2.5	1.1					354
	09-11		1.8				1.8	1.5	1.2			2.7	332
	12-14		.7				.7	1.0	.7			1.7	301
	15-17		1.2				1.2		.6			.6	167
	18-20												93
	21-23												5
TOTALS			1.0				1.0	.6	.4			1.0	1252

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03149 GILA BEND AAF ARIZONA 69-75 FEB
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKF AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02												
	03-05												
	06-08		2.1				2.1	2.1			.3	2.4	327
	09-11		2.0				2.0	.3	1.0			1.3	304
	12-14	.3	2.6				2.6		.3		.7	1.0	306
	15-17		2.2				2.2				.7	.7	139
	18-20		.9				.9						112
	21-23												11
TOTALS		.1	1.6				1.6	.4	.2		.3	.9	1199

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA 69-75 MAR
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAR	00-02												
	03-05												
	06-08		2.9				2.9						375
	09-11		2.3				2.3	.3				.3	345
	12-14	.6	3.1				3.1	.3			.6	.8	354
	15-17	1.2	1.2				1.2				.6	.6	162
	18-20		1.1				1.1				4.4	4.4	90
	21-23												12
TOTALS		.3	1.8				1.8	.1			.9	1.0	1338

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA 69-70, 72-75 APR
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02												
	03-05												
	06-08												348
	09-11		2.3				2.3				1.0	1.0	309
	12-14		1.8				1.8				.9	.9	328
	15-17		3.8				3.8				2.3	2.3	132
	18-20		.8				.8				1.7	1.7	118
	21-23												28
TOTALS			1.5				1.5				1.0	1.0	1263

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA 69-70,72-75 MAY
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02												
	03-05												1
	06-08												365
	09-11										.3	.3	325
	12-14										.3	.3	313
	15-17										.6	.6	168
	18-20												96
	21-23												25
TOTALS											.2	.2	1293

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148

GILA BEND AAF ARIZONA

69-70, 72-75

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02												
	03-05												
	06-08										.8	.8	364
	09-11										.9	.9	321
	12-14	1.0	.7				.7				.7	.7	304
	15-17										2.6	2.6	154
	18-20										.9	.9	112
	21-23												32
TOTALS		.2	.1				.1				1.0	1.0	1287

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA 69-70,72-75 JUL
 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
JUL	00-02												
	03-05												3
	06-08		.3				.3						315
	09-11	.4	.8				.8						253
	12-14	.4											281
	15-17	7.1	4.0				4.0						126
	18-20	4.0	2.7				2.7						75
	21-23												26
TOTALS		1.7	1.1				1.1						1079

DATA PROCESSING BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA

69-70, 72-75

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02												
	03-05												
	06-08	.8	1.6				1.6						367
	09-11		.4				.4						272
	12-14	1.3	.3				.3				.3	.3	305
	15-17	7.0	1.3				1.3						158
	18-20	2.2											90
	21-23	3.7											27
TOTALS		2.5	.6				.6				.1	.1	1219

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148

GILA BEND AAF ARIZONA

68-70, 72-74

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSRVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
SEP	00-02												
	03-05												
	06-08	2.4	2.4				2.4						339
	09-11	.6	.3				.3						308
	12-14		.3				.3						303
	15-17	5.7									1.0	1.0	105
	18-20	6.8	4.1				4.1				1.4	1.4	73
	21-23												1
TOTALS		2.6	1.2				1.2				.4	.4	1129

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA 68-70, 72-74 JCT
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JCT	00-02												
	03-05												
	06-08	1.1	4.4				4.4	.3			.3	.5	367
	09-11	.9	.6				.6				.6	.6	326
	12-14	1.2	2.1				2.1						330
	15-17	1.6	4.8				4.8						124
	18-20		3.2				3.2						94
	21-23												3
TOTALS		.8	2.5				2.5	.1			.2	.2	1244

DATA PROCESSING BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA 68-74 NOV
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STOPMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02												
	03-05												1
	06-08	.3	.8				.8	1.5				1.5	399
	09-11	.9	2.0				2.0	2.0				2.0	351
	12-14		.6				.6		.6			.6	344
	15-17												173
	18-20												104
	21-23												1
TOTALS		.2	.5				.5	.5	.1			.6	1373

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

03148 GILA BEND AAF ARIZONA 68-74 JFL
 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
JUL	00-02												
	03-05												2
	06-08		1.4				1.4	.8	.3			1.1	365
	09-11		.3				.3	.6	.6			1.2	335
	12-14		1.2				1.2		1.8			1.8	328
	15-17		.6				.6		.6			.6	166
	18-20		2.8				2.8						106
	21-23												10
TOTALS			.9				.9	.2	.5			.7	1312

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.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXX
 WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

03148 GILA BEND AAF ARIZONA 48-60, 71-75 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.6	14.4				14.4	1.7	.2			1.9	420
FEB		1.4	11.2			.2	11.2	1.1	.5			1.6	438
MAR		1.4	10.7			.2	10.7	.2	.2		.2	.6	485
APR		1.3	6.2				6.2		.4		.2	.6	467
MAY		.6	2.5				2.5				.8	.8	477
JUN		3.6	4.3			.2	4.3		.2			.2	469
JUL		22.9	21.8			.6	21.8	.2	.2		1.9	2.3	481
AUG		21.9	21.0			.2	21.0	1.0	.2		.4	1.6	485
SEP		8.7	9.1				9.1				.5	.5	439
OCT		3.7	12.7				12.7	.7				.7	455
NOV		.9	7.8				7.8	.2			.2	.4	446
DEC		.7	9.5			.4	9.5	1.5				1.5	452
TOTALS		5.6	10.9			.1	10.9	.5	.2		.3	1.1	5574

U S AIR FORCE
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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

Continued on Reverse Side

- 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 47 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

3

DATA PROCESSING BRANCH
 USAF LEOC
 AIR WEATHER SERVICE/94C

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

02147
 STATION

GILA BEND AFB ARIZONA
 STATION NAME

48-60, 71-75
 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)			
	NONE	TRACE	.01-.04	.05-.14	.15-.24	.25-.34	.35-.44	.45-.54	.55-.64	.65-1.04	1.05-1.54	1.55-2.54	2.55-5.04			5.05-20.04	OVER 20.04	MEAN	GREATEST
JAN	82.6	4.6	.0	3.8	2.2	3.2	2.2	.0							17.9	372	.67	2.02	TRACE
FEB	85.2	6.2	.0	.6	.0	1.5	1.5	.3	.3						5.6	339	.32	1.36	TRACE
MAR	80.7	2.7	.5	2.7	1.1	1.9	1.3	1.1							8.6	372	.49	2.52	.00
APR	75.3	2.5	.3	1.7	.6	.6	1.1								4.2	360	.17	.90	.00
MAY	90.8	1.6	.3	.5		.5	.3								1.6	372	.06	.29	.00
JUN	95.4	2.8	.6	.6	.0	.3									1.7	360	.04	.33	.00
JUL	73.7	10.2	1.6	3.5	3.0	4.8	2.2	.0	.3						14.1	372	.83	1.94	.05
AUG	73.7	11.5	1.5	4.3	2.2	2.7	2.7	1.3	.3	.3					15.3	372	1.24	3.01	.05
SEP	89.7	6.4		1.4	1.1	.8	.3		.3						3.9	360	.28	2.00	.00
OCT	74.3	6.6	.8	2.7	.3	1.6	1.3	.0							7.5	372	.43	1.68	.00
NOV	91.1	4.2	.5	1.1	.3	1.4	1.4	.3							4.7	359	.32	1.80	.00
DEC	90.8	3.3	.4	1.4	1.1	1.0	1.1	.0							6.5	360	.43	2.04	.00
ANNUAL	71.5	5.1	.7	2.0	1.1	1.6	1.2	.5	.1	.0					7.4	4378	5.27		

1
2

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 48-60, 71-75

STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
48											.00*	.43	
49	.60	.04	.58	.02	.00	.04	.09	.14	1.93	.03	.30	.42	1.93
50	.09	.20	.14	.00	.00	TRACE	.60	.48	.20	.00	.21	.04	.60
51	.56	.13	.01	.28	.26	.00	.56	3.00	.05	.08*	.59	.18	3.00
52	.22	.29	.60	.40	.00	.03	.23	1.25	.08	.00	.50	.42	1.25
53	.04	.31	.10	.02	TRACE	.00	.32	.50	.00	TRACE	.02	TRACE	.50
54	.04	.53	.36	.00	.21	.24	1.43	.10	.10	.02	.00	TRACE	1.43
55	.46	TRACE	.00	.00	.00	.00	.90	.83	TRACE	.31	TRACE	.15	.90
56	.19	.22	.00	TRACE	.00	.00	.34	.05	.05	.18	.00	.00	.34
57	.40	.05	.21	.28	.05	.01	.30	.10	.00	.70	.02	.06	.70
58	TRACE	1.35	.39	.20	TRACE	.01	.18	.66	.16	.67	.25	.00	1.35
59	.06	.40	.00	.02	.00	TRACE	.03	.98	.20	.56	.25	.81	.98
60	.75	TRACE	.19	.00	.15	TRACE	.45	.35	.35	.45			
71													
72													
73													
74													
75													
MEAN	.284	.293	.215	.102	.056	.028	.453	.703	.260	.257	.178	.209	1.180
S D	.239	.372	.220	.146	.095	.068	.390	.818	.536	.276	.208	.257	.763
TOTAL OBS.	372	339	372	360	372	360	372	372	360	372	359	368	4378

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
 USAF/ETAC/OL A
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

48-60, 71-75

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48											.00*	.66	
49	2.02	.05	.83	.02	.00	.04	.17	.42	2.00	.10	.30	.76	6.71
50	.18	.30	.26	.00	.00	TRACE	1.27	.48	.30	.00	.21	.04	3.04
51	.87	.14	.01	.52	.29	.00	1.10	5.61	.05	.16*	.97	.35	*10.07
52	.45	.46	2.53	.90	.00	.03	.77	1.76	.08	.00	1.80	.53	9.31
53	.07	.67	.10	.02	TRACE	.00	1.04	1.65	.00	TRACE	.03	TRACE	3.58
54	.06	.53	.81	.00	.21	.33	1.94	.13	.10	.02	.00	TRACE	4.13
55	1.78	TRACE	.00	.00	.00	.00	1.87	1.05	TRACE	.31	TRACE	.15	5.16
56	.22	.22	.00	TRACE	.00	.00	.55	.05	.05	.21	.00	.00	1.30
57	1.45	.05	.32	.28	.05	.01	.80	.33	.00	1.88	.04	.06	5.27
58	TRACE	1.36	.63	.24	TRACE	.01	.18	1.48	.16	.69	.25	.00	5.00
59	.06	.84	.00	.02	.00	TRACE	.05	1.18	.20	1.06	.25	2.64	6.30
60	.89	TRACE	.34	.00	.15	TRACE	.45	.68	.41	.76			
71													
72													
73													
74													
75													
MEAN	.671	.385	.486	.167	.058	.035	.849	1.235	.479	.433	.321	.433	5.443
S. D	.726	.413	.714	.283	.101	.094	.626	1.498	.557	.575	.540	.749	2.591
TOTAL OBS	372	339	372	360	372	360	372	372	360	372	359	368	4378

NOTE * (BASED ON < FULL MONTHS)

2 DATA PROCESSING BRANCH
 USAF LTAC
 AIR WEATHER SERVICE/VAC

DAILY AMOUNTS
 PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 49-60, 71-75
 STATION STATION NAME 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	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.51-4	1.52-4	2.53-4	3.54-4	4.5-6.4	6.510-4	10.515-4	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	100.0														372	.0	.0	.0
FEB	100.0														339	.0	.0	.0
MAR	100.0														372	.0	.0	.0
APR	100.0														360	.0	.0	.0
MAY	100.0														372	.0	.0	.0
JUN	100.0														360	.0	.0	.0
JUL	100.0														372	.0	.0	.0
AUG	100.0														372	.0	.0	.0
SEP	100.0														360	.0	.0	.0
OCT	100.0														372	.0	.0	.0
NOV	100.0														359	.0	.0	.0
DEC	99.7	.3													372	TRACE	TRACE	.0
ANNUAL	100.0	.0													4762	.0		

DATA PROCESSING BRANCH
 USAF/ETAC/DL A
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SNOWFALL

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

48-60, 71-75

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48											.0	.0	
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
71													
72													
73													
74													
75													
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.00
S D	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.000
TOTAL OBS.	372	339	372	360	372	360	372	372	360	372	359	372	4382

NOTE * (BASED UN < FULL MONTHS)

2

DATA PROCESSING BRANCH
 USAF/ETAC/OL A
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

48-60, 71-75

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
48											.0	.0	
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	* .00
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
71													
72													
73													
74													
75													
MEAN	.00	.00	.00	.00	.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	372	339	372	360	372	360	372	372	372	360	372	359	4382

NOTE * (BASED ON < FULL MONTHS)

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 68-70, 71-75
STATION STATION NAME 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	101-2.50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			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	100.0														372			
FEB	100.0														360			
MAR	100.0														372			
APR	100.0														360			
MAY	100.0														372			
JUN	100.0														300			
JUL	100.0														372			
AUG	100.0														372			
SEP	100.0														360			
OCT	100.0														372			
NOV	100.0														359			
DEC	100.0														372			
ANNUAL	100.0														4382			

DATA PROCESSING BRANCH
 USAF/ETAC/OL A
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SNOW DEPTH

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

48-60, 71-75

STATION

STATION NAME

YEARS

DAILY SNOW DPTH IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48													
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0*	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
71													
72													
73													
74													
75													
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S D	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	372	339	372	360	372	360	372	372	360	372	359	372	4382

NOTE * (BASED ON < FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders. DATA NOT AVAILABLE

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.

1
2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 68-75 ALL
STATION STATION NAME YEAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.6	1.5	.3	.0							7.1	5.3
NNE	1.5	2.5	.7	.2	.0	.0						4.7	5.2
NE	1.1	1.8	1.0	.3	.0	.0						4.2	5.8
ENE	1.0	1.3	.9	.5	.1	.0						3.8	6.5
E	1.2	1.2	.6	.3	.1	.0						3.4	5.6
ESE	.9	.8	.3	.1	.0							2.0	4.5
SE	.9	1.1	.3	.1	.0							2.4	4.6
SSE	1.2	1.7	.6	.1	.0	.0	.0					3.6	5.0
S	1.2	1.8	1.2	.7	.2	.0	.0					5.1	7.0
SSW	.5	1.2	1.3	.7	.2	.0	.0					4.0	8.4
SW	.6	1.6	2.1	.8	.2	.0	.0					5.4	8.1
WSW	1.0	2.4	2.2	1.1	.2	.1						7.0	7.9
W	1.5	3.1	2.3	.6	.1	.1	.0					7.7	6.6
WNW	.8	1.7	.8	.2	.0	.0	.0					3.6	5.8
NW	.9	1.6	.5	.1	.0	.0	.0					3.2	5.2
NNW	1.2	1.8	.5	.1	.0	.0	.0					3.7	4.7
VARBL													
CALM												29.2	
	17.0	29.2	16.8	6.2	1.2	.3	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 14843

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02148 GILA BEND AAF ARIZONA 69-75 JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	6.4	3.8	.2								12.3	5.7
NNE	1.1	3.8	1.2	.1	.1							6.3	5.2
NE	1.6	2.7	1.1	.2	.1							5.7	5.2
ENE	1.9	2.5	.8	.1	.1							5.4	4.8
E	1.6	2.0	.4									4.0	4.0
ESE	2.0	.9										2.9	2.9
SE	.7	.3	.1									1.1	3.1
SSE	1.6	1.4	.1	.2	.1							3.4	4.6
S	.7	1.3	.7	.5	.1							3.3	5.8
SSW	.6	.3	.7	.2	.1							1.9	7.0
SW	.5	1.0	.7	.2								2.5	6.5
WSW	.8	1.6	1.5	.7	.1							4.7	7.3
W	1.1	1.5	2.0	.6								5.2	6.8
WNW	.7	1.7	.7	.2	.1							3.4	5.9
NW	1.0	1.1	.6	.2	.1							2.6	5.3
NNW	1.2	3.0	.4	.1								4.8	4.7
VARBL													
CALM												30.7	
	19.0	31.6	14.4	3.5	.7							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1221

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-74 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.7	2.3	.2								9.9	5.1
NNE	1.7	5.3	1.2	.3								8.4	5.1
NE	1.3	2.8	1.6	.3	.1							5.9	5.9
ENE	1.3	2.0	1.0	1.3	.2							5.8	7.1
E	1.4	1.8	.8	.7	.2							4.8	6.4
ESE	1.1	.8	.3									2.2	4.1
SE	1.3	1.3	.2	.1								2.8	3.9
SSE	1.4	1.6	.3	.3								3.6	4.7
S	1.2	1.9	.6	.5								4.2	5.7
SSW	.3	1.0	.6	.3	.1							2.3	7.2
SW	.7	1.3	.9	.1								2.9	5.6
WSW	1.5	2.1	1.3	.3	.1							5.3	5.9
W	1.0	2.1	1.8	.6								5.4	6.4
WNW	.8	1.2	.3	.3	.2	.1	.1					2.9	7.3
NW	.8	1.3	.3	.1		.1	.1					2.6	6.3
NNW	1.4	2.5	.7									4.6	4.6
VARBL													
CALM												26.6	
	19.8	33.4	14.0	5.1	.8	.2	.2					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1197

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-75 YEAR MONTH ALL

CLASS ALL (L.S.T.)

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.9	1.3	.7								7.3	5.8
NNE	1.3	2.3	.5									4.2	4.4
NE	1.3	1.8	.4									3.4	4.2
ENE	.7	.7	.4	.1								1.9	4.9
E	.5	.6		.1								1.2	3.8
ESE	.4	.7	.1	.1								1.3	4.4
SE	1.1	.8	.1	.1	.1							2.2	4.3
SSE	1.3	2.0	.8	.1								4.3	4.8
S	1.5	1.7	1.8	1.5	.5	.1						7.1	8.4
SSW	.8	1.3	1.9	1.9	.7	.1						6.6	9.7
SW	.7	2.6	3.1	1.0	.2	.1						7.9	7.9
WSW	1.2	2.1	3.0	1.2	.3							7.8	7.8
W	1.9	2.7	2.5	.9	.4	.1	.1					8.5	7.2
WNW	.8	1.9	.4	.6	.1							3.8	6.6
NW	.9	1.4	.7	.2								3.3	5.6
NNW	1.4	1.1	.3									2.8	3.8
VARBL													
CALM												26.4	
	17.5	27.7	17.2	8.5	2.3	.3	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1337

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KN ¹ Dir.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	.8	.1								4.6	4.9
NNE	.8	1.6	.2	.2		.1						2.9	5.4
NE	1.0	.7	.8	.6	.1							3.2	6.5
ENE	.4	.6	.6	.4		.1						2.1	7.3
E	.8	.5	.2	.4								1.8	5.7
ESE	.7	.6	.2									1.5	3.8
SE	.6	.7	.5									1.8	5.0
SSE	1.4	2.1	.5									4.0	4.3
S	1.5	1.5	1.0	.8	.1							5.0	6.7
SSW	.4	1.4	2.6	1.3	.2		.1					6.1	9.4
SW	1.4	2.1	3.8	2.6	.6	.1						10.5	9.1
WSW	.5	2.3	3.8	4.3	1.1	.4						12.5	11.0
W	1.4	4.2	2.1	1.8	.6	.5	.2					11.7	8.9
WNW	.6	2.2	1.1	.4								4.3	6.4
NW	.6	2.2	.7	.4	.1							4.0	6.2
NNW	1.5	2.0	.8	.2								4.6	4.9
VARBL													
CALM												19.5	
	14.8	27.3	20.6	13.6	2.9	1.1	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1252

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

63-70,72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	.6	.2								3.9	5.1
NNE	.9	2.1	.2	.3								3.5	4.9
NE	.8	.5	1.0	.5								2.8	7.1
ENE	.6	.3	.4	.4								1.7	6.4
E	.4	.6	.2	.1								1.3	5.5
ESE	.5	.6	.4		.1							1.6	6.1
SE	1.0	1.2	.2	.1								2.5	4.2
SSE	.9	2.3	1.1	.2								4.4	5.7
S	1.3	2.2	1.7	.9	.3							6.6	7.4
SSW	.6	1.3	1.8	1.0	.2		.2					5.1	9.4
SW	.3	2.1	3.8	1.6	.1							7.8	8.8
WSW	1.2	3.1	3.5	1.7	.2							9.7	7.9
W	1.7	4.1	2.8	.6	.2	.2						9.6	6.8
WNW	.8	1.3	.7	.2								2.9	5.7
NW	1.2	1.6	.6	.1								3.4	4.7
NNW	1.3	2.0	.2	.2								3.7	4.3
VARBL													
CALM												29.4	
	14.4	27.4	19.3	8.0	1.2	.2	.2					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

1267

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 69-70, 72-75 MONTH: JUN
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	.2									3.3	4.2
NNE	.9	1.1	.2	.1								2.4	4.4
NE	.2	.5	.3	.2	.2							1.3	8.1
ENE	.6	.3	.2	.4	.1	.1						1.7	8.1
E	.3	.8	.2	.4	.2							2.0	8.3
ESE	.3	.9	.2	.2								1.6	6.1
SE	.5	1.3	.6	.2								2.6	5.8
SSE	.8	.6	1.1	.2			.1					2.8	7.1
S	.4	1.5	2.4	1.4	.6							6.2	9.4
SSW	.4	2.0	2.2	1.9	.7	.2	.2					7.5	10.7
SW	.6	2.6	3.2	.9	.5	.2	.2					8.0	9.0
WSW	.9	3.0	3.6	1.0	.3	.4						9.2	8.5
W	1.3	4.6	3.6	.9								10.4	6.5
WNW	1.0	2.2	1.4	.5								5.1	5.0
NW	.9	1.9	.9									3.6	5.0
NNW	1.1	1.6	.5									3.2	4.4
VARBL													
CALM												29.2	
	11.0	27.0	20.8	8.4	2.5	.8	.4					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1269

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 69-70, 72-75 JUL
STATION TA NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 5	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	.8	.2								2.9	5.5
NNE	.4	.4	.4	.2								1.3	6.6
NE	.7	.8	.6	.1								2.2	5.4
ENE	.5	.5	.4	.2								1.5	6.2
E	.9	.4	.7	.2		.1						2.3	6.3
ESE	.2	.8	.3									1.2	5.2
SE	.8	1.2	.4	.1	.1							2.6	5.5
SSE	.9	2.2	.8	.1	.1	.1						4.1	6.0
S	.8	3.3	1.9	.8	.1	.1						6.9	7.3
SSW	.6	2.3	2.3	.5	.2							5.8	7.4
SW	1.0	2.0	3.0	1.6	.1	.1						7.8	8.2
WSW	1.4	3.8	3.8	1.3	.3	.1						10.7	7.6
W	2.0	4.3	4.6	.7								11.7	6.5
WNW	.9	2.3	1.6	.1	.1							5.0	5.8
NW	.7	1.7	.6	.3								3.2	5.7
NNW	.6	.8	.7	.2								2.2	6.1
VARBL													
CALM												28.6	
	13.0	28.0	22.4	6.5	.9	.5						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1066

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 69-70, 72-75 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.8	.6									2.7	5.4
NNE	1.3	.9	.3	.1								2.6	4.3
NE	.4	1.2	.2	.2								2.1	5.5
ENE	1.1	1.1	.2									2.4	3.9
E	1.6	1.9	.7	.2	.1							4.4	5.2
ESE	.8	.8	.4	.2								2.2	5.4
SE	.7	1.2	.4	.1								2.4	4.8
SSE	1.0	2.1	1.1	.2								4.4	5.5
S	1.6	2.4	1.6	.4	.1	.1						6.2	6.3
SSW	1.0	1.7	1.2	.2								4.2	5.7
SW	.5	1.4	2.5	.4	.2							5.0	7.7
WSW	1.7	3.9	2.5	.5								8.6	6.0
W	1.9	4.6	2.5	.2								9.3	5.4
WNW	.8	2.9	.9	.2								4.8	5.2
NW	.6	1.9	.7	.2								3.3	5.5
NNW	.7	1.8	.7	.2	.1							3.4	6.0
VARBL													
CALM												32.1	
	15.9	31.6	16.7	3.3	.4	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1216

2

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.7	1.2	.3								6.3	5.1
NNE	1.6	2.4	.4	.1	.1	.1						4.7	5.1
NE	1.2	2.1	1.1	.3								4.6	5.6
ENE	.0	2.0	3.1	1.5	.2							7.5	8.2
E	1.5	1.5	1.3	.8	.3							5.5	7.0
ESE	1.1	1.4	1.0	.1								3.5	5.3
SE	1.0	1.5	.4	.2								3.0	4.7
SSE	1.7	2.0	.7									4.3	4.4
S	1.2	2.1	1.2	.4								4.9	5.7
SSW	.0	.5	.9	.2								2.2	6.4
SW	.5	.9	1.7	.6								3.7	7.8
WSW	.8	2.1	1.2	.4	.1							4.6	6.5
W	1.3	3.3	1.2	.1								5.9	5.5
WNW	.5	1.2	.7									2.4	5.4
NW	1.2	1.2	.2									2.6	3.9
NNW	1.4	2.1	.4	.1		.1						4.1	4.7
VARBL													
CALM												30.1	
	18.4	29.2	16.7	5.0	.6	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1128

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 68-70, 72-74 UCT 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	2.4	5.4	2.4	.5								10.7	5.5
NNE	1.4	3.3	1.0	.1								5.8	4.8
NE	1.9	2.8	1.4	.2								6.4	5.3
ENE	1.0	1.0	1.9	.3	.1							4.3	6.9
E	1.8	1.6	.8	.3	.1							4.6	5.4
ESE	1.0	.8	.2									1.9	3.8
SE	1.1	1.6	.4	.2								3.3	4.6
SSE	1.0	1.7	.1	.2								2.9	4.7
S	1.3	1.4	1.2	.6								4.5	6.2
SSW	.3	.6	1.0	.5	.1							2.5	8.4
SW	.6	1.3	1.4	.6	.2							3.9	7.7
WSW	.3	1.9	1.2	.4	.1	.1						4.0	7.6
W	1.0	2.9	.9	.4	.1							5.3	5.9
WNW	.9	1.6	.4	.2	.1							3.1	5.4
NW	1.1	2.3	.4	.1								3.9	4.6
NNW	1.5	1.9	.7									4.1	4.5
VARBL													
CALM												28.7	
	18.8	32.0	15.4	4.5	.6	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1242

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 68-74 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	5.6	2.3	.4	.1							10.7	5.6
NNE	2.1	3.9	1.1	.7	.2	.1						8.0	6.0
NE	1.4	2.4	1.8	.7	.1	.1						6.5	6.6
ENE	1.5	2.3	1.0	.7	.4							5.9	6.8
E	2.0	1.2	.7	.3	.1							4.2	5.0
ESE	.9	.8	.1	.1								2.0	4.5
SE	.8	.5	.4	.1								1.9	5.2
SSE	1.2	1.3	.2	.1								2.9	4.0
S	1.2	1.2	.2	.4	.2							3.3	5.8
SSW	.3	1.0	.6	.1								1.9	6.3
SW	.4	.8	.7	.4	.1							2.3	7.5
WSW	.5	1.5	.7	.6	.1							3.5	7.4
W	1.5	1.9	1.2	.1	.1							4.8	5.2
WNW	1.2	1.5	.6	.1								3.4	4.5
NW	.7	1.6	.3									2.6	4.4
NNW	1.8	1.6	.4									3.8	3.9
VARBL													
CALM												32.2	
	19.8	29.1	12.7	4.8	1.3	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1367

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 68-74 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.4	2.0	.2								9.4	5.0
NNE	1.6	2.8	1.4	.2								6.0	5.5
NE	.9	3.0	1.4	.3								5.6	5.8
ENE	1.2	2.0	1.2	.8								5.2	6.1
E	2.0	1.2	.9	.3	.1							4.5	5.3
ESE	1.6	.2	.1									2.0	3.1
SE	1.2	1.2	.2	.1								2.7	3.9
SSE	1.2	1.2	.1									2.4	3.6
S	1.7	1.2	.2	.4			.1					3.7	5.3
SSW	.6	.7	.4	.1								1.8	5.1
SW	.6	.9	.5	.2								2.3	5.8
WSW	.9	1.2	.9	.4		.1						3.4	6.6
W	1.8	1.8	1.5	.2								5.2	5.4
WNW	.9	1.1	.5	.2								2.7	5.0
NW	1.2	1.3	.5	.1								3.1	4.6
NNW	.5	1.6	.3	.1	.1							2.7	5.0
VARBL													
CALM												37.3	
	20.8	26.0	12.1	3.4	.2	.1	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1281

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

031-8

GILA BEND AAF ARIZONA

64-75

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.P.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	.3									1.4	4.4
NNE		1.7										1.7	4.7
NE	2.6	2.3	.3									5.2	3.6
NNE	2.6	3.2	.9	.3	.3							7.2	4.9
E	2.3	4.9	.9									8.1	4.3
ESE	5.5	2.3										7.8	3.0
SE	1.7	1.2										2.9	3.1
SSE	3.8	2.9										5.7	3.5
S	1.2	1.4	.6	.3								3.5	3.3
SSW	1.2	.6	.6	.3								2.6	3.4
SW	.6	1.2	.6									2.3	3.4
WSW	.3	.9	1.2	.9								3.2	3.3
W		.6	.3									.9	3.3
WNW		.9										.9	3.7
NW	.3											.3	3.0
NNW		.3										.3	4.0
VARBI													
CALM												44.9	
	22.9	24.6	5.5	1.7	.3							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

345

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 69-75 MONTH: JAN
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	7.0	4.0									14.0	5.4
NNE	3.0	7.6	1.5	.3	.2							12.8	5.0
NE	2.1	6.7	.9		.3							10.0	5.1
ENE	3.6	4.0	1.8									9.4	4.7
E	3.0	1.2	.6									4.9	3.4
ESE	1.5	.3										1.8	2.5
SE	.6		.3									.9	3.7
SSE	.9	1.5		.3								2.7	4.4
S	.3	.3	1.5	.6								2.7	8.4
SSW	.3	.3	1.5									2.1	7.3
SW	.6	.6	1.2	.6								3.0	8.1
WSW	.9	1.8	2.1									4.9	6.4
W		.6	.9									1.5	7.8
WNW		.6	.3									.9	6.0
NW	.3	.3		.3								.9	7.7
NNW	.6	1.8										2.4	4.1
VARBL													
CALM												24.9	
	21.0	34.7	16.7	2.1	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 329

1
2
1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 69-75 MONTH: JAN
 CLASS: ALL WEATHER HOURS (L & 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	3.0	9.4	7.4	.3								20.2	5.8
NNE	1.0	3.7	3.4									8.1	5.9
NE	.7	1.0	2.4	.7								4.7	7.1
ENE		1.3	.3									1.7	5.8
E	.7											.7	2.0
ESE													
SE													
SSE		.3		.3	.3							1.0	12.3
S	.3	1.0	.3	.3								2.0	6.7
SSW	.3		.3	.3	.3							1.3	11.3
SW		1.0	.7	.3								2.0	7.3
WSW		.7	1.7	.3	.3							3.0	9.9
W	1.7	3.0	4.4	1.0								10.1	7.1
WNW	2.4	1.3	1.3	.7								5.7	5.4
NW	1.7	2.0		.3								4.0	4.3
NNW	2.7	6.7	1.3	.3								11.1	5.0
VARBL													
CALM												24.2	
	14.5	31.6	23.6	5.1	1.0							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 297

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 69-75 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

1500-1700

CONITION

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	.6	14.4	6.3	1.3								22.5	6.4
NNE		1.3										1.3	4.0
NE	1.3		1.9									3.1	7.0
ENE	.6	1.3										1.9	3.7
E		.6										.6	3.0
ESE		1.3										1.3	4.0
SE	.6											.6	2.0
SSE			.6	.6								1.3	10.0
S			.6	.6	.6							1.9	13.7
SSW		.6	.6									1.3	6.0
SW	.6	1.3	.6									2.5	5.0
WSW	1.9	2.5	1.3	1.9								7.5	7.5
W	2.5	2.5	3.1	2.5								10.6	7.2
WNW	.6	6.9	1.9	.6	.6							10.6	6.5
NW	1.9	3.8	.6		.6							6.9	5.5
NNW	1.3	5.0	.6									6.9	4.8
VARBL													
CALM												19.4	
	11.9	41.3	18.1	7.5	1.9							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 160

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH JAN
 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		3.5										3.5	4.0
NNE	1.2	2.3										3.5	3.7
NE													
ENE	1.2	1.2										2.3	4.0
E		2.3										2.3	5.0
ESE													
SE													
SSE	3.5	1.2										4.7	2.5
S	2.3	5.8		1.2								9.3	5.4
SSW	1.2											1.2	3.0
SW	1.2	1.2										2.3	3.5
WSW	3.5	5.8		1.2								10.5	5.0
W	5.8	1.2	2.3									9.3	4.5
WNW													
NW	2.3	1.2	1.2	1.2								5.8	6.6
NNW	3.5	2.3										5.8	3.2
VARBL													
CALM												39.5	
	25.6	27.9	3.5	3.5								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 86

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 73-74 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		50.0										50.0	5.0
SSW													
SW													
WSW													
W													
WNW		25.0										25.0	6.0
NW													
NNW													
VARBL													
CALM												25.0	
		75.0										100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 4

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 69-75 MONTH: FEB
 CLASS: ALL WEATHER HOURS (L.S.T.): 0600-0800
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED ¹⁾
N	.9	.9	.3									2.1	4.1
NNE	.6	1.2	.3									2.1	4.4
NE	.9	3.7	.6	.3								5.5	5.0
ENE	2.1	2.8	.6	1.8								7.4	6.3
E	3.4	4.0	.3	.3								8.0	4.2
ESE	3.7	1.8	.3									5.8	3.6
SE	4.0	3.4	.3									7.7	3.3
SSE	4.0	4.0	.6									8.6	3.6
S	2.3	4.0	.6									7.1	4.3
SSW		1.2	.3									1.5	5.6
SW	.9	.6										1.5	3.6
WSW		.6	.6									1.2	6.5
W													
WNW		.3		.6								.9	11.3
NW				.3								.3	15.0
NNW	.3	.3										.6	3.5
VARBL													
CALM												39.6	
	23.3	28.8	4.9	3.4								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 326

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

03148 GILA BEND AAF ARIZONA 69-75 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLAS.

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	7.3	3.3									13.2	5.2
NNE	3.3	8.6	2.0									13.9	4.7
NE	2.0	5.6	1.3									8.9	4.9
ENE	1.7	3.3	1.0	.7								6.6	5.6
E	1.7	2.0	1.7	.7	.7							6.6	7.7
ESE		.7	.3									1.0	5.0
SE	.3	1.3										1.7	4.6
SSE	.3	1.0	.3	.3								2.0	6.3
S	.7	1.7	.3	.7								3.3	6.7
SSW	1.0	1.0	.3	.3								2.6	5.6
SW	1.3	1.3	.7	.3								3.6	5.1
WSW	.7	.7	.7									2.0	5.7
W	1.0	1.0	1.0									3.0	5.3
WNW	.3		.3		.7							1.3	11.8
NW	.7	.7										1.3	3.5
NNW	1.3	.7										2.0	3.3
VARBL													
CALM												27.1	
	18.8	36.6	13.2	3.0	1.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 303

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-75 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	3.3	7.2	3.3	.3								14.1	5.3
NNE	1.3	6.2	1.6	1.0								10.1	5.8
NE	1.3	1.0	3.6	.3								6.2	7.2
ENE	1.0	1.0	1.3	2.0	.3							5.6	8.9
E	.3	.7	1.0	1.6								3.6	9.2
ESE	.3	.3	.7									1.3	5.8
SE	.3		.3	.3								1.0	7.3
SSE	.3	.3		.3								1.0	6.3
S	.3	.7	.7	1.0								2.6	8.4
SSW		1.0	.3	.7	.3							2.3	10.3
SW		1.6	1.3									2.9	6.8
WSW	1.3	4.6	2.3	.3	.3							8.8	6.5
W	1.6	3.3	2.3	1.3								8.5	6.2
WNW	.7	2.3	.7			.3						3.9	6.9
NW	1.3	2.3				.3	.3					4.2	7.6
NNW	2.3	3.9	1.3									7.5	4.7
VARBL													
CALM												16.3	
	15.7	36.3	20.6	9.2	1.0	.7	.3					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 306

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-75 YEARS FEB MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 _____ CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	5.0	4.3	.7								15.1	5.4
NNE	1.4	6.5	1.4									9.4	5.5
NE	1.4		1.4	.7								3.6	7.4
ENE	.7	1.4	1.4	.7	.7							5.0	9.3
E			.7									.7	10.0
ESE													
SE													
SSE		.7		1.4								2.2	12.7
S		.7	.7	.7								2.2	9.0
SSW			.7	.7								1.4	11.0
SW			2.2									2.2	8.0
WSW	2.2	2.2	2.2	1.4								7.9	6.7
W	.7	5.0	6.5	2.2								14.4	7.9
WNW	2.2	1.4		.7			.7					5.0	8.1
NW	1.4	3.6	2.2									7.2	5.5
NNW	2.2	7.2	2.2									11.5	5.2
VARBL													
CALM												12.2	
	17.3	33.8	25.9	9.4	.7		.7					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 139

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 69-75 MONTH: FEB
 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	3.6	1.8	.9									6.2	3.6
NNE	1.8	4.5										6.2	3.9
NE		.9			.9							1.8	11.0
ENE			.9									.9	8.0
E													
ESE													
SE													
SSE	1.8	.9										2.7	2.7
S		.9	.9									1.8	6.5
SSW	.9	1.8	1.8									4.5	5.4
SW	.9	3.6	1.8									6.2	5.1
WSW	8.0	2.7	1.8									12.5	4.1
W	2.7	3.6	1.8									8.0	5.0
WNW	3.6	3.6										7.1	3.5
NW	.9	1.8										2.7	3.7
NNW	1.8	4.5	.9									7.1	4.3
VARBL													
CALM												32.1	
	25.9	30.4	10.7		.9							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 112

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 69-70, 73, 75 MONTH: FEB

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

CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	27.3	9.1										36.4	2.8
SSW			9.1									9.1	7.0
SW													
WSW		9.1										9.1	4.0
W		9.1										9.1	6.0
WNW													
NW													
NNW													
VARBL													
CALM												36.4	
	27.3	27.3	9.1									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 11

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 02148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-75 MONTH JAR
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.3									.8	3.7
NNE	.8	1.9										2.7	4.0
NE	1.6	.8	.3									2.7	3.5
ENE	1.6	1.9										3.5	3.5
E	1.0	.8										2.4	2.8
ESE	.8	2.4		.3								3.5	4.5
SE	3.5	2.7	.3	.3								6.7	4.0
SSE	4.5	5.1	1.6									11.2	4.3
S	2.9	3.2	1.9	.5	.3							8.8	5.8
SSW	1.3	1.6	1.9	.8								5.6	6.4
SW	1.1	1.6	.8									3.5	4.9
WSW	1.1	.8	.5	.3								2.7	5.6
W	.3	1.6	.3		.3							2.4	6.4
WNW	.3											.3	2.0
NW	.3											.3	2.0
NNW	.3											.3	2.0
VARBL													
CALM												42.8	
	21.9	24.9	7.8	2.1	.5							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 374

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 69-75 MONTH: MAR
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	9.3	2.0	1.2								15.1	5.4
NNE	3.5	4.6	.9									9.0	4.1
NE	2.0	3.5	.3									5.8	4.0
ENE	1.2	.3	.6	.3								2.3	5.8
E		.6		.3								.9	6.7
ESE	.3	.3	.3									.9	4.7
SE					.3							.3	18.0
SSE		2.0	1.2									3.2	6.2
S	.9	.6	2.3	1.7	.3							5.8	9.3
SSW	.3	.6	2.6	2.3	.6							6.4	10.5
SW	.3	2.3	3.8	.9								7.2	7.9
WSW	.9	.9	2.3	1.2	.6							5.8	9.3
W	.9	3.2	.9	.3	.3							5.5	5.9
WNW	.9	1.7	.3	.3								3.2	5.5
NW	.9	.3	.3	.3								1.7	5.8
NNW	2.0	.9	.3									3.2	3.5
VARBL													
CALM												23.8	
	16.5	31.0	18.0	6.7	2.0							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 345

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 69-75 MAR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	2.5	2.5	1.1								2.5	6.7
NNE	.8	2.0	1.1									4.0	5.4
NE	1.1	2.0	.6									3.7	4.6
ENE		.6	.6									1.1	6.8
E	.3	.6										.8	4.0
ESE	.3											.3	3.0
SE	.3											.3	1.0
SSE		.3	.3									.6	7.0
S	.6	1.1	1.7	2.0	.6	.3						6.2	10.6
SSW	.6	1.4	1.1	2.8	1.1	.3						7.3	11.5
SW	.6	3.4	4.0	2.3	.8							11.0	9.0
WSW	.6	2.8	4.5	1.7	.3							9.9	8.5
W	2.8	2.8	5.1	2.3	.8	.3	.3					14.4	8.5
WNW	1.1	1.4	.8	1.1								4.5	6.9
NW	.8	3.7	1.7									6.2	5.5
NNW	1.7	1.1	.6									3.4	3.8
VARBL													
CALM												17.8	
	13.8	25.7	24.6	13.3	3.7	.8	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 354

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 02148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 70-75 MONTH: JAN

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	1.2	4.9		.6								6.8	4.7
NNE		.6										.6	4.0
NE		1.2	.6									1.9	6.3
ENE			.6									.6	8.0
E													
ESE													
SE													
SSE	.6			.6								1.2	6.5
S	1.2	2.5	1.2	1.2	1.2							7.4	9.2
SSW	.6	.6	1.2	1.9	1.9							6.2	13.0
SW	.6	1.9	4.9	1.2		.6						9.3	8.9
WSW	2.5	3.1	4.3	2.5								12.3	7.3
W	3.1	4.3	4.9	1.9								14.2	7.0
WNW	1.9	6.8	.6	.6								9.9	5.4
NW	1.9	3.1	1.9	.6								7.4	6.3
NNW	1.9	3.7										5.6	4.2
VARBL													
CALM												16.7	
	15.4	32.7	20.4	11.1	3.1	.6						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 162

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-75 YEARS 148 NORTH

ALL WEATHER CLASS 1800-200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1		1.1								2.2	3.0
NNE													
NE													
ENE													
E		1.1										1.1	4.0
ESE													
SE		1.1										1.1	5.0
SSE													
S	1.1	1.1		3.3	1.1							6.7	11.2
SSW	2.2	2.2	3.3	1.1								8.9	6.9
SW	1.1	5.6	4.4	1.1								12.2	6.6
WSW	3.3	7.8	7.8	1.1	1.1							21.1	6.9
W	6.7	2.2	2.2									11.1	3.9
WNW		2.2		2.2	2.2							7.8	11.0
NW	2.2			1.1								3.3	5.3
NNW	2.2	2.2	1.1									5.6	4.6
VARBL													
CALM												18.9	
	18.9	27.8	18.9	11.1	4.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 90

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69, 71, 73, 75 YEARS JUNE MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	8.3											8.3	3.0
SSE													
S	8.3		8.3									16.7	6.0
SSW		8.3										8.3	6.0
SW	8.3	8.3										16.7	3.5
WSW													
W	8.3		8.3									16.7	5.5
WNW													
NW													
NNW													
VARBL													
CALM												33.3	
	33.3	16.7	16.7									100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 12

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 69-70, 74-75 MONTH: APR
 CLASS: ALL WEATHER HOURS (L.S.T.): 0600-0800
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.3									.6	6.0
NNE	.6	2.4	.3									3.2	4.6
NE	.6	.3	.3									1.2	5.0
ENE	1.2	1.2	.3									2.7	3.9
E	2.1	1.2										3.2	3.3
ESE	2.4	2.1	.3									4.7	3.5
SE	1.5	2.1	1.5									5.0	5.2
SSE	4.4	5.6	1.8									11.8	4.6
S	3.5	2.7	.6	.9								7.7	5.1
SSW	.3	1.2	2.9									4.4	7.3
SW	2.4	2.7	4.1	.6								9.7	6.6
WSW	.3	1.2	2.1	2.9	.6							7.1	10.5
W	.3	.3			.3							.9	8.3
WNW		.6	.3									.9	6.3
NW	.3	.3										.6	3.0
NNW	.6	.3										.9	3.0
VARBL													
CALM												35.4	
	20.4	24.2	14.7	4.4	.9							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 339

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03143 GILA BEND AAF ARIZONA 69-70,72-75 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100
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
..	3.9	6.8	1.0									11.7	4.3
NNE	1.3	1.9		.6								3.9	4.9
NE	1.9	1.6	1.0	1.0								5.5	5.6
ENE	.3	.6	1.3	.6								2.9	7.7
E	.6		.3	.3								1.3	6.8
ESE	.3											.3	3.0
SE			.3									.3	8.0
SSE	.3	.6										1.0	4.0
S	1.0	.3	1.3	.3								2.9	6.6
SSW		1.3	3.2	1.3								5.8	9.4
SW	.6	2.3	2.3	1.9	.6							7.8	9.0
WSW	.6	1.9	3.0	5.2	1.0	.3						12.6	11.5
W	1.3	4.9	1.0	1.0	.3	.3						9.4	7.1
WtW	1.0	2.3	.6	.3								4.2	4.8
NW	1.0	2.9	.3									4.2	4.6
NNW	4.2	3.2		.3								7.8	3.5
VARBL													
CALM												18.4	
	19.1	30.7	16.2	12.9	1.9	.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 102

2

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 67-70, 72-75 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.8	.3								4.0	6.5
NNE	.6	1.5	.3									2.5	4.8
NE	.6	.6	1.5	.6								3.4	7.6
ENE		.3	.6	.6		.3						1.8	11.2
E	.3	.3		1.2								1.8	9.3
ESE		.3										.3	6.0
SE	.3	.3										.6	3.0
SSE	.6	.6										1.2	3.0
S		.9	1.5	.6	.3							3.4	10.1
SSW	.6	1.2	2.5	1.8	.9		.3					7.4	11.0
SW	.6	.6	3.7	4.6	1.5							11.0	11.8
WSW		2.5	6.4	4.6	1.2	.6						15.3	11.2
W	1.2	6.4	6.1	2.8	.3	.6	.3					17.8	8.8
WNW	.6	3.1	1.2	.9								5.8	7.0
NW	.3	3.1	1.8	.6								5.8	6.8
NNW	.9	3.4	1.5	.6								6.4	6.0
VARBL													
CALM												11.3	
	7.4	26.4	29.1	19.3	4.3	1.5	.6					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 326

2

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 70, 72-75 YEARS APK MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.3										3.0	4.3
NNE		.8		.8		.8						2.3	14.7
NE	1.5	.8	.8	1.5	.8							5.3	8.4
ENE													
E		.8	.8									1.5	6.0
ESE			.8									.8	8.0
SE		.8										.8	6.0
SSE		.8										.8	6.0
S	1.5	.8	.8	3.0								6.1	10.1
SSW		2.3	.8	3.0								6.1	9.8
SW	.8	.8	4.5	5.3								11.4	10.2
WSW		3.0	1.5	5.3	3.0	1.5						14.4	13.9
W	2.3	6.1	6.8	5.3	.8	2.3						23.5	10.3
WNW	1.5	1.5	4.5	.8								8.3	7.9
NW	.8	3.8	.8	.8								6.1	6.0
NNW	.8		3.8									4.5	8.2
VARBL													
CALM												5.3	
	9.8	24.2	25.8	25.8	4.5	4.5						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 132

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 69-70, 72-75 APR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.5										2.5	5.0
NNE	1.7											1.7	2.0
NE													
ENE		.8		.8								1.7	10.0
E													
ESE													
SE	.8											.8	2.0
SSE		1.7										1.7	4.0
S	.8	1.7										2.5	3.3
SSW	.8	1.7	2.5	1.7	.8							7.6	9.9
SW	1.7	4.2	6.8	2.5		.8						16.1	8.9
WSW	1.7	5.9	4.2	4.2	.8							16.9	8.2
W	2.5	5.1	5.9	3.4	3.4		.8					21.2	9.8
WNW	.8	4.2	.8									5.9	5.4
NW		.8	.8	1.7	.8							4.2	11.2
NNW		2.5										2.5	4.7
VARBL													
CALM												14.4	
	11.0	31.4	21.2	14.4	5.9	.8	.8					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 118

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 70, 72-75 MONTH 1 Pk
 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													
NNE													
NE	3.6											3.6	2.0
ENE													
E													
ESE													
SE													
SSE													
S	3.0	10.7	3.6									17.9	4.4
SSW	3.6	3.6										7.1	3.5
SW	7.1	7.1	3.6									17.9	5.0
WSW	3.6		7.1	3.6								14.3	7.8
W		3.6										3.6	5.0
WNW		3.6										3.6	5.0
NW	3.6	7.1										10.7	4.0
NNW													
VARBL													
CALM												21.4	
	25.0	35.7	14.3	3.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 28

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 73 YEARS MAY MONTH
0300-0500 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		100.0										100.0	5.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
		100.0										100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5										1.8	4.5
NNE	1.2	1.2	.3									2.7	4.3
NE	.9	.3	.6	.3								2.1	5.7
ENE	.3	.3										.6	3.5
E	.6	.3										.9	3.0
ESE	1.2	2.4	.6									4.1	4.9
SE	2.4	3.5	.9									6.8	4.2
SSE	2.4	6.2	2.4									10.9	5.1
S	2.4	3.5	.9	1.2								8.0	5.7
SSW	.9	1.2	.9									2.9	4.9
SW			.6									.6	3.0
WSW	.9			.3								1.2	4.8
W	.6	.3										.9	3.0
WNW	.6											.6	2.5
NW	.9											.9	2.0
NNW	.3	.3										.6	3.0
VARBL													
CALM												54.6	
	15.6	20.9	7.1	1.8								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 339

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH MAY
 CLASS ALL WEATHER HOURS (L & T) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.8	.6									5.2	4.0
NNE	.9	3.1	.3									4.3	4.4
NE	1.8	.9	1.5	.9								5.2	6.8
ENE	.9	.3	1.2	1.2								3.7	8.2
E	.0	1.2		.3								2.2	5.9
ESE	.3		.3									.6	6.0
SE	.0	.6		.3								1.5	5.8
SSE	.6	.6	.6									1.8	5.7
S	1.8	.9	1.2	1.2								5.2	7.1
SSW	.3	1.2	2.2	.3								4.0	7.7
SW	.3	2.2	2.2	1.2								5.8	7.8
WSW	1.2	4.0	1.5	.6								7.4	6.0
W	2.8	5.5	2.5	.3								11.1	5.3
WNW	.6	2.2	.6									3.4	4.7
NW	2.2	1.5										3.7	3.1
NNW	2.2	2.5										4.6	3.3
VARBL													
CALM												30.2	
	19.1	29.5	14.8	6.5								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 325

1
2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	1.6	.6								5.4	6.8
NNE	1.0	2.2		1.0								4.2	5.7
NE	.3	.3	1.3	.6								2.6	8.5
ENE	1.3	.3	.3									1.9	3.2
E	.3	.3	.6									1.3	6.0
ESE			.6		.3							1.0	12.7
SE	.3	.3										.6	3.0
SSE	.3	1.3	1.3	.6								3.5	8.1
S	.3	2.6	2.9	1.0	.6							7.3	8.8
SSW	.3	.3	1.3	1.9			.3					4.2	12.4
SW	1.0	2.9	4.8	1.9	.3							10.9	8.8
WSW	1.6	4.8	3.5	1.6	.3							11.8	7.4
W	1.6	5.1	4.8		.3	.3						12.1	7.1
WNW	1.0	1.0	1.3	.3								3.5	6.5
NW	1.3	2.2	1.6	.3								5.4	5.9
NNW	2.2	2.6	1.0	.6								6.4	5.1
VARBL													
CALM												17.9	
	13.4	28.8	26.8	10.5	1.9	.3	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

313

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.6	.6									5.4	4.6
NNE	1.2	.6		.6								2.4	5.5
NE		.6	.6									1.2	8.0
ENE		.6										.6	4.0
E		1.2	.6									1.8	6.7
ESE	.6											.6	2.0
SE													
SSE		.6										.6	5.0
S		.6	2.4	.6	1.2							4.8	11.6
SSW	.6	1.8	3.0	3.6	1.2		.6					10.1	12.1
SW		1.8	8.3	3.6								13.7	10.3
WSW	.6	4.2	11.3	5.4	1.2							22.6	9.7
W	1.2	4.2	3.6	3.0	1.2	.6						13.7	9.5
WNW	.6	2.4	.6	.6								4.2	6.9
NW		3.0	1.2									4.2	6.1
NNW		4.2										4.2	5.0
VARBL													
CALM												10.1	
	6.0	29.2	32.1	16.7	4.8	.6	.6					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

168

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH MAY
 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													
NNE		4.2										4.2	5.0
NE													
ENE				1.0								1.0	12.0
E													
ESE													
SE	2.1											2.1	1.5
SSE		1.0										1.0	4.0
S		1.0	2.1									3.1	8.0
SSW		3.1	3.1	1.0	1.0							8.3	8.8
SW		6.2	8.3	4.2								18.7	8.6
WSW	2.1	2.1	9.4	3.1								16.7	8.3
W	2.1	8.3	7.3	2.1								19.8	6.7
WNW	2.1		2.1									4.2	6.0
NW	1.0	3.1										4.2	3.8
NNW	2.1	1.0										3.1	3.3
VARBL													
CALM												13.5	
	11.5	30.2	32.3	11.5	1.0							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 96

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

70, 72-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE			4.0									4.0	10.0
ENE													
E													
ESE													
SE													
SSE													
S	8.0	8.0										16.0	3.2
SSW	4.0	8.0	4.0									16.0	5.8
SW		4.0	8.0									12.0	7.0
WSW		8.0		8.0								16.0	8.8
W	4.0	8.0										12.0	4.7
WNW		8.0										8.0	5.0
NW													
NNW													
VARBL													
CALM												16.0	
	16.0	44.0	16.0	8.0								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 25

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.9										2.0	3.1
NNE	2.3	2.3										4.6	3.5
NE	.9	.9										1.7	3.5
ENE	.3	.9	.3	.3								1.7	6.0
E	1.1	1.1		.3								2.6	.7
ESE	1.1	2.0										3.2	4.0
SE	.9	3.2	1.7									5.7	5.5
SSE	1.7	1.7	1.7									5.2	5.1
S	.6	1.7	.6									2.9	5.0
SSW	.6	2.0	.9									3.4	5.0
SW		1.7	.3	.3		.3						2.6	8.1
WSW	.3	1.1	.6									2.0	5.1
W	1.4	1.7										3.2	3.5
WNW		.3										.3	4.0
NW	.6	.6										1.1	3.8
NNW	1.1	.6										1.7	3.3
VARBL													
CALM												56.2	
	14.0	22.6	6.0	.9		.3						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 349

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.0	.3									6.6	4.3
NNE	.6	.9										1.6	3.8
NE		.3	.6	.3	.3							1.6	11.6
ENE	.9		.3	.6		.3						2.2	10.0
E		.9	.3	.6	.3							2.2	9.7
ESE			.6									.6	9.0
SE	.6			.3								.9	5.0
SSE	.6		.6	.3								1.6	6.4
S	.3	2.5	2.2	1.3	.3							6.6	8.5
SSW	.6	2.2	2.2	.6								5.6	7.2
SW	.3	1.9	2.2	.9								5.3	7.8
WSW	1.3	3.4	2.5	.3		.6						8.1	7.8
W	1.3	5.3	.9	.3								7.8	5.1
WNW	1.6	3.4	1.3									6.3	5.0
NW	1.3	2.5	.9									4.7	4.6
NNW	1.9	3.1										5.0	3.6
VARBL													
CALM												33.4	
	12.5	31.6	15.0	5.6	.9	.9						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 320

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/1AC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH JUL
 CLASS ALL WEATHER HOUR (L & T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0										2.6	4.1
NNE	.7	1.0	1.0	.3								3.0	6.3
NE		.7	.7	.3	.3							2.0	9.8
ENE	.3	.3		.7	.3							1.7	10.4
E		.7	.7	.7	.7							2.6	11.4
ESE		.3		1.0								1.3	10.3
SE		1.0	.3	.7								2.0	7.7
SSE	.7	.3	2.0									3.0	7.2
S	.7	.7	4.0	2.0	1.7							8.9	11.0
SSW	.3	2.3	1.0	2.6	1.7	.7						8.6	11.9
SW	1.0	4.3	4.0	1.0	.7		.3					11.3	8.4
WSW	1.0	4.6	2.3	2.0	.7	.3						10.9	8.4
W	1.3	6.3	4.3	2.0								13.9	6.8
WNW	1.7	2.3	2.0	.3								6.3	5.6
NW	1.0	2.0	2.0									5.0	5.5
NNW	1.0	1.7	.7									3.3	4.6
ARBL													
CALM												13.6	
	10.3	30.5	24.8	14.6	6.0	1.0	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 302

1
2

DATA PROCESSING BRANCH
 FIAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH JUN
 CLASS ALL WEATHER HOURS (LST) 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	.0	1.9	.0									3.2	5.4
NNE													
NE													
ENE	.0		.0									1.3	5.0
E													
ESE		1.3										1.3	6.0
SE	.6	.6	.6									1.9	5.3
SSE				1.3								1.3	15.0
S		.6	2.6	.6	.5							4.5	11.1
SSW		.6	2.6	3.0			1.3					7.8	14.2
SW	.6	3.2	7.8	1.9	1.3	.6	.6					16.2	10.8
WSW	.6	.6	8.4	2.6	1.3	.6						14.3	11.1
W	.6	3.2	11.7	1.9								17.5	8.3
WNW	1.3	3.2	4.5	3.2								12.3	7.8
NW	1.3	4.5	1.3									7.1	5.4
NNW	.6	.6	2.6									3.9	6.8
VARBL													
CALM												7.1	
	7.1	20.8	43.5	14.9	3.2	1.3	1.9					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 154

1
2

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH JUN
 CLASS ALL WEATHER HOURS (LST) 1300-2000
 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		.9										.9	4.0
NNE													
NE													
ENE	.9											.9	2.0
E		.9										.9	6.0
ESE		.9										.9	6.0
SE													
SSE							.9					.9	28.0
S		.9	2.7	6.2								9.8	11.0
SSW		.9	0.2	8.0	2.7							17.9	12.4
SW		2.7	5.4	1.8	1.8							11.6	10.2
WSW	1.8	5.4	13.4	1.8		.9						23.2	9.2
W	1.8	6.2	7.1	1.8								17.0	6.9
WNW	.9	3.6	.9									5.4	5.0
NW		.9										.9	4.0
NNW		1.8										1.8	5.0
VARBL													
CALM												8.0	
	5.4	25.0	35.7	19.6	4.5	.9	.9					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 112

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

70, 72-75
YEARS

JUN
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													
NNE													
NE													
ENE													
E													
ESE													
SE		3.1										3.1	6.0
SSE													
S		3.1	6.3									9.4	7.7
SSW		6.3	12.5		3.1							21.9	9.4
SW	6.3		6.3									12.5	6.3
WSW		6.3	3.1									9.4	6.7
W		12.5	12.5									25.0	6.6
WNW													
NW													
NNW													
VARBL													
CALM												18.8	
	6.3	31.3	40.6		3.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 32

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 72-73 MONTH: JUL
 ALL WEATHER CL: _____ HOURS (L.S.T.): 0300-0500
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		50.0										50.0	5.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												50.0	
		50.0										100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 2

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 69-70, 72-75 MONTH: JUL
 CLASS: ALL WEATHER HOURS (LST): 0600-0800
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.3	.3	.3								1.6	0.0
NNE	.3	.3										.7	3.0
NE	1.3	.7										2.0	2.8
ENE	1.0	.3										1.3	2.8
E	1.6	.7		.3								2.6	4.3
ESE	.7	2.0	.7									3.3	4.8
SE	2.3	2.6	1.0									5.9	4.8
SSE	2.3	3.9	.7	.3								7.2	4.7
S	1.0	3.3	1.6									5.9	5.7
SSW	.3	2.6	1.6									4.6	6.1
SW	.7	2.0	.7									3.3	4.7
WSW	1.6	1.0										2.6	3.1
W	1.3	2.0										3.3	3.9
WNW	.3											.2	2.0
NW	.7	.3										1.0	2.3
NNW	.7	1.3										2.0	3.3
VARBL													
CALM												22.5	
	16.7	23.2	6.5	1.0								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 306

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH JUL
 CLASS ALL WEATHER HOURS (L P T) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.2	.4									3.6	3.9
NNE	1.2		.4									1.6	3.8
NE	.4	.8	.8	.4								2.4	6.7
ENE	.8	.8	.4	.8								2.8	7.4
E	.8		.8									1.6	5.3
ESE		.4										.4	4.0
SE	.8	2.0	.4									3.2	4.8
SSE		2.0	1.2									3.2	6.3
S	.4	3.6	1.6	.4								6.0	6.8
SSW	.8	1.2	2.8									4.8	7.3
SW	2.0	2.8	3.6									8.4	7.7
WSW	2.0	4.4	5.2	.4								12.0	6.5
W	2.8	3.2	3.6									9.6	5.6
WNW	2.0	2.4	.8									5.2	3.9
NW	.8	1.6										2.4	4.0
NNW	1.2	1.2										2.4	3.5
VARBL													
CALM												30.7	
	17.9	27.5	21.9	2.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 251

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 73-75 MONTH JUL
 CLASS ALL WEATHER MONTH 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	1.0	.4								4.3	4.7
NNE		.7	.7	.6								1.8	8.6
NE	.7	1.1	1.1									2.8	6.1
ENE		.4	.7									1.1	7.3
E	1.1	.7										1.8	2.6
ESE			.4									.4	10.0
SE													
SSE		1.8										1.8	5.2
S	1.1	3.6	2.5	2.1								9.3	7.4
SSW		3.2	2.8	.7	.4							7.1	8.0
SW	1.1	.7	4.2	3.6								9.6	9.4
WSW	1.1	5.0	3.0	1.8								11.4	7.5
W	2.5	6.8	7.1	.7								17.1	6.6
WNW	.7	3.2	3.0	.4	.4							8.2	7.1
NW	1.1	2.1	1.1	.4								4.6	5.7
NNW	.4	.4	1.1									1.8	6.2
VARBL													
CALM												17.1	
	9.6	31.7	30.6	10.3	.7							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 281

DATA PROCESSING BRANCH
 TIAA/USAF
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

70, 72-73
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.4	.8									3.2	5.5
NNE		.8	.8	.8								2.4	9.3
NE		1.6	.8									2.4	6.0
ENE		.8	.8									1.6	7.0
E			.8	.8		.8						2.4	16.7
ESE													
SE				.8								.8	12.0
SSE	.8	.8	2.4			.8						4.8	2.5
S	.8	2.4	2.4	.8		.8						7.1	9.2
SSW	.8	1.6	.8	1.6	.8							5.6	9.1
SW	.8	2.4	4.8	2.4	.8	.8						11.9	10.9
WSW		4.0	6.3	3.2	1.6	.8						15.9	10.4
W	1.6	4.0	8.7	3.2								17.5	8.1
WNW	1.6	4.8	3.2									9.5	5.9
NW		3.2	1.6	1.6								6.3	7.9
NNW			2.4	.8								3.2	10.5
VARBL													
CALM												5.6	
	6.3	28.6	36.5	15.9	3.2	4.0						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 126

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 69-70, 73-75 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000
CLASS HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4											1.4	3.0
NNE													
NE													
ENE													
E			2.7									2.7	8.0
ESE		1.4										1.4	6.0
SE					1.4							1.4	18.0
SSE	2.7				1.4							4.1	3.3
S		1.4		1.4	1.4							4.1	13.3
SSW	1.4	1.4	1.4	1.4								5.4	7.8
SW		1.4	2.7	5.4								9.5	10.9
WSW	1.4	5.4	10.8	5.4	1.4							24.3	9.1
W		12.2	0.1	1.4								11.6	7.3
WNW		4.1	1.4									5.4	5.8
NW		4.1										4.1	5.0
NNW			1.4	1.4								2.7	12.0
VARBL													
CALM												12.2	
	0.8	31.1	28.4	15.2	5.4							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 74

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 73-74 MONTH JUL
 CLASS ALL WEATHER HOURS (LST) 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													
NNE													
NE													
ENE													
E			7.7									7.7	8.0
ESE													
SE													
SSE													
S		3.8	3.8									7.7	6.0
SSW	3.8	7.7	7.7									19.2	6.0
SW		7.7	3.8									11.5	6.7
WSW	3.8	15.4	3.8									23.1	5.3
W	3.8	3.8	11.5									19.2	6.8
WNW													
NW			3.8									3.8	10.0
NNW													
VARBL													
CALM												7.7	
	11.5	38.5	42.3									100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 26

1
2

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 69-70, 72-75 MONTH AUG
 CLASS ALL WEATHER HOURS (L S T) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8										.8	5.3
NNE	1.0	.8										2.5	3.1
NE	.5	.5	.3									1.4	5.0
ENE	1.9	1.4										3.3	3.2
E	2.5	3.3	.5	.3								6.6	4.2
ESE	1.6	1.4	.5	.3								3.8	4.9
SE	1.9	2.5	.3									4.7	3.8
SSE	2.7	3.3	1.4	.3								7.7	4.7
S	3.0	4.7	.8	.8								9.3	5.1
SSW	.8	1.9	.3									3.0	4.3
SW		.5	.3									.8	5.0
WSW	.3	.8	.3									1.4	5.0
W		.5										.5	5.0
WNW	.5	.3										.8	2.7
NW		.3										.3	4.0
NNW	.8	1.1										1.9	3.7
VARBL													
CALM												31.2	
	18.4	24.1	4.7	1.6								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 305

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

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

03148 GILA BENJ AAF ARIZONA 69-70, 72-75 ALLG
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5										2.6	3.6
NNE	2.6	1.1	.4	.4								4.4	4.2
NE	.4	.4	.4	.4								1.5	7.0
ENE	1.5	1.8	.7									4.1	4.3
E	2.6	.7	.4									3.7	3.7
ESE	.4	1.8										2.2	5.0
SE	.4	.7	1.1									2.2	6.2
SSE		1.1	1.1	.4								2.6	7.4
S	1.5	.4	1.1									3.0	4.5
SSW	1.5	1.1	1.1									3.7	4.9
SW	1.1	1.8	1.5	1.1								5.5	7.1
WSW	1.1	3.7	.7									5.5	4.9
W	2.6	5.2	2.2	.4								10.3	5.3
WNW	1.1	1.8										3.0	3.6
NW	1.1	1.1										2.2	3.2
NNW	.4	1.1										1.5	5.0
VARBL													
CALM												42.1	
	19.2	25.5	10.7	2.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 211

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 69-70, 72-75 AUG
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.9	1.3									5.2	5.8
NNE	.7	1.0	.3									2.0	5.0
NE	.3	3.0		.3								3.6	5.4
ENE	.7	1.0	.3									2.0	4.7
E	.3	2.3	.3	.3								3.3	5.6
ESE	1.0			.3								1.3	5.0
SE		.7										.7	4.0
SSE	.7	2.0	1.0									3.6	5.7
S	.7	2.0	2.3	.3								5.2	7.2
SSW	1.3	2.3	1.0	.3								4.9	5.1
SW	.7	2.0	2.6	.3	.7							6.2	8.1
WSW	2.6	5.2	3.9	1.0								12.8	6.0
W	3.3	4.9	3.0									11.1	4.9
WNW	1.0	4.3	1.3	.3								6.9	5.3
NW	.3	2.3	1.3	.3								4.3	6.0
NNW	.7	3.6	1.3	.3								5.9	6.2
VARBL													
CALM												21.0	
	14.1	40.3	20.0	3.9	.7							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 305

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.3									3.8	6.3
NNE	.6		.6									1.3	4.5
NE		1.9										1.9	4.3
ENE													
E	.6		1.9	.6	.6							3.8	10.8
ESE			.6									.6	8.0
SE		.6										1.3	5.5
SSE		1.3	.6	.6								2.5	7.5
S	.6	1.9	1.9	.6	.6	.6						6.3	10.0
SSW	.6	1.9	1.9	.6								5.1	7.0
SW	.6	.6	4.4									5.7	8.0
WSW	1.3	7.0	5.7	1.3								15.2	7.4
W	2.5	8.9	5.7	1.3								18.4	5.9
WNW	.6	7.6	3.8	.6								12.7	6.0
NW	.6	4.4	2.5									7.6	6.0
NNW	.6	1.3	1.9	.6	.6							5.1	8.5
VARBL													
CALM												8.9	
	9.5	39.2	33.5	6.3	1.9	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 158

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.1									1.1	3.0
NNE		2.2	1.1									3.3	6.3
NE													
ENE													
E	1.1	2.2	1.1									4.4	5.0
ESE			2.2									2.2	9.0
SE		1.1		1.1								2.2	9.0
SSE		1.1										1.1	5.0
S		1.1	3.3									4.4	7.0
SSW			3.3	1.1								4.4	10.5
SW		2.2	5.6	1.1								8.9	8.4
WSW	6.7	6.7	6.7	1.1								21.1	5.7
W	2.2	11.1	6.7									20.0	5.7
WNW	1.1	3.3	1.1									5.6	5.0
NW	2.2	5.6		1.1								8.9	5.8
NNW	1.1	1.1	1.1									3.3	5.0
VARBL													
CALM												8.9	
	14.4	37.8	33.3	5.6								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

90

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 72-75 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													
NNE													
NE	3.7		3.7									7.4	6.5
ENE													
E													
ESE													
SE													
SSE		3.7	3.7									7.4	6.5
S	3.7	3.7	3.7									11.1	5.3
SSW		3.7	7.4									11.1	6.7
SW		3.7	22.2									25.9	7.6
WSW	3.7	3.7	3.7									11.1	5.3
W		3.7	3.7									7.4	6.0
WNW		3.7										3.7	6.0
NW													
NNW		3.7										3.7	6.0
VARBL													
CALM												11.1	
	11.1	29.6	48.1									100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 27

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-70, 72-74 YEARS SFP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.9										1.5	3.8
NNE	1.5	.6										2.1	3.1
NE	1.5	2.4	.3									4.1	4.1
ENE	1.5	3.5	2.9	.3								8.3	6.6
E	2.9	1.8	1.5	.9								7.1	5.7
ESE	2.4	2.1	1.5									5.9	4.8
SE	2.4	3.8	.6									6.8	4.2
SSE	4.1	4.7	.3									9.1	3.7
S	2.1	3.5	.3									5.9	4.1
SSW	.6	.6	.9									2.1	5.6
SW		.6										.6	5.0
WSW		.3										.3	4.0
W													
WNW													
NW													
NNW		.6		.3								.9	7.3
VARBL													
CALM												45.4	
	19.5	25.4	8.3	1.5								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 339

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	3.3	1.0	1.0								9.1	5.0
NNE	2.9	4.2	1.0									8.1	4.1
NE	1.0	2.3	1.3	.7								5.9	6.2
ENE	.3	1.3	4.2	2.6	.3							8.8	9.3
E	1.3	.3	1.3	1.3	1.0							5.2	10.1
ESE	.7	1.6	1.3	.3								3.9	6.3
SE	.7	.7	.3									1.6	4.2
SSE	.3	.7	.7									1.6	5.6
S		2.6	1.0	.7								4.2	7.1
SSW	1.3	1.0	1.0									3.3	5.3
SW	.7	2.0	.7	.3								3.6	6.0
WSW	.3	1.0	.3	.7								2.3	7.6
W	1.3	1.0	.7									2.9	5.1
WNW	.3	.3										.7	3.0
NW	2.3	1.0										3.3	2.6
NNW	2.6	2.6										5.2	3.2
VARBL													
CALM												30.3	
	20.5	25.7	14.7	7.5	1.3							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 307

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
YEARS

SFP
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	2.3	3.3	2.0									7.6	5.0
NNE	1.0	2.0	.3	.3	.3							4.0	6.8
NE	1.0	1.7	2.3	.3								5.3	6.4
ENE	.7	1.7	3.0	1.7								6.9	7.7
E	1.0	3.3	1.3	.7								6.3	5.9
ESE	.7	1.3	.7									2.6	5.0
SE	.3	.7	.3	.7								2.0	7.2
SSE	1.3	.7	1.3									3.3	5.0
S	2.0	.7	1.3	.3								4.3	4.9
SSW	.3	.3	1.0	.3								2.0	7.5
SW		.7	2.0	1.3								4.0	9.4
WSW		4.3	3.0	.7								7.9	7.0
W	3.0	4.3	1.7									8.9	4.7
WNW	1.0	2.3	.7									4.0	4.5
NW	1.3	3.3	.3									5.0	4.5
NNW	2.0	3.3	1.3									5.6	4.8
VARBL													
CALM												19.5	
	17.8	33.7	22.4	6.3	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 303

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.8	4.8									9.5	6.3
NNE		3.8										3.8	5.5
NE		2.9										2.9	4.7
ENE	1.0	1.0	2.9	1.9	1.0							7.6	10.3
E		1.0	1.9									2.9	8.0
ESE													
SE													
SSE		1.9	1.0									2.9	7.3
S		1.0	2.9	1.0								4.8	9.8
SSW													
SW	1.9		6.7									8.6	8.2
WSW	4.8	2.9	1.0									8.6	3.9
W	1.0	11.4	3.8	1.0								17.1	6.7
WNW	1.9	3.8	4.8									10.5	6.6
NW	1.0	1.0	1.0									2.9	5.0
NNW		1.9										1.9	4.0
VARBL													
CALM												16.2	
	12.4	36.2	30.5	3.8	1.0							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

105

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-73
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	5.5										6.8	4.6
NNE	1.4	2.7	1.4			1.4						6.8	8.4
NE		1.4										1.4	4.0
ENE				1.4								1.4	11.0
E													
ESE													
SE													
SSE													
S		1.4	4.1									5.5	7.5
SSW			1.4	1.4								2.7	11.0
SW	2.7		5.5	2.7								11.0	7.9
WSW	4.1	5.5	2.7	1.4	1.4							15.1	7.3
W	1.4	12.3	4.1									17.8	5.7
WNW		1.4	1.4									2.7	6.5
NW	1.4											1.4	3.0
NNW	2.7	2.7				1.4						6.8	8.0
VARBL													
CALM												20.5	
	15.1	32.9	20.5	6.8	1.4	2.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

73

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 1

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 68-70, 72-74 MONTH: JCT
 CLASS: ALL WEATHER HOURS (L.S.T.): 0600-0800
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5										1.1	3.5
NNE	1.1	2.2	.3									3.6	4.0
NE	2.2	2.7	.3									5.2	3.7
ENE	2.5	1.1	2.2	.3								6.0	5.6
E	4.7	2.7	.8									8.2	3.8
ESE	3.3	1.9	.5									5.8	3.8
SE	3.3	3.6	.8	.5								8.2	4.4
SSE	2.2	4.7										6.8	3.9
S	2.2	2.2	1.1	.3								5.8	4.7
SSW	.5	.5	.3	.3								1.6	6.2
SW	.3		.8									1.1	6.5
WSW		.5		.3								.8	7.7
W													
WNW		.3										.3	4.0
NW													
NNW													
VARB:													
CALM												45.5	
	22.7	23.0	7.1	1.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 365

2

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

JCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	9.8	3.7	.9								20.2	5.1
NNE	2.5	6.4	.9									9.8	4.3
NE	2.1	3.4	1.8									7.4	5.4
ENE	.9	.9	2.5	.9	.3							5.5	6.3
E	.3	.3	.9	.6								2.1	8.4
ESE		.3										.3	4.0
SE		.9	.3									1.2	5.8
SSE	1.2	.3	.3									1.8	4.2
S	.3	.9	.6	.3								2.1	6.3
SSW			1.2	1.2								2.5	12.3
SW	.3	1.8	.9	.6	.3							4.0	8.2
WSW		.9	.6									1.5	6.4
W	.6	1.8	.9									3.4	5.6
WNW	1.5	1.2	.3									3.1	3.7
NW	1.5	2.1										3.7	3.8
NNW	2.1	1.8	1.8									5.8	4.9
VARBL													
CALM												25.5	
	19.3	33.1	16.9	4.6	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

326

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-70,72-74 YEARS JCT NORTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	7.6	3.6	.9								13.9	6.1
NNE	1.2	2.7	1.8	.3								6.1	5.7
NE	1.8	2.1	2.1	.3								6.4	5.7
ENE	.3	1.2	1.5									3.0	6.9
E	.6	1.5	.9	.6	.3							3.9	7.9
ESE		.3										.3	4.0
SE	.3	.6	.3									1.2	5.5
SSE		.6		.3								.9	9.3
S	.9	1.8	1.5	1.8								6.1	7.9
SSW	.3	.6	.9	.3	.3							2.4	8.5
SW	.9	1.5	2.4	1.2	.3							6.4	8.2
WSW	.3	3.0	2.4	.9	.3	.3						7.3	8.7
W	1.5	5.2	1.8	.3	.3							9.1	5.8
WNW	.9	2.4	.3									3.6	4.4
NW	1.8	3.9	.9	.3								7.0	5.1
NNW	2.4	3.9	.9									7.3	4.5
VARBL													
CALM												15.2	
	15.2	39.1	21.5	7.3	1.5	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 330

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 68-70, 72-74 MONTH

STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700

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	.8	4.8	4.8									10.5	6.4
NNE	.8	2.4	1.6									4.8	5.7
NE	.8	2.4	.8	.8								4.8	6.5
ENE			1.6									1.6	9.0
E	.8	1.6	.8									3.2	5.8
ESE		.8										.8	5.0
SE		.8										.8	5.0
SSE				.8								.8	13.0
S	.8		3.2									4.0	8.2
SSW	.8	.8	1.6									3.2	6.5
SW		1.6	1.6	.8								4.0	9.6
WSW		6.5	4.0	.8								11.3	7.4
W	1.6	7.3	.8	3.2								12.9	7.2
WNW	1.6	4.8	1.6		.8							8.9	6.7
NW	.8	4.8	1.6									7.3	5.0
NNW	3.2	2.4										5.6	3.1
VARBL													
CALM												15.3	
	12.1	41.1	24.2	6.5	.8							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 124

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 68-70, 72-74 IGT
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	2.1										4.3	3.3
NNE	1.1											1.1	3.0
NE	2.1	4.3	3.2	1.1								10.6	6.3
ENE		1.1										1.1	5.0
E	1.1	2.1										3.2	3.7
ESE													
SE		1.1										1.1	6.0
SSE		1.1										1.1	6.0
S	3.2											3.2	1.7
SSW		2.1	3.2									5.3	6.4
SW	2.1	2.1	1.1									5.3	4.4
WSW	3.2	1.1										4.3	2.8
W	4.3	4.3	1.1									9.6	3.7
WNW	1.1	1.1	1.1	2.1								5.3	8.6
NW	2.1	2.1										4.3	3.3
NNW		1.1										1.1	4.0
VARBL													
CALM												39.4	
	22.3	25.5	9.6	3.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 94

1
2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68, 73-74 YEARS UCT MONTH
2100-2300 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													
NNE													
NE													
ENE													
E													
ESE													
SE	33.3											33.3	3.0
SSE													
S													
SSW													
SW		33.3										33.3	4.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												33.3	
	33.3	33.3										100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 3

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 72 MONTH: NOV
 CLASS: ALL WEATHER HOURS (L.S.T.): 0300-0500
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 68-74 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3										2.3	3.7
NNE	2.5	3.0	.5									6.1	4.0
NE	1.3	2.8	.8									4.8	4.8
ENE	3.0	3.0	.5	.3								6.8	4.0
E	5.8	2.5	.8									9.1	3.4
ESE	2.5	2.0	.5	.5								5.6	4.7
SE	2.0	1.3	.5									3.8	3.9
SSE	3.3	3.0	.3									6.6	3.2
S	2.3	2.0	.5									4.8	3.9
SSW	.5	1.0	.8									2.3	5.6
SW	.3	.3										.5	4.0
WSW	.5		.3									.8	5.0
W	.3	.8										1.0	4.0
WNW	.5											.5	2.0
NW			.5									.5	8.0
NNW	.3											.3	2.0
VARBL													
CALM												44.3	
	26.1	23.0	5.8	.8								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 395

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	9.4	5.1	.9	.2							19.4	5.9
NNE	3.7	7.1	.9	.6								12.3	4.7
NE	2.0	4.3	1.1	.9								8.3	5.8
ENE	1.7	1.7	.9	1.7	.6							6.6	8.1
E	1.1	.6	.6	.3	.3							2.9	6.6
ESE		.3										.3	4.0
SE	.3	.3	.6	.6								1.7	8.5
SSE	.3	.6	.3	.3								1.4	6.0
S	.3	.9		.6	.3							2.0	8.6
SSW		.6										.6	5.0
SW		1.7	.9	.6								3.1	7.5
WSW	.6	2.6	.3	.3								3.7	5.3
W	1.1	1.1										2.3	3.4
WNW	.3	.3	.3									.9	5.0
NW	.3	1.4	.3									2.0	4.6
NNW	.9	.6	.6									2.0	4.4
VARBL													
CALM												30.6	
	16.3	33.4	11.7	6.6	1.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 350

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NDV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	7.9	2.9	.9								14.9	5.6
NNE	.9	3.2	1.2	2.0	.9	.3						8.5	9.6
NE	.6	1.7	3.2	1.5	.3	.3						7.6	9.0
ENE	.6	2.6	1.5	.9	.9							6.4	8.7
E		.6	1.2	.9								2.6	9.6
ESE	.3	.3										.6	3.5
SE			.3									.3	8.0
SSE		.3		.3								.6	8.0
S		.3		.9	.6							1.7	13.7
SSW		1.5	.9									2.3	5.9
SW			1.2	.6	.3							2.0	11.6
WSW	.3	1.5	1.7	1.5								5.0	8.7
W	3.2	1.2	3.2		.3							7.9	5.8
WNW	1.7	3.5	1.5	.3								7.0	5.0
NW	1.2	2.3	.3									3.8	4.2
NNW	3.2	3.8	.6									7.6	4.0
VARBL													
CALM												21.3	
	15.2	30.6	19.5	9.6	3.2	.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

343

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 68-74 JUNE
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
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	6.4	2.3									9.8	5.2
NNE	1.7	2.3	2.9									6.9	5.9
NE	.6		3.5	1.2								5.2	8.4
ENE		1.7	2.3									4.0	7.3
E			.6									.6	8.0
ESE		.6										.6	5.0
SE			.6									.6	10.0
SSE													
S	.6	.6										1.2	3.5
SSW			.6	.6								1.2	13.0
SW		.6	1.2	.6								2.3	9.5
WSW		3.5	1.2	1.2	1.2							6.9	9.4
W	2.3	6.9	2.9	.6								12.7	5.5
WNW	3.5	4.0	1.2									8.7	4.0
NW	2.3	5.2										7.5	4.1
NNW	2.9	3.5	1.2									7.5	4.2
VARBL													
CALM												24.3	
	15.0	35.3	20.2	4.0	1.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 173

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

4/7
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0											1.0	2.0
NNE		1.0	1.0									1.9	6.0
NE	3.8	1.0	1.0									5.8	3.5
ENE		1.0										1.0	4.0
E		1.9										1.9	4.0
ESE	1.0											1.0	3.0
SE	1.9	1.0										2.9	3.0
SSE	2.9	2.9	1.0									6.7	4.3
S	4.8	3.8	1.0									9.6	3.5
SSW	1.9	1.9	1.0									4.8	4.8
SW	3.8	2.9	1.0									7.7	4.0
WSW	1.9	1.0										2.9	4.0
W	1.0	2.9	1.0									4.8	4.6
WNW	1.0	1.0										1.9	3.0
NW	1.0											1.0	2.0
NNW	3.8	1.0										4.8	2.0
VARBL													
CALM												40.4	
	29.8	23.1	6.7									100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 104

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 74 MONTH: NOV
 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	100.0											100.0	2.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	100.0											100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 03148 STATION NAME GILA BEND AAF ARIZONA YEARS 72 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 1

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 58-74 MONTH: DEC
 CLASS: ALL WEATHER HOURS (L.S.T.): 0600-0800
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.3	.3									1.5	4.0
NNE	1.5	1.5										2.9	3.5
NE	.6	2.3	.6	.3								3.8	5.3
ENE	1.7	2.3	.6									4.7	4.3
E	5.5	2.6	.9	.3								9.3	3.6
ESE	5.0	.9										5.8	2.8
SE	3.8	3.2	.3									7.3	3.4
SSE	2.3	.9										3.2	3.1
S	2.3	2.3										4.7	3.3
SSW	.6	.9	.6									2.0	5.1
SW	.3	.6	.3									1.2	5.0
WSW	.3	.6	.3	.6								1.7	7.3
W		1.5										1.5	4.8
WNW		.3	.6	.3								1.2	9.3
NW	.6	.3	.3									1.2	3.8
NNW													
VARBL													
CALM												48.1	
	25.4	20.4	4.7	1.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 343

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 03148 STATION NAME: GILA BEND AAF ARIZONA YEARS: 68-74 MONTH: DEC
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	4.8	2.1									9.6	4.9
NNE	2.1	4.5	2.7	.3								9.6	5.7
NE	2.4	6.3	.9	.3								9.9	4.9
ENE	3.0	4.2	1.8	.6								9.6	5.0
E	1.8	1.8	1.2	.3								5.1	5.6
ESE	.9		.3									1.2	4.5
SE	.3	.3	.3									.9	5.7
SSE	.3	1.5										1.8	4.3
S	1.5	.6										2.1	2.7
SSW	.3	.9	.3									1.5	4.6
SW	.9	1.2	.6									2.7	4.7
WSW	.3	.9	.3	.6								2.1	7.6
W	1.2	.6	1.5	.3								3.6	6.9
WNW		.6	.3									.9	6.0
NW	1.2	1.8	.9									3.9	5.0
NNW	.3	.6										.9	3.7
VARBL													
CALM												34.5	
	19.2	30.6	13.2	2.4								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 333

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 68-74 JEC
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	9.6	4.6	.9								18.8	5.6
NNE	1.5	3.4	1.5	.6								7.1	6.0
NE	.3	1.2	2.5									4.0	6.9
ENE		.6	1.5	2.2								4.3	10.1
E		.3	1.5	.3								2.2	9.4
ESE													
SE				.3								.3	14.0
SSE													
S	.3		.6	.6								1.5	10.0
SSW	.3			.3								1.2	7.0
SW	.3	1.2	1.2	.6								3.4	8.0
WSW	.9	1.5	1.9	.3								4.6	6.6
W	3.7	2.8	2.2	.3								9.0	4.9
WNW	2.5	2.8	1.2									5.5	4.2
NW	1.9	2.5	.9	.3								5.6	4.9
NNW	1.5	4.3	1.2	.3	.3							7.7	5.3
VARBL													
CALM												23.8	
	17.0	30.9	21.0	7.1	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 324

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-74 YEARS GFC MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.9	4.9	1.2									11.0	4.1
NNE	1.2	2.4	2.4									6.1	5.6
NE		2.4	3.0	1.2								6.7	8.0
ENE		.6	1.2	.6								2.4	3.3
E				.6	.6							1.2	15.0
ESE													
SE													
SSE													
S	.6	1.2	.6	1.2			.6					4.3	11.3
SSW	1.8	.6	1.2									3.7	4.5
SW	.6	.6										1.2	4.5
WSW	1.8	3.0	.6									5.5	4.4
W	3.7	3.7	3.0									10.4	5.3
WNW	1.2	1.2		.6								3.0	5.2
NW	1.2	1.2										2.4	3.5
NNW	.6	2.4										3.0	4.6
VARBL													
CALM												39.0	
	17.7	24.4	13.4	4.3	.6		.6					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 164

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 GILA BEND AAF ARIZONA 68-74 DEC
STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000
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	3.8	.9										4.7	2.8
NNE	.9	.9										1.9	4.0
NE	.9	.9										1.9	4.0
ENE													
E													
ESE	.9											.9	3.0
SE	.9	2.8										3.8	3.5
SSE	4.7	4.7	.9									10.4	3.6
S	3.8	3.8		.9								8.5	4.6
SSW	.9											.9	3.0
SW	1.9	.9										2.8	3.0
WSW	.8	.9	1.9			.9						6.6	7.6
W	.9	.9	1.9									3.8	5.8
WNW	1.9											1.9	2.5
NW	.9											.9	2.0
NNW		.9										.9	4.0
VARBL													
CALM												50.0	
	25.5	17.9	4.7	.9		.9						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 106

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 74 YEAR DEC NORTH

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													
NNE													
NE													
ENE													
E													
ESE													
SE	10.0											10.0	1.0
SSE	10.0	20.0										30.0	3.7
S	30.0											30.0	2.3
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												30.0	
	50.0	20.0										100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 10

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-70,72-73,75 YEARS ALL MONTH

INSTRUMENT
CLASS

ALL
HOURE (L.S.T.)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.5										5.0	4.5
NNE													
NE													
ENE	2.5	2.5										5.0	4.0
E			5.0									5.0	10.0
ESE													
SE													
SSE							2.5					2.5	28.0
S													
SSW								7.5				7.5	29.3
SW	5.0		2.5			2.5						10.0	9.3
WSW	2.5	7.5		7.5		5.0						22.5	12.2
W	5.0	10.0										15.0	3.7
WNW	2.5											2.5	1.0
NW													
NNW	5.0	2.5			2.5							10.0	7.5
VARBL													
CALM												15.0	
	25.0	25.0	7.5	7.5	2.5	7.5	10.0					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 40

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-75

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 20000	88.0	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 18000	88.5	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 16000	89.3	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 14000	91.0	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	91.8	91.8
≥ 12000	92.5	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 10000	93.7	94.3	94.4	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
≥ 9000	94.3	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	95.2	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 7000	96.0	96.7	96.8	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
≥ 6000	96.9	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 5000	97.6	98.3	98.4	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
≥ 4500	97.8	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4000	98.1	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500	98.3	99.1	99.2	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
≥ 3000	98.5	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	98.5	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	96.7	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS... 13702

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71, 73-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.3	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 20000	81.6	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 18000	82.3	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 16000	83.7	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 14000	85.8	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 12000	86.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 10000	87.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 9000	88.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 8000	89.5	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 7000	91.2	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 6000	93.8	95.7	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 5000	94.4	96.4	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 4500	94.5	96.5	96.5	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4000	95.4	97.4	97.4	97.7	97.7	97.7	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 3500	95.4	97.4	97.4	97.7	97.7	97.7	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 3000	95.7	97.7	97.7	98.0	98.1	98.1	98.1	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
IV 2500	96.1	98.1	98.1	98.4	98.5	98.5	98.6	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	96.4	98.3	98.4	98.7	98.8	98.8	98.9	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800	96.5	98.4	98.5	98.8	98.9	98.9	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	96.5	98.4	98.5	98.8	98.9	98.9	99.0	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	96.6	98.5	98.6	98.9	99.0	99.0	99.1	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	96.6	98.5	98.6	98.9	99.0	99.0	99.1	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	96.6	98.5	98.6	98.9	99.0	99.0	99.1	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	96.6	98.5	98.7	99.0	99.1	99.1	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	96.6	98.5	98.7	99.0	99.1	99.1	99.2	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.6	98.5	98.7	99.0	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1026

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71, 73-75
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	83.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV IV 18000	83.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
16000	84.1	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV IV 14000	85.4	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
12000	87.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV IV 10000	88.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
9000	90.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV IV 8000	91.6	92.8	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
7000	93.5	94.6	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 IV 6000	94.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
5000	95.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV IV 4500	95.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
4000	96.4	97.6	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
IV IV 3500	97.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
3000	97.5	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV IV 2500	97.5	98.6	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2000	97.5	98.6	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV IV 1800	97.5	98.6	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1500	97.6	98.7	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV IV 1200	97.6	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	97.6	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV IV 900	97.6	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	97.6	98.8	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV IV 700	97.6	98.8	99.1	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	97.6	98.8	99.1	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV IV 500	97.7	98.9	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
400	97.8	99.0	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV IV 300	97.8	99.0	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
200	97.8	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV IV 100	97.8	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0	97.8	99.0	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1063

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-71,73-75
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS/24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.4	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 20000	79.7	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 18000	80.8	81.7	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 16000	81.0	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 14000	82.3	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 12000	83.5	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 10000	85.4	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 9000	86.4	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 8000	87.8	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 7000	89.5	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 6000	92.4	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 5000	94.8	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4500	95.5	96.4	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 4000	96.5	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 3500	97.4	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3000	98.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2500	98.1	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	98.2	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	99.8	99.8
IV 1800	98.2	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	99.8	99.8
IV 1500	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1178

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	82.1	83.2	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
IV 20000	89.1	90.4	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
IV 18000	89.5	90.7	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
IV 16000	89.5	90.7	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
IV 14000	90.5	91.7	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
IV 12000	90.8	92.1	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
IV 10000	91.5	92.8	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	
IV 9000	93.1	94.3	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	
IV 8000	93.9	95.3	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	
IV 7000	94.6	96.0	96.4	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 6000	95.5	96.9	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
IV 5000	96.2	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
IV 4500	96.4	97.9	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
IV 4000	97.2	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
IV 3500	97.5	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	99.6	
IV 3000	97.6	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IV 2500	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 2000	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1800	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1500	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1200	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1000	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 900	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 800	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 700	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 600	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 500	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 400	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 300	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 200	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 100	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 0	97.8	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 1111

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9
IV 20000	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
IV 18000	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
IV 16000	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3
IV 14000	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6
IV 12000	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
IV 10000	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
IV 9000	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
IV 8000	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
IV 7000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
IV 6000	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
IV 5000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
IV 4500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
IV 4000	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
IV 3500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 3000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 2500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 2000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 1800	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 1500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 1200	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 1000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 900	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 800	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 700	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 600	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 500	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 400	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 300	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 200	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 100	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1107

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	94.5	95.1	95.1	95.4	95.4	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 20000	96.0	96.6	96.7	97.1	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 8000	96.1	96.6	96.8	97.2	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 16000	96.8	97.4	97.5	97.9	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 14500	97.3	97.8	98.0	98.3	98.3	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 12000	97.7	98.2	98.4	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 10000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 9500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 8000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 7000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 6000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.4	98.9	99.1	99.5	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.4	98.9	99.1	99.5	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 1134

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 20000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 18000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 16000	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	86.3
IV 14000	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
IV 12000	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 10000	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	97.8
IV 9000	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 8000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 7000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 6000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 5000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1050

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 20000	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 18000	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 14000	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
≥ 12000	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
≥ 10000	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 9000	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
≥ 8000	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	99.5	99.5	99.5
≥ 7000	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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	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

TOTAL NUMBER OF OBSERVATIONS

1219

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-70,72-74

SFP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.7	92.2	92.7	92.2	92.7	92.2	92.7	92.2	92.2
IV 20000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 18000	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
IV 16000	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
IV 14000	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 12000	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 10000	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 9000	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 8000	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 7000	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 6000	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 5000	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4500	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 4000	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3500	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3000	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1126

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-70, 72-74

JCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
≥ 20000	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
≥ 18000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
IV 16000	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	88.3	88.3	
IV 14000	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
IV 12000	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
IV 10000	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
IV 9000	96.1	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 8000	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
IV 7000	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
IV 6000	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IV 5000	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
IV 4500	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IV 4000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 3500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 3000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 2500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 2000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 1800	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 1500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 1200	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1000	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 900	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 800	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 700	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 600	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 500	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 400	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 300	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 200	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 100	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 1243

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-74

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	81.0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 20000	88.4	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
≥ 18000	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 16000	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 14000	90.5	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
≥ 12000	91.4	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
≥ 10000	92.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 9000	92.9	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
≥ 8000	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 7000	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	95.9	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
IV 5000	96.8	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
≥ 4500	97.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 4000	97.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	97.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3000	97.7	98.9	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
≥ 2500	97.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	98.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	98.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	98.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1333

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-74

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	79.7	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
≥ 20000	87.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
IN 18000	88.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IN 16000	88.9	90.0	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	
IN 14000	90.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
IN 12000	90.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
IN 10000	91.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
IN 9000	92.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
IN 8000	92.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
IN 7000	94.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
IN 6000	95.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
IN 5000	96.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
IN 4500	96.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
IN 4000	97.1	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	98.6	
IN 3500	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
IN 3000	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IN 2500	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IN 2000	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
IN 1800	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
IN 1500	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
IN 1200	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
IN 1000	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 900	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 800	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 700	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 600	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 500	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 400	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 300	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 200	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 100	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IN 0	98.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	

TOTAL NUMBER OF OBSERVATIONS

1112

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 20000	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 18000	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 16000	81.0	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 14000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 12000	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 10000	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 9000	86.9	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
IV 8000	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 7000	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 6000	94.8	95.5	95.5	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 5000	95.9	96.6	96.6	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 4500	96.2	96.9	96.9	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 4000	96.9	97.6	97.6	97.9	97.9	97.9	98.3	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0
IV 3500	96.9	97.6	97.6	97.9	97.9	97.9	98.3	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0
IV 3000	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 2500	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 2000	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 1800	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 1500	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 1200	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 1000	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 900	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 800	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 700	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 600	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 500	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 400	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 300	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 200	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 100	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
IV 0	97.2	97.9	97.9	98.3	98.6	98.6	99.0	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 290

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-71, 73-75

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.6	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 20000	79.3	81.5	81.5	81.9	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 18000	79.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 16000	80.4	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 14000	82.6	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 12000	83.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 10000	83.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 9000	83.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 8000	86.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 7000	89.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 6000	91.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 5000	91.5	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 4500	91.5	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 4000	93.0	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 3500	93.0	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 3000	93.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2500	94.4	97.4	97.8	98.1	98.1	98.1	98.1	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	94.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	94.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	94.8	97.8	98.1	98.5	98.5	98.5	98.5	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.2	98.1	98.5	98.9	98.9	98.9	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 270

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71, 73-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	71.6	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 20000	84.8	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 18000	84.8	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
16000	86.8	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 14000	87.6	90.0	90.0	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
12000	88.0	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 10000	89.2	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
9000	90.8	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 8000	90.8	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
7000	91.6	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 6000	92.8	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
5000	93.6	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4500	93.6	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
4000	94.0	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3500	94.0	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
3000	94.0	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 25	94.4	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2000	95.2	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1500	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1000	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	95.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
800	95.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	95.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.6	98.4	98.8	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 250

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

62-71,73-75

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 20000	82.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 18000	83.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 16000	85.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 14000	86.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 12000	88.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 10000	89.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 9000	89.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 8000	90.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 7000	93.4	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	95.6	95.6
IV 6000	95.6	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
IV 5000	96.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 4500	96.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 4000	97.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3500	97.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3000	97.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2500	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 05	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 136

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
V 20000	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	88.2
IV 18000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 16000	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 14000	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	94.7
IV 12000	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
IV 10000	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
IV 9000	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
IV 8000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 7000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 6000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 5000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 4500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 76

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

6974
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.8	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 26000	83.7	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	85.8	85.8
IV 18000	84.1	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 16000	84.8	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 14000	86.9	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 12000	88.2	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 10000	90.3	92.0	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
IV 9000	91.7	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 8000	92.7	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	94.8	94.8
IV 7000	94.1	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 6000	95.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 5000	95.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 4500	95.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 4000	95.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 3500	95.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 3000	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2500	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2000	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	96.9	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 289

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	72.8 82.1	73.9 83.2	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6	74.3 83.6
IV N 8000 16000	82.1 83.2	83.2 84.3	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7	83.6 84.7
IV N 14000 12000	84.0 86.2	85.1 87.3	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7	85.4 87.7
IV N 0000 9000	87.7 89.2	88.8 90.2	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7	89.2 90.7
IV N 8000 7000	91.0 91.0	92.2 92.2	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 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5	92.5 92.5
IV N 6000 5000	92.5 93.7	93.7 94.8	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1	94.0 95.1
IV N 4500 4000	93.7 95.5	94.8 96.6	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0	95.1 97.0
IV N 3500 3000	95.9 96.6	97.0 97.8	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1
IV N 2500 2000	96.6 96.6	97.8 97.8	98.1 98.1	98.1 98.1	98.1 98.1	98.1 98.1	98.5 98.5	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9
IV N 1800 1500	96.6 96.6	97.8 97.8	98.1 98.1	98.1 98.1	98.1 98.1	98.1 98.1	98.5 98.5	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9
IV N 1200 1000	96.6 96.6	97.8 97.8	98.1 98.1	98.1 98.1	98.1 98.1	98.1 98.1	98.5 98.5	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9
IV N 900 800	96.6 96.6	97.8 97.8	98.1 98.1	98.1 98.1	98.1 98.1	98.1 98.1	98.5 98.5	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9
IV N 700 600	96.6 96.6	97.8 97.8	98.1 98.1	98.1 98.1	98.1 98.1	98.1 98.1	98.5 98.5	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9
IV N 500 400	97.0 97.4	98.1 98.5	98.5 98.9	98.5 98.9	98.5 98.9	98.5 98.9	98.9 99.3	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6
IV N 300 200	97.4 97.4	98.5 98.5	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	99.3 99.3	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0
IV N 00 0	97.4 97.4	98.5 98.5	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	99.3 99.3	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0	99.6 100.0

TOTAL NUMBER OF OBSERVATIONS 268

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71, 73-75
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 20000	81.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 18000	81.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 16000	83.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 14000	84.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 12000	86.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 10000	87.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 9000	88.5	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	90.0	90.0
IV 8000	89.2	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 7000	92.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 6000	93.3	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 5000	94.8	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 4500	95.2	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 4000	95.2	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 3500	97.0	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
IV 3000	97.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	97.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2000	97.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	97.0	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	97.4	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.8	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.8	99.3	99.3	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 269

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71, 73-75
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.2	71.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
- 20000	82.4	82.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 18000	82.4	82.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 16000	82.4	82.4	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 14000	84.0	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 12000	85.6	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 10000	87.2	87.2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 9000	90.4	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 8000	92.0	92.0	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 7000	94.4	94.4	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
IV 6000	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	96.8
IV 5000	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 4500	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 4000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 125

MEDICAL GROUP BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 18000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
16000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 14000	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
12000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 10000	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
9000	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 8000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 101

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73, 75

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	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	90.9
10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-71,73-75

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																	
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 20000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 18000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 16000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 14000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 12000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 10000	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	87.7	87.7
IV 9000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 7000	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 6000	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 5000	96.4	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	97.3
IV 4500	97.0	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	97.9
IV 4000	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 3500	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3000	98.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2500	98.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 332

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-71,73-75
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 20000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 18000	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
IV 16000	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
IV 14000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 12000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 10000	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
IV 9000	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 8000	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
IV 7000	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	93.4	93.4
IV 6000	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	94.7
IV 5000	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 4500	96.0	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 4000	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 3500	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3000	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2500	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	99.3	99.3
IV 2000	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	99.3	99.3
IV 1800	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	99.3	99.3
IV 1500	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 301

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.5	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 20000	74.1	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 18000	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 16000	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 14000	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 12000	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 10000	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 9000	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	83.3	83.6	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 7000	85.2	85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 6000	88.5	88.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 5000	92.8	93.1	93.1	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
IV 4500	93.4	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 4000	95.4	95.7	95.7	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 3500	97.0	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 3000	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.0	99.3	99.3	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 305

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER LI VICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

70-71,73-75

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 20000	76.4	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 18000	77.8	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 16000	77.8	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 14000	78.5	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 12000	79.2	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 10000	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 9000	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 8000	86.8	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 7000	88.9	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 6000	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 5000	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 4500	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 4000	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 3500	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 3000	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 144

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-71,73-75
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	67.9	72.6	73.8	73.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 20000	73.8	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 18000	73.8	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 16000	73.8	78.6	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 14000	77.4	82.1	83.3	83.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 12000	77.4	82.1	83.3	83.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 10000	81.0	85.7	86.9	86.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 9000	81.0	85.7	86.9	86.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 8000	84.5	89.3	90.5	90.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 7000	85.7	90.5	91.7	91.7	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 6000	91.7	96.4	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 5000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	92.9	97.6	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 84

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69,71,73,75
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 20000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 14000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 11000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9100	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	91.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 12

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 73-75
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	79.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 20000	89.0	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
IV 18000	89.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 16000	89.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 14000	90.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 12000	91.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 10000	92.2	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
IV 9000	94.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 8000	95.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 7000	95.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 6000	96.4	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
IV 5000	96.4	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
IV 4500	96.4	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
IV 4000	97.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3500	97.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3000	97.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 308

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 STATION GILA BEND AAF ARIZONA STATION NAME

69-70,73-75 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	81.0	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 18000	90.7	92.2	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
IV 16000	90.7	92.2	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
IV 14000	90.7	92.2	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
IV 12000	90.7	92.2	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
IV 10000	90.7	92.2	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
IV 9000	92.9	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 8000	93.7	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 7000	94.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 6000	95.5	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 5000	95.9	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 4500	96.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 4000	97.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3500	97.4	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 3000	97.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
V 2500	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 2000	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 1500	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 1000	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 900	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 800	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 700	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 600	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 500	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 400	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 300	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 200	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 100	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 0	98.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 268

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF AZONA

69-70, 73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	85.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 20000	89.3	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	90.7
IV 18000	89.3	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	90.7
IV 16000	89.3	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	90.7
IV 14000	90.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 12000	90.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 10000	91.1	92.2	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
IV 9000	91.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 8000	92.9	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 7000	94.0	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 6000	95.0	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 5000	96.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 4500	96.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 4000	97.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 3500	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 281

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

70, 73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS, S.

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
NO CEILING	82.9	83.8	83.8	85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 20000	85.5	86.3	86.3	88.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 16000	85.5	86.3	86.3	88.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 12000	86.3	87.2	87.2	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	86.3	87.2	87.2	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	86.3	87.2	87.2	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	86.3	87.2	87.2	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	88.9	89.7	89.7	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	91.5	92.3	92.3	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	92.3	93.2	93.2	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	94.0	95.7	95.7	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 450	94.0	95.7	95.7	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 350	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 250	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 180	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 160	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 140	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 120	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 80	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 60	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	95.7	97.4	97.4	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	95.7	97.4	97.4	99.1	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 117

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

APR

PERCENTAGE FREQUENCY OF OCCURENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURLY (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	83.6	84.5	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 20000	88.2	89.1	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 18000	90.0	90.9	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
IV 16000	90.0	90.9	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
IV 14000	91.8	92.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 12000	93.6	94.5	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 10000	96.4	97.3	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
IV 9000	96.4	97.3	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
IV 8000	96.4	97.3	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
IV 7000	96.4	97.3	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
IV 6000	96.4	97.3	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
IV 5000	96.4	97.3	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
IV 4500	96.4	97.3	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
IV 4000	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.3	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 110

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 STATION GILA BEND AAF ARIZONA ST NAME

70,73-75 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 20000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV - 18000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV - 16000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV - 14000	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	96.3
IV - 12000	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	96.3
IV - 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 1300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 750	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV - 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 27

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

73

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 1

STEFLO MOORE BUSINESS FORMS INC 72

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,73-75
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	91.6
IV 20000	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
IV 18000	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
IV 16000	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
IV 14000	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
IV 12000	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
IV 10000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 9000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 8000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 7000	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
IV 6000	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
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 311

MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,73-75
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 20000	96.4	96.4	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 18000	96.4	96.4	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 16000	96.7	96.7	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
IV 14000	96.7	96.7	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
IV 12000	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	97.5
IV 10000	98.2	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	98.6	98.6
IV 9000	98.2	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	98.6	98.6
IV 8000	98.2	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	98.6	98.6
IV 7000	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 6000	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 5000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 276

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.6	90.6	90.6	90.6	90.6
IV 20000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8
IV 18000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8
IV 16000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8
IV 14000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2
IV 12000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IV 10000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IV 9000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IV 8000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0
IV 7000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.4
IV 6000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9
IV 5000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9
IV 4500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9
IV 4000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6
IV 3500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
IV 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 265

21
 MODEL BUSINESS FORMS, INC.
 STERILIZED

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.6	92.6	92.6	92.6	92.6
IV 20000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 18000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 16000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 14000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 12000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 10000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 9000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 8000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 7000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 6000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 5000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 4500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 4000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 3500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 3000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 2500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 2000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 1800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 700	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 400	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 300	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
IV 0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 149

VERIFLO® MOORE BUNN FORMS, INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70,73-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LTST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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
10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 83

REF ID: A66717

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

70, 73-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
UNLIMITED	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 22

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 20000	97.4	97.4	97.7	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 18000	97.4	97.4	97.7	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 16000	98.1	98.1	98.4	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 14000	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 12000	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 10000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.0	99.0	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

14-00000 WOODRUM PRINTING FORMS, INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
CAT. NO.

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
MO. RS. ST.

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	94.9	94.9	94.9	94.9	94.9	94.9	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 20000	96.7	96.7	96.7	96.7	96.7	96.7	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 18000	97.1	97.1	97.1	97.1	97.1	97.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 16000	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 14000	98.2	98.2	98.2	98.2	98.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 12000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.9	98.9	98.9	98.9	98.9	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 273

11
 WET-100
 MICRO-ROLINE FORMS INC.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5	≥ 1/2	≥ 5/16	≥ .1	≥ 0
NO CEILING	93.8	94.2	94.2	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
≥ 20000	95.3	95.6	95.6	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 8000	95.3	95.6	95.6	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 16000	96.4	96.7	96.7	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
IV 14000	96.7	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 12000	97.8	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 10000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.9	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.9	99.3	99.3	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 274

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURLY S.F.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	94.5	96.6	97.3	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 20000	94.5	96.6	97.3	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 18000	94.5	96.6	97.3	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 16000	95.2	97.3	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 14000	95.2	97.3	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 12000	95.2	97.3	97.9	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 10000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.9	97.9	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 146

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148

GILA BEND AAF ARIZONA

69-70, 73-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.16	≥ 0.1	≥ 0	
NO CEILING	91.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 20000	93.3	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
IV 18000	93.3	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
IV 16000	94.3	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 14000	94.3	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 12000	94.3	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 10000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 9000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 8000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 7000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 6000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 105

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

79, 73-75

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

VISIBILITY STAT. TERM. FC

CEILING (FEET)	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	96.4
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 28

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

73

JUL

PERCENTAGE FREQUENCY OF OCCURENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70, 73-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
10000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
8000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
6000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
4000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
2000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
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
500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
200	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
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 295

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 20000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 16000	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
IV 14000	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 12000	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	96.3
IV 10000	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	98.8	98.8
IV 9000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 446

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 73-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 20000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 18000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 16000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 14000	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	92.5
IV 12000	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
IV 10000	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
IV 9000	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
IV 8000	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
IV 7000	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
IV 5000	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
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 750	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
VI 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 281

WEATHER SOURCE NO. 100-1 FORMS NC 22

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148

GILA BEND AAF ARIZONA

70,73-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	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
≥ 20000	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
18000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
16000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
14000	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
12000	90.5	90.5	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
10000	93.7	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
9000	94.4	94.4	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
8000	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
7000	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
6000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1600	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1400	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 126

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,73-75
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
V 20000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV N 8000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV N 6000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV N 14000	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
IV N 12000	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 N 10000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV N 9000	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	94.7
IV V 8000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 7000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 6000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 5000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 4500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 4000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 3500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 3000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 2500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 2000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 1500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 1200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 1000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 900	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 700	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 600	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV V 400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV L 300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV L 200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 1 1/2	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 75

22
 14-58000-101-101 FORMS 5

2

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

03143 GILA BEND AAF ARIZONA

72-74

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0	≥0
NO CEILING	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 20000	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
IV 18000	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
IV 16000	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
IV 14000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 12000	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 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

26

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

57-70,72-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS T.S.T.

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 20000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 18000	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
IV 16000	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 14000	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 12000	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
IV 10000	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
IV 9000	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
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

367

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

59-70,72-75

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1906-1100
 HOURS EST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 20000	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	88.2
≥ 18000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 16000	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
≥ 14000	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
IV 12000	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
≥ 10000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 9000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

217

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70,72-75

16

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 20000	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
IV 18000	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 16000	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 14000	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
IV 12000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 10000	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
IV 9000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 8000	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 7000	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 6000	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

305

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

69-70,72-75

ANIG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - 5

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 20000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 18000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 14000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 12000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 10000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 9000	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
≥ 8000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 158

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75
YEARS

JUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.16	≥.1	≥.05	≥.0	
NO CEILING ≥ 20000	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	68.9
IV 18000 IV 16000	83.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 14000 IV 12000	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 10000 IV 9000	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 8000 IV 7000	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 6000 IV 5000	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500 IV 4000	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500 IV 3000	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500 IV 2000	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800 IV 1500	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200 IV 1000	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900 IV 800	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700 IV 600	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500 IV 400	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300 IV 200	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 IV 0	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

90

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

72-75

400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING ≥ 20000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 18000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 16000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

27

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.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	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 338

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥½	≥5/16	¼	≥0	
NO CEILING	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
≥ 20000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 7000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 6000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 5000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 307

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	>10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 20000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 18000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 16000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 14000	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
IV 12000	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
IV 10000	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
IV 9000	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
IV 8000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 7000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 6000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 5000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 4500	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
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

302

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥20000	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
IV 18000	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
IV 16000	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
IV 14000	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
IV 12000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.1	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.1	99.0	99.0	99.0	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

105

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-73
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS-151

CEILING 'FEET'	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥20000	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	86.3
IV 18000	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	86.3
IV 16000	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	86.3
IV 14000	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	86.3
IV 12000	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
IV 10000	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
IV 9000	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
IV 8000	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
IV 7000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 73

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

08-70,72-74
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 20000	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 16000	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 14000	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 12000	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 10000	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 7000	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	98.9	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
≥ 4500	98.9	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
≥ 4000	98.9	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
≥ 3500	98.9	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
≥ 3000	98.9	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
≥ 2500	98.9	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
≥ 2000	98.9	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
≥ 1800	98.9	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
≥ 1500	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 366

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-70, 72-74

LCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 20000	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 16000	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 12000	94.2	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
≥ 10000	95.0	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
≥ 9000	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	96.9
≥ 8000	97.2	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
≥ 7000	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

326

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥½	≥¼	≥⅓	≥16	≥1	≥0
NO CEILING	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 20000	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
IV 18000	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
IV 16000	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
IV 14000	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
IV 12000	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
IV 10000	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 9000	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
IV 8000	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
IV 7000	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
IV 6000	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
IV 5000	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
IV 4500	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
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

330

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-70, 72-74

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - U.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	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 20000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 18000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 16000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

124

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-70,72-74

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 18000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 16000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 12000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

94

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68,73-74
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

3

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS UST

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																
IV 18000 IV 16000																
IV 14000 IV 12000																
IV 10000 IV 9000																
IV 8000 IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000 IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500 IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500 IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500 IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800 IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200 IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900 IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700 IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500 IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300 IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≤1	≥¼	≥⅓	≥½	≥5/16	≥¼	≥0
NO CEILING	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 20000	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	87.1	87.1	87.1
IV 18000	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 16000	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 14000	88.6	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
IV 12000	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 10000	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 9000	92.5	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 8000	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 7000	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 6000	95.6	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 5000	96.9	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
IV 4500	96.9	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
IV 4000	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3500	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3000	97.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2500	97.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2000	97.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	97.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
IV 400	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
IV 300	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
IV 200	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
IV 100	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
IV 0	97.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

387

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	76.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	84.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 18000	85.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 16000	86.2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 14000	88.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 12000	88.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 10000	89.1	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 9000	89.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 8000	90.6	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
IV 7000	92.4	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
IV 6000	93.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 5000	94.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 4500	95.3	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 4000	95.6	97.9	97.9	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
IV 3500	95.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 3000	95.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2500	95.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	95.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1800	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	96.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	96.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	96.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	96.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	96.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	96.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 341

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74

VF-RE

4RV
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

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	79.4 89.3	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9	80.0 89.9
IV 18000 IV 16000	70.1 90.4	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0	90.7 91.0
IV 14000 IV 12000	90.4 91.3	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9	91.0 91.9
IV 10000 IV 9000	92.5 92.8	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4	93.1 93.4
IV 8000 IV 7000	94.3 94.9	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5	94.9 95.5
IV 6000 IV 5000	95.8 96.4	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3
IV 4500 IV 4000	97.9 98.2	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1
IV 3500 IV 3000	98.2 98.2	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	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 99.1
IV 2500 IV 2000	98.2 98.8	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7	99.1 99.7
IV 1800 IV 1500	98.8 98.8	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	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 1200 IV 1000	98.8 98.8	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	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 900 IV 800	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 700 IV 600	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 IV 400	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 IV 200	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0	98.8 98.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 335

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 167

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-74

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	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
≥ 20000	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
IV 18000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 16000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 14000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 12000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 10000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 9000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 101

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

74
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS TEST

CEILING /FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	½	≥ 5/16	¼	≥0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

JEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	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	84.8	84.8
≥ 20000	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 18000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000	83.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 12000	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 10000	91.1	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
≥ 9000	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 7000	95.6	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
≥ 6000	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	96.5
≥ 5000	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

316

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-74

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥16	≥4	≥0
NO CEILING	77.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	85.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 18000	87.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 16000	87.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 14000	88.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 12000	88.9	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
IV 10000	90.2	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
IV 9000	90.9	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
IV 8000	92.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 7000	92.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 6000	96.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 5000	96.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 4500	96.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 4000	96.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 3500	97.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3000	97.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2500	97.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1500	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
IV 200	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
IV 100	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
IV 0	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 287

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	½	≥5/16	¼	≥0
NO CEILING	74.1	76.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 20000	85.3	87.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 18000	86.7	88.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 16000	86.7	88.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 14000	87.8	89.9	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
≥ 12000	88.1	90.2	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
≥ 10000	90.6	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	90.6	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 8000	90.9	93.0	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
≥ 7000	91.3	93.4	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
≥ 6000	92.3	94.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	93.7	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	94.4	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	94.8	96.9	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
≥ 3500	96.2	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	99.3
≥ 3000	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	96.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

286

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-74

JEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FEET	VISIBILITY (STATES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.4	≥0
NO CEILING	80.8	80.8	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
≥ 20000	91.2	91.2	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
≥ 18000	92.8	92.8	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
≥ 16000	93.6	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 14000	94.4	94.4	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
IV 12000	94.4	94.4	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
IV 10000	95.2	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 9000	95.2	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 8000	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	96.8
IV 7000	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 6000	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 5000	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 4500	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 4000	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3500	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

125

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148 GILA BEND AAF ARIZONA

68-71, 73-74

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (ST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	≥¼	≥0
NO CEILING	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 20000	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
IV 18000	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
IV 16000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 14000	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	95.5
IV 12000	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	95.5
IV 10000	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	95.5
IV 9000	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	95.5
IV 8000	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
IV 7000	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
IV 6000	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
IV 5000	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
IV 4500	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
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

88

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

76
YEARS

JEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥0	≥0	≥0
NO CEILING	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 25000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

10

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

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

2

DATA PROCESSING BRANCH
 ETAC. SAF
 AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

68-71

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	10.0	6.3	4.4	4.7	4.5	4.0	2.1	9.7	8.2	3.9	42.3	6.7	419
FEB		35.6	2.8	3.9	3.6	5.9	1.8	1.6	9.1	7.1	3.6	25.1	4.7	460
MAR		35.8	5.9	14.5	6.0	5.8	1.1	4.3	6.8	5.2	1.2	13.5	3.4	487
APR		52.4	2.6	12.6	5.7	4.8	2.0	1.4	4.4	3.2	.7	10.4	2.5	453
MAY		50.9	14.8	7.4	4.0	5.5	1.7	2.2	5.5	2.4	1.7	3.9	2.0	382
JUN		51.6	3.3	17.2	4.4	5.5	3.0	9.8	2.1	1.4		1.5	1.9	416
JUL		7.7	6.4	10.1	13.5	13.0	7.5	7.8	8.6	7.1	3.5	14.9	5.0	408
AUG		8.0	7.5	6.5	8.9	12.4	5.5	1.1	6.4	13.0	6.4	24.2	5.8	384
SEP		68.0	4.2	7.8	4.5	3.5	1.4	.1	1.4	.9	3.2	5.1	1.5	634
OCT		67.5	5.5	4.8	2.9	2.3	2.9	3.2	1.9	2.3	1.9	4.8	1.6	684
NOV		44.4	5.9	7.2	7.4	3.0	2.3	2.3	2.4	2.3	9.2	13.6	3.3	706
DEC		29.8	3.2	3.2	8.4	4.9	4.2	5.7	5.2	6.9	7.4	21.1	4.8	705
TOTALS		38.5	5.7	8.3	6.2	5.9	3.1	3.5	5.3	5.0	3.6	15.0	3.6	6138

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-71

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02													
	03-05													
	06-08	35.7	3.2	7.1	6.3	2.4	2.4	1.6	9.5	9.5	3.2	19.0	4.3	126
	09-11	27.2	3.2	2.4	4.8	6.4	1.6	2.4	7.2	5.6	8.0	31.2	5.5	125
	12-14	26.8	3.3	2.4	2.4	1.6	1.6	.8	5.7	10.6	3.3	41.5	6.0	123
	15-17	38.9	2.8	2.8	5.6		2.8	2.8	2.8	8.3	2.8	30.6	4.7	36
	18-20	34.8	4.3	8.7	2.2		2.2	2.2	4.3	8.7	4.3	28.3	4.7	46
	21-23	50.0				25.0			25.0				2.8	4
TOTALS		35.6	2.8	3.9	3.6	5.9	1.8	1.6	9.1	7.1	3.6	25.1	4.7	460

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-71

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02													
	03-05													
	06-08	40.0	4.3	6.6	7.1	7.1	1.4	1.4	7.9	4.3	3.6	14.3	3.5	140
	09-11	43.5	3.6	5.1	7.2	7.2	2.2	3.6	9.4	2.9	2.2	13.0	3.4	138
	12-14	40.3	5.8	8.6	2.9	5.0	2.9	4.3	10.8	5.0	1.4	12.9	3.5	139
	15-17	13.8	12.5	12.5	9.4	6.3			6.3	9.4		25.0	4.6	32
	18-20	21.9	9.4	18.8	9.4	9.4			6.3	9.4		15.6	3.9	32
	21-23	50.0		33.3				16.7					1.7	6
TOTALS		35.8	5.9	14.5	6.0	5.8	1.1	4.3	6.8	5.2	1.2	13.5	3.4	487

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-70

APR

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			
APR	00-02														
	03-05														
	06-08	51.9	6.2	5.4	3.1	4.7	2.3		7.8	4.7	.8	13.2	2.9	129	
	09-11	56.8	6.8	2.3	6.8	6.1	.8		3.0	2.3	.8	14.4	2.5	132	
	12-14	56.6	2.3	6.2	5.4	5.4	3.1	1.6	3.9	3.1		12.4	2.5	129	
	15-17	35.3		11.8	11.8	5.9	5.9		11.8			17.6	3.7	17	
	18-20	63.6			6.8	6.8		6.8		9.1	2.3	4.5	2.3	44	
	21-23	50.0		50.0									1.0	2	
	TOTALS	52.4	2.6	12.6	5.7	4.8	2.0	1.4	4.4	3.2	.7	10.4	2.5	453	

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

65 -70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10			
MAY	00-02														
	03-05														
	06-08	59.2	8.3	5.8	6.7	2.5	.8	1.7	5.8	5.0	1.7	2.5	1.9	120	
	09-11	61.3	6.3	9.9	.9	2.7	1.8	1.8	3.6	4.5	2.7	4.5	1.9	111	
	12-14	53.3	.9	5.6	2.8	8.4	2.8	4.7	4.7	4.7	5.6	6.5	2.8	107	
	15-17	45.0	5.0	5.0		15.0	5.0	5.0	10.0			10.0	3.0	20	
	18-20	36.4	18.2	18.2	13.6	4.5			9.1				1.8	22	
	21-23	50.0	50.0										.5	2	
	TOTALS	50.9	14.8	7.4	4.0	5.5	1.7	2.2	5.5	2.4	1.7	3.9	2.0	382	

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-70

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02													
	03-05													
	06-08	64.8	1.6	8.8	7.2	5.6	4.0	1.6	3.2	.8		2.4	1.5	125
	09-11	60.0	9.1	9.1	6.4	2.7	2.7	1.8	3.6	1.8		2.7	1.5	110
	12-14	64.7	6.9	10.3	4.3	2.6	3.4	.9	3.4	1.7		1.7	1.3	116
	15-17	64.7		11.8		17.6	5.9						1.2	17
	18-20	56.5	2.2	13.0	8.7	4.3	2.2	4.3	2.2	4.3		2.2	1.8	46
	21-23			50.0				50.0					4.0	2
	TOTALS	51.8	3.3	17.2	4.4	5.5	3.0	9.8	2.1	1.4		1.5	1.9	416

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-70

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
JUL	00-02														
	03-05														
	06-08	7.4	3.3	7.4	11.6	8.3	5.0	6.6	8.3	5.8	5.0	31.4	6.1	121	
	09-11	12.8	11.9	12.8	9.2	11.9	3.7	6.4	7.3	4.6	2.8	16.5	4.5	109	
	12-14	8.4	6.7	10.1	11.8	14.3	9.2	5.9	10.1	10.1	4.2	9.2	4.8	119	
	15-17	4.8	4.8	9.5	19.0	9.5	14.3	9.5	9.5	9.5		9.5	4.9	21	
	18-20	5.3	5.3	10.5	15.8	21.1	5.3	10.5	7.9	5.3	5.3	7.9	4.7	38	
	21-23														
TOTALS		7.7	6.4	10.1	13.5	13.0	7.5	7.8	8.6	7.1	3.5	14.9	5.0	408	

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

69-70

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10			
AUG	00-02														
	03-05														
	06-08	12.1	10.5	8.9	12.9	8.1	.8	.8	6.5	8.9	4.8	25.8	5.3	124	
	09-11	18.4	12.2	11.2	6.1	6.1	1.0	1.0	1.0	8.2	11.2	23.5	5.0	98	
	12-14	9.5	10.5	6.7	9.5	21.0	4.8	3.8	3.8	1.9	8.6	20.0	5.0	105	
	15-17		4.5		4.5	18.2	18.2		9.1	9.1	4.5	31.8	6.8	22	
	18-20			5.7	11.4	8.6	2.9		11.4	37.1	2.9	20.0	7.0	35	
	21-23														
TOTALS		8.0	7.5	6.5	8.9	12.4	5.5	1.1	6.4	13.0	6.4	24.2	5.8	384	

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

68-70

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10			
SEP	00-02														
	03-05														
	06-08	56.0	9.8	9.8	9.2	4.9	.5	.5	2.2	1.6		5.4	1.7	184	
	09-11	69.2	6.0	7.7	4.9	2.2	2.7		.5		2.2	4.4	1.3	182	
	12-14	66.8	7.6	8.2	1.1	6.0	1.1		.5	2.2	1.6	4.9	1.4	184	
	15-17	58.3		12.5	8.3	4.2	4.2				8.3	4.2	2.0	24	
	18-20	57.6	1.7	8.5	3.4	3.4			5.1	1.7	6.8	11.9	2.7	59	
	21-23	100.0											.0	1	
	TOTALS	68.0	4.2	7.8	4.5	3.5	1.4	.1	1.4	.9	3.2	5.1	1.5	634	

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

68-70

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02													
	03-05													
	06-08	60.8	3.5	7.0	3.5	3.0	1.5	3.0	2.0	4.0	3.5	8.0	2.2	199
	09-11	58.5	5.0	3.0	5.0	7.0	1.5	4.0	1.5	3.5	6.5	4.5	2.3	200
	12-14	54.2	7.8	8.3	6.8	1.6	4.2	3.6	2.1	4.2	1.6	5.7	2.1	192
	15-17	51.0	11.8	7.8	2.0	2.0	7.8	3.9	5.9	2.0		5.9	2.2	51
	18-20	80.5	4.9	2.4			2.4	4.9				4.9	1.0	41
	21-23	100.0											.0	1
	TOTALS	67.5	5.5	4.8	2.9	2.3	2.9	3.2	1.9	2.3	1.9	4.8	1.6	684

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

03148 GILA BEND AAF ARIZONA

68-71

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02													
	03-05													
	06-08	37.9	3.3	3.8	10.9	2.8	4.3	6.2	2.8	3.6	9.5	14.7	4.0	211
	09-11	34.8	4.5	4.0	6.6	3.0	1.5	4.5	7.6	3.5	8.1	21.7	4.5	198
	12-14	30.9	2.6	4.2	9.4	4.2	4.7	5.8	4.2	5.8	7.9	20.4	4.6	191
	15-17	27.7	3.1	1.5	7.7	4.6	3.1	4.6	6.2	6.2	9.2	26.2	5.3	65
	18-20	17.5	2.5	2.5	7.5	10.0	7.5	7.5	5.0	15.0	2.5	22.5	5.6	40
	21-23													
TOTALS		29.8	3.2	3.2	8.4	4.9	4.2	5.7	5.2	6.9	7.7	21.1	4.8	705

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.

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~~ ^{count} 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.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

03148 GILA BEND AAF ARIZONA
 STATION STATION NAME

48-60, 71-75
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105							.2						.0
100							.4						.0
95							.6						.1
90						.4	2.5	.4	.2				.3
85						3.6	23.7	10.5	3.6				3.6
80					.4	17.3	61.5	45.6	17.1				12.1
75					2.9	39.9	87.1	82.5	43.7	1.1			21.8
70				.6	15.9	65.7	98.5	96.5	70.8	11.4			30.4
65			.6	6.2	38.2	88.1	100.0	99.6	89.5	31.6	.2		38.2
60	.2	.5	3.3	26.1	69.4	97.2		100.0	97.9	60.4	2.7	.2	46.9
55	1.5	3.7	14.6	58.0	88.5	99.8			100.0	77.4	11.0	.9	55.0
50	4.8	15.5	39.5	79.9	96.6	100.0				89.7	34.1	5.8	64.2
45	16.7	35.6	69.5	93.1	100.0					96.9	60.8	19.5	74.6
40	43.5	63.2	89.5	99.1						99.6	81.6	48.0	85.5
35	70.8	85.6	97.7	100.0						100.0	93.9	77.2	93.8
33	82.1	91.3	98.6								97.3	85.0	96.2
30	91.7	95.7	99.4								99.3	92.7	98.2
25	97.5	99.5	100.0								100.0	99.3	99.7
20	99.8	100.0										100.0	100.0
15	100.0												100.0
MEAN	38.3	42.1	47.7	55.1	62.6	72.6	80.6	78.6	73.1	60.4	46.2	39.3	58.1
S D	6.820	7.184	6.566	6.423	6.644	6.785	5.269	4.757	6.508	7.673	7.073	6.460	16.286
TOTAL OBS	480	438	485	467	477	469	481	485	439	455	446	452	5574

DATA PROCESSING BRANCH
 USAF/ETAC/DL A
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA

48-60, 71-75

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
48											84	78	
49	66	82	87	105	109	114	116	115	113	100	93	83	116
50	80	85	94	102	104	117	115	117	118	107	89	86	118
51	84	88	89	97	115	112	115	112	108	104*	82	76	115
52	75	79	85	98	106	114	115	113	115	104	89	80	115
53	82	82	96	101	102	116	116	114	110	104	91	77	116
54	83	89	92	103	102	114	117	113	110	104	88	79	117
55	78	82	90	95	106	116	114	107	115	104	89	85	116
56	81	80	97	95	109	115	115	114	111	101	87	78	115
57	75	89	91	97	104	115	118	112	110	105	80	78	118
58	77	83	84	104	114	115	121	114	112	98	90	85	121
59	80	80	89	102	101	115	114	111	112	102	86	83	115
60	77	81	94	99	111	118	116	114	110	101			
71	* 86*	86*	98*	97*	102*	112*	113*	109*	111*	97*	88*	71	* 113
72	* 75*	90*	96*	96*	102*	115*	119*	121*	109*	95*	83*	77	* 121
73	* 75*	78*	77*	101*	111*	117*	116*	115*	112*	102*	89*	77	* 117
74	* 73*	86*	90*	96*	106*	118*	111*	110*	112*	102*	84*	73	* 118
75	* 77*	85*	85*	90*	102*	111*	114*	114					
MEAN	77.9	83.8	90.2	98.7	106.2	114.9	115.6	113.2	111.8	101.9	87.0	79.1	116.7
S D	4.781	3.762	3.517	3.917	4.507	2.015	2.320	3.153	2.543	3.160	3.540	4.303	2.219
TOTAL OBS	480	438	485	467	477	469	481	485	439	455	446	452	5574

NOTES * (BASED ON < FULL MONTHS)
 # (AT LEAST ONE DAY < 24 OBS)

2

DATA PROCESSING BRANCH
 USAF/ETAC/OL A
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03148 GILA BEND AAF ARIZONA 48-60, 71-75
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48											29	27	
49	18	25	36	40	49	56	72	65	68	37	41	26	18
50	20	30	33	43	48	54	72	71	56	55	36	35	20
51	27	32	29	42	46	56	70	68	66	46*	36	27	27
52	25	30	34	49	51	61	69	70	57	53	33	31	25
53	33	26	36	39	45	58	73	68	59	44	30	27	26
54	25	35	32	47	49	58	71	70	66	42	40	20	20
55	29	24	29	39	48	55	65	63	59	45	32	33	24
56	33	25	32	42	56	67	67	67	67	40	28	25	25
57	35	33	42	45	52	63	74	64	61	50	32	30	30
58	30	31	33	41	57	64	73	74	58	51	33	29	29
59	29	32	37	49	50	63	77	74	60	47	37	32	29
60	26	30	40	43	52	68	73	71	60	48			
71	* 20*	32*	29*	43*	53*	59*	74*	73*	61*	42*	35*	24	* 20
72	* 26*	28*	40*	42*	57*	65*	76*	72*	61*	41*	36*	27	* 26
73	* 28*	38*	39*	41*	51*	66*	71*	69*	58*	47*	36*	33	* 28
74	* 21*	32*	36*	42*	50*	65*	72*	67*	68*	46*	40*	29	* 21
75	* 25*	32*	38*	39*	46*	63*	75*	71					
MEAN	26.5	30.3	35.0	42.8	50.6	61.2	72.0	69.2	61.6	45.9	34.7	28.4	24.5
S D	4.862	3.738	4.077	3.212	3.658	4.466	3.062	3.308	4.066	4.870	3.911	3.864	3.871
TOTAL OBS.	480	438	485	467	477	469	481	485	439	455	446	452	5574

NOTES * (BASED ON < FULL MONTHS)
 # (AT LEAST ONE DAY < 24 OBS)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 68-75 ALL
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
118/117																		.0	3	3															
116/115																		.1	14	14															
114/113																		.3	42	42															
112/111																		.0	89	89															
110/109															.0			.0	.7	117	117														
108/107														.0	.0	.0		.1	1.0	163	164														
106/105											.0	.0	.0	.0	.1	.3	.3	1.0	240	241															
104/103											.0	.0	.0	.0	.1	.2	.4	.3	1.2	315	319														
102/101						.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	.3	1.1	331	333															
100/99						.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.3	1.3	386	388															
98/97						.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.2	.1	1.2	382	384															
96/95					.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.2	.3	1.4	445	449															
94/93						.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.3	.3	1.2	435	442															
92/91						.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.4	.4	.8	459	465	2														
90/89				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.4	.4	.7	461	468	1	1													
88/87				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.4	.4	.5	474	477	4	1													
86/85			.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.2	.3	.4	.4	.3	.3	460	465	7	2													
84/83			.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.4	.4	.4	.3	.1	447	450	24	4													
82/81			.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	.5	.4	.3	.1	491	499	36	5													
80/79			.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.6	.5	.3	.1	.0	449	463	101	9												
78/77			.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	.4	.2	.0	.0	402	417	245	18													
76/75		.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.6	.6	.3	.1	.0	461	480	475	30													
74/73		.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.1	.0			463	481	574	79													
72/71		.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.0			470	484	541	114													
70/69		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	.1	.0			562	578	494	197													
68/67		.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0					431	447	516	277													
66/65		.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0					519	541	586	346													
64/63	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0					539	561	645	408													
62/61	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0					471	501	669	386													
60/59	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0					461	481	821	402													
58/57	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0					423	448	790	346													
56/55	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0					400	428	939	292													
54/53	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0					359	372	1011	345													
52/51	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0					370	397	980	411													
Element (X)	Σ x ²	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 92 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-75 YEARS ALL MONTH PAGE 2 ALL HOURS (L. S. T.)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
50/ 49	.0	.2	.3	.4	.4	.4	.3	.1	.0	.0								325	345	911	497	
48/ 47	.0	.3	.4	.5	.4	.4	.3	.1	.0	.0								321	336	790	595	
46/ 45	.0	.3	.4	.4	.4	.3	.1	.0	.0									289	306	701	628	
44/ 43	.0	.2	.3	.4	.3	.1	.0											219	229	583	723	
42/ 41	.0	.3	.3	.3	.3	.1	.0											198	202	485	717	
40/ 39	.0	.2	.4	.3	.2	.1												174	174	435	909	
38/ 37	.0	.2	.3	.3	.1	.0	.0											134	138	316	877	
36/ 35	.0	.1	.1	.2	.1	.0												85	88	242	916	
34/ 33	.0	.1	.2	.1	.1	.0												67	67	189	795	
32/ 31		.1	.1	.1	.0													44	44	142	680	
30/ 29	.0	.1	.1	.0	.0													29	29	81	759	
28/ 27	.0	.0	.0	.0	.0													20	20	59	718	
26/ 25	.0	.0	.0															11	11	36	504	
24/ 23		.0																2	3	16	401	
22/ 21		.0																2	2	5	312	
20/ 19																				2	299	
18/ 17																					123	
16/ 15																					89	
14/ 13																					62	
12/ 11																					68	
10/ 9																					60	
8/ 7																					15	
6/ 5																					6	
4/ 3																					4	
2/ 1																					9	
0/ -1																					5	
-2/ -3																					3	
-4/ -5																					1	
-10/ -11																					5	
-12/ -13																					1	
TOTAL	.4	3.4	4.9	5.5	5.8	6.2	6.8	6.6	7.1	6.6	6.4	6.5	6.0	4.9	5.1	4.3	13.5	14454	14882	14454	14454	
																		14454			14454	
Element (X)	Σx'	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Σx	Mean No. of Hours with Temperature				Total
Rel. Hum.	25475901	528795	36.6	20.595	14454	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F					8760						
Dry Bulb	86234174	1095734	73.6	19.325	14082					64.1	5494.9	4629.5	3695.5	1858.5	8760							
Wet Bulb	46809859	804339	55.6	11.909	14454					202.3	1941.6	958.2	68.5	8760								
Dew Point	27719021	598651	41.4	14.224	14454					9.1	2434.7	474.2	94.2	8.6	8760							

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-75 JAN

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
82/ 81													.1	.1																		2	2		
80/ 79													.2	.2																		4	4		
78/ 77					.1								.1	.1	.1																	4	4		
76/ 75					.1								.1	.2	.1																	14	14		
74/ 73					.1	.1				.1		.2	.2	.2	.2	.3	.2															19	19		
72/ 71					.1	.2							.7	.5	.2	.5	.3	.1	.2													33	33	1	
70/ 69					.2	.2				.1	.7	.8	.6	.4	.7	.1	.1															44	44	1	
68/ 67				.2	.2	.2				.2	.5	.5	.7	1.0	.4	.2	.1															47	47	1	
66/ 65		.1	.4	.3		.1	.7	1.7	1.0	.9	.7	.9	.7		.1																	74	74	3	
64/ 63		.2	.2	.4	.2	.3	1.2	.4	1.2	2.1	.1	.2	.1																			82	82	10	
62/ 61			.2	.1	.2	1.1	1.2	.8	.8	.7		.2																				64	64	11	
60/ 59		.3	.2	.6	.5	1.2	.4	.7	.6	.2	.3	.1																				62	62	10	
58/ 57	.1	.2	.2	.2	1.0	1.1	.8	1.2	.8	.3	.1																					73	74	27	
56/ 55	.1	.5	.3	.7	.7	.9	.9	1.2	.8	.1																						68	71	44	
54/ 53		.5	.4	.6	1.0	.4	1.8	.7	.2	.1																						68	69	69	
52/ 51	.2	.3	1.0	.8	1.4	.7	1.3	.2																								73	73	97	
50/ 49		.5	.2	1.1	.9	.7	.7		.2																							51	52	99	
48/ 47		.7	.9	1.3	.8	1.2	.3	.1																								65	65	109	
46/ 45	.1	.9	1.9	1.0	.7	1.3	.3																									75	75	117	
44/ 43	.1	.4	.9	.7	1.2	.3	.2																									45	45	110	
42/ 41		.6	.9	.6	.8	.2																										37	37	104	
40/ 39		1.0	.8	1.2	1.2	.3																										54	54	88	
38/ 37		.3	1.2	1.8	.6	.2	.1																									51	51	64	
36/ 35		.3	.6	.8	.5																											27	27	54	
34/ 33		.6	.8	.4	.4																											27	27	49	
32/ 31		.3	.7	.3	.2																											19	19	52	
30/ 29		.5	.5																													12	12	34	
28/ 27		.2	.2	.4																												10	10	25	
26/ 25	.2	.4																														8	8	19	
24/ 23		.1																														1	1	14	
22/ 21		.2																														2	2	1	
20/ 19																																		2	
18/ 17																																			15
16/ 15																																			17
Element (X)	Z _X ²	Z _X	\bar{X}	s _X	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-75 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					12
12/ 11																					11
10/ 9																					15
8/ 7																					3
6/ 5																					1
4/ 3																					3
2/ 1																					4
0/ -1																					3
-2/ -3																					3
-4/ -5																					1
-10/-11																					5
-12/-13																					1
TOTAL	.8	9.2	12.7	14.1	12.6	10.0	10.3	8.2	7.3	6.7	3.1	3.1	1.3	.4	.2			1215		1215	1215

Element (X)	Σ X'	Σ X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3506372	60004	49.42	21.149	1215							
Dry Bulb	3647723	65143	53.41	11.873	1221		31.7	101.8	26.2	2.4		744
Wet Bulb	2414467	53143	43.7	8.504	1215		90.0	1.8				744
Dew Point	1422821	39169	32.21	11.484	1215	8.0	379.0	1.2				744

USAFETAC FORM 0-26-5 (OLA) REVISED EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-75

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
90/ 89																	.1	1	1	
86/ 85																	.3	3	3	
84/ 83																	.4	5	5	
82/ 81													.3		.2	.7	.1	14	14	
80/ 79												.4	.3	.8	.3	.1	22	22		
78/ 77											.3	.3	.5	.2	.2	.3	22	22		
76/ 75							.1	.1	.3	.3	.3	.7	.8	.9	.2	.3	36	36		
74/ 73				.1		.3	.3	.3	.6	.3	.5	.7	1.1	.2	.2		54	54		
72/ 71			.2		.1	.4	.5	.1	.8	.5	.8	1.2	.6	.4			66	66		
70/ 69			.1	.1	.3	.2	.5	.8	.5	.8	1.2	1.4	.2	.1			72	72		
68/ 67				.1	.4	.1	.5	.3	.9	.7	1.8	.4	.2				64	64	3	
66/ 65			.1	.1	.3	.8	.4	1.1	.6	.9	1.3	.3	.3				74	74	3	
64/ 63		.1	.5	.1	.8	.5	.9	.8	.8	1.8	.4	.3	.3				89	89	11	
62/ 61		.1	.1	.3	.6	.8	.5	.3	1.1	.7	.5	.1					59	59	12	
60/ 59		.1	.2	.3	.6	.6	.8	.8	1.1	.7	.1						63	63	34	
58/ 57		.1	.2	.2	.4	.7	.6	.9	.6	.4	.1						53	53	29	
56/ 55	.2	.4	.7	.2	.6	.7	.6	1.2	.2	.3							59	59	74	
54/ 53	.2	.2	.2	.4	.5	.8	.8	.8	.4	.1							57	57	100	
52/ 51	.2	.6	.6	.5	.6	.3	.7	.5	.3								52	52	121	
50/ 49	.3	.7	.7	.5	.8	.9	.8	.7	.1	.1							64	65	119	
48/ 47		.6	.5	.9	.8	1.3	.5	.3	.1								59	59	115	
46/ 45	.1	.6	.7	.7	.7	.7	.6		.1								48	48	112	
44/ 43		.4	.6	.9	.8	.8	.3										47	47	96	
42/ 41	.1	.3	.3	.2	1.6	.6	.1										37	37	77	
40/ 39	.1	.3	.6	.5	.7	.3											29	29	73	
38/ 37		.2	.3	.3	.2	.2											12	12	62	
36/ 35			.3	.4	.6	.1											16	16	47	
34/ 33			.2	.2	.3	.1											9	9	48	
32/ 31		.1		.2													3	3	22	
30/ 29					.1												1	1	13	
28/ 27					.1												1	1	12	
26/ 25																			6	
24/ 23																		1		
22/ 21																			2	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-75 YEARS FEB MONTH
PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
20/ 19																						57	
18/ 17																							29
16/ 15																							24
14/ 13																							17
12/ 11																							26
10/ 9																							30
8/ 7																							10
6/ 5																							3
2/ 1																							5
0/ -1																							2
TOTAL	.8	5.3	6.7	7.1	11.5	10.7	9.9	9.1	8.3	8.1	7.6	5.2	4.4	1.8	1.5	1.3	.8		1193			1191	
																		1191				1191	

Element (X)	Σ X ²	Σ 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.	2579822	48636	41.0	22.026	1191							
Dry Bulb	4322357	70417	59.0	11.860	1193		3.4	202.2	88.4	19.2		672
Wet Bulb	2629245	55155	46.3	7.891	1191		31.0	1.7				672
Dew Point	1375642	37786	31.7	12.190	1191	1.1	370.1					672

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

09-75

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97																		.2	2	2															
96/ 95																		.3	4	4															
94/ 93																		.1	.4	6	6														
92/ 91																		.2	.3	6	6														
90/ 89																		.1	1.2	16	16														
88/ 87														.1		.2	.3	.4	.7	21	21														
86/ 85													.2	.1	.1	.3	.5	.7	.7	23	23														
84/ 83													.2	.4	1.1	.5	.1	.1	.1	36	36														
82/ 81													.1	.3	.6	.9	1.3	.1	.2	43	43														
80/ 79													.2	.5	.8	1.4	.6	.3	.3	43	43														
78/ 77													.2	.4	.6	.8	.4	.2	.2	37	37														
76/ 75								.1	.2	.1			.1	.3	1.4	.6	.2	.1	.1	59	59														
74/ 73							.2	.2	.6	.9	.9		.4	1.0	.9	.1				60	60														
72/ 71							.2	.1	.2	.3	1.1	.7	.9	.3	.1	.1				54	56														
70/ 69					.1	.1	.2	.4	1.1	1.1	1.3	1.0	.7							80	81														
68/ 67						.2	.6	.8	1.0	.8	.5	.6	.1							47	49														
66/ 65					.2	.3	.8	1.0	1.0	.8	.5	.2								59	64														
64/ 63			.1	.2	.3	1.0	.9	.9	.7	.5	.6	.1								67	75														
62/ 61				.2	.8	.8	1.6	1.3	.6	.5										72	80														
60/ 59				.4	1.2	1.0	.9	.6	.8	.7	.1									72	78														
58/ 57		.2	.4	.6	1.1	1.3	1.1	.6	.3	.2										80	83														
56/ 55		.4	.4	.9	.8	.6	1.0	.4	.3	.4										63	67														
54/ 53			1.1	.7	.4	1.3	.6	.3	.4	.1										63	65														
52/ 51		.4	1.2	.8	.9	.9	.3	.1	.1											58	69														
50/ 49		.3	1.0	.7	.8	.4	.4	.3												50	52														
48/ 47		1.1	1.0	.7	.6	.2	.1													46	48														
46/ 45		.6	.5	.3	.7	.3	.2	.1												36	43														
44/ 43		.8	.2	.7	.3	.2	.2													32	36														
42/ 41		.3	.2	.2	.2	.1														13	14														
40/ 39		.3	.2	.2	.3	.2														16	16														
38/ 37		.1	.1		.2															4	4														
36/ 35				.1																1	1														
34/ 33																					10														
32/ 31																					9														
Element (X)	Σx'	Σx		Σ	Σ ₂	No. Obs.		Mean No. of Hours with Temperature						Total																					
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AA^C ARIZONA
STATION STATION NAME

69-75
YEARS

MAR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BU'B TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
30/ 29																				3	94
28/ 27																					86
26/ 25																					51
24/ 23																					56
22/ 21																					41
20/ 19																					35
18/ 17																					23
16/ 15																					13
14/ 13																					6
12/ 11																					10
10/ 9																					6
8/ 7																					1
TOTAL		4.2	6.5	6.8	8.7	9.5	9.0	7.6	8.9	7.0	5.8	6.1	5.4	4.2	4.3	2.1	4.0		1337	1269	
																		1269		1269	

Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	2489450	49470	39.0	21.024	1269							
Dry Bulb	5660772	85330	63.8	12.681	1337			301.6	198.1	95.2	6.7	744
Wet Bulb	3152084	62704	49.4	6.510	1269		7.0					744
Dew Point	1645737	44139	34.8	9.334	1269		290.2					744

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

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.2	2	2		
100/ 99																	.1	1	1		
98/ 97																	.6	7	7		
96/ 95																	.9	11	11		
94/ 93																.1	1.4	19	19		
92/ 91																.1	1.6	25	25		
90/ 89														.1	.2	.3	1.7	32	32		
88/ 87														.2	.8	1.0	1.9	49	49		
86/ 85														.1	.2	.2	.8	51	51		
84/ 83														.1	.1	.2	.5	56	57		
82/ 81														.3	.6	.7	1.2	74	75		
80/ 79														.2	.7	.6	.8	47	47		
78/ 77														.1	.1	.3	1.1	69	70		
76/ 75														.3	.2	.3	1.0	74	75		
74/ 73														.4	.1	.6	1.3	69	71		
72/ 71														.2	.2	.6	1.3	66	66		
70/ 69														.4	.3	.4	1.3	79	81		
68/ 67														.1	.1	.6	1.0	49	49	3	
66/ 65														.2	.2	.2	.4	72	74	6	
64/ 63														.1	.1	.3	.6	67	67	14	
62/ 61														.1	.4	.5	.9	53	54	37	
60/ 59														.4	.4	.5	1.8	61	63	74	
58/ 57														.2	.3	.6	1.0	41	41	105	
56/ 55														.2	.3	.4	1.1	48	48	140	1
54/ 53														.1	.2	.6	.8	29	29	172	9
52/ 51														.1	.2	.4	.6	26	27	203	12
50/ 49														.2	.5	.5	.4	19	21	139	23
48/ 47														.3	.6	.2	.2	20	21	115	34
46/ 45														.1	.2	.3	.2	14	15	73	30
44/ 43														.2	.2	.2	.1	6	6	63	50
42/ 41														.1	.2	.1	.1	6	6	37	48
40/ 39														.1	.1	.1	.1	2	2	38	73
38/ 37																				17	100
36/ 35																				3	132
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

APR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
34/ 33																					3	139	
32/ 31																					2	124	
30/ 29																						119	
28/ 27																						114	
26/ 25																						66	
24/ 23																						49	
22/ 21																						41	
20/ 19																						42	
18/ 17																						20	
16/ 15																						8	
14/ 13																						7	
12/ 11																						3	
TOTAL		.6	1.0	2.7	4.0	5.4	8.6	7.2	9.6	7.5	8.1	8.7	7.3	5.9	6.2	6.2	11.0	1244		1262		1244	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	1277109	35099	28.215	250	1244	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720											
Dry Bulb	6562315	89637	71.012	455	1262			449.6	337.7	200.3	22.8	720											
Wet Bulb	3330774	63952	51.4	589	1244		1.2	1.7				720											
Dew Point	1439713	41139	33.1	798	1244		343.2					720											

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
112/111																	.4	5	5					
110/109																	.1	1	1					
107/107																	.5	7	7					
105/105																	.5	7	7					
104/103																	1.1	14	14					
102/101																	1.7	22	22					
100/ 99																.2	3.7	51	51					
98/ 97																.1	4.5	60	60					
96/ 95															.1	.3	.8	6.0	93	93				
94/ 93															.1	.1	.3	.9	5.3	87	87			
92/ 91																.1	1.2	1.5	4.3	95	95			
90/ 89																.1	1.0	2.0	2.8	94	94			
88/ 87																.5	1.3	1.2	.9	1.9	76	76		
86/ 85																.1	1.2	1.2	1.1	.5	65	65		
84/ 83																.1	.4	.9	1.0	.8	63	63		
82/ 81																.1	.1	.2	.2	.9	82	82		
80/ 79																.1	.1	.2	.2	.9	61	61		
78/ 77																.1	.1	.2	.2	.9	50	50		
76/ 75																.1	.1	.2	.2	.9	41	41		
74/ 73																.1	.1	.2	.2	.9	45	45	3	
72/ 71																.1	.1	.2	.2	.9	50	50	11	
70/ 69																.1	.1	.2	.2	.9	49	49	15	
68/ 67																.1	.1	.2	.2	.9	26	26	26	
66/ 65																.1	.1	.2	.2	.9	41	41	62	1
64/ 63																.1	.1	.2	.2	.9	26	26	116	7
62/ 61																.1	.1	.2	.2	.9	25	25	155	6
60/ 59																.1	.1	.2	.2	.9	10	10	200	2
58/ 57																.1	.1	.2	.2	.9	15	15	168	3
56/ 55																.1	.1	.2	.2	.9	15	15	141	3
54/ 53																.1	.1	.2	.2	.9	5	5	129	9
52/ 51																.1	.1	.2	.2	.9	5	5	87	11
50/ 49																.1	.1	.2	.2	.9	4	4	75	42
48/ 47																.1	.1	.2	.2	.9	1	1	45	77
46/ 45																.1	.1	.2	.2	.9	1	1	25	85
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF ETAC JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-70, 72-75 YEARS MAY MONTH
PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
44/ 43																				15	94
42/ 41																				12	114
40/ 39																				4	148
38/ 37																				1	116
36/ 35																				2	122
34/ 33																					89
32/ 31																					71
30/ 29																					77
28/ 27																					54
26/ 25																					57
24/ 23																					37
22/ 21																					29
20/ 19																					24
18/ 17																					4
16/ 15																					5
14/ 13																					3
12/ 11																					2
TOTAL	.1	.1	.5	.4	.7	1.0	2.5	3.0	4.8	6.0	6.6	6.6	7.2	7.4	8.7	9.4	34.4		1292		1292
																		1292			1292

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	769452	27678	21.4	11.696	1292	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744
Dry Bulb	9202904	107878	83.3	12.303	1292			658.8	586.8	491.2	199.8	744
Wet Bulb	4277833	73943	57.2	5.957	1292			31.7	1.7			744
Dew Point	1871816	47934	37.1	8.507	1292		209.0					744

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AFB ARIZONA

69-70, 77-75

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
118/117																		.1	1		1															
116/115																		.5	6		6															
114/113																		1.5	19		19															
112/111																		2.7	32		33															
110/109																		2.3	26		29															
108/107																		3.2	40		40															
106/105																		3.9	49		49															
104/103																	.1	4.7	59		61															
102/101																.1	.1	4.7	60		60															
100/ 99															.1	.2	.8	5.5	33		84															
98/ 97														.2	.5	.8	.2	4.9	82		83															
96/ 95													.1	.2	.6	1.0	4.2	76		77																
94/ 93											.2	.2	.5	.6	.5	1.0	3.0	73		74																
92/ 91										.6	.2	.7	1.0	1.0	1.7	1.4	82		84																	
90/ 89									.3	.3	.5	.6	.6	1.6	1.4	1.0	79		79																	
88/ 87								.2	.2	.7	.6	.6	1.0	1.1	.7	.3	68		68																	
86/ 85								.1	.2	.8	.6	.7	.8	1.0	.6	.2	63		65																	
84/ 83							.1	.2	.5	.8	.6	.8	.6	.6	.6	.2	58		58																	
82/ 81						.1	.3	.2	.6	.6	.3	.6	.7	.4	.2	.1	52		53																	
80/ 79						.1	.2	.4	.4	.4	.4	.6	.8	.5	.2		46		46																	
78/ 77					.1	.1	.2	.2	.4	.4	.5	.7	.6	.1	.1		41		41																	
76/ 75				.1	.1	.2	.1	.2	.3	.5	.4	.5	.3	.2			33		34		1															
74/ 73				.1	.1	.1	.2	.2	.3	.4	.6	.7	.3	.2			34		34		25															
72/ 71				.1	.1	.1	.2	.2	.3	.4	.5	.4	.2				27		28		46															
70/ 69					.2	.2	.2	.3	.4	.5	.3	.4	.2				22		22		105															
68/ 67			.1		.1	.2	.2	.3	.2	.2	.2	.2					14		14		142															
66/ 65						.2		.2	.2	.2	.2						10		10		162															
64/ 63							.3	.2	.2	.2							6		6		168															
62/ 61								.1	.1												178															
60/ 59																					154															
58/ 57																					106															
56/ 55																					60															
54/ 53																					47															
52/ 51																					28															
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature																													
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70,72-75

JUL
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
118/117																	.1	1	1		
116/115																	.3	3	3		
114/113																	1.5	16	16		
112/111																	3.4	36	36		
110/109																	3.9	41	41		
108/107																.5	3.8	45	46		
106/105													.3	.5	1.5	2.2	3.1	80	80		
104/103												.1	.1	1.0	2.1	2.7	2.9	94	95		
102/101												.3	.8	1.8	2.4	1.3	1.5	65	87		
100/ 99											.2	.2	1.7	2.1	1.4	1.0	1.5	86	87		
98/ 97									.1	.9	1.0	1.3	1.1	.9	.1	.6	62	63			
96/ 95								.2	.2	.6	1.9	1.2	.6	.7	.5	.8	71	72			
94/ 93								.6	1.9	1.4	.7	.6	.3	.4	.1	.6	62	63			
92/ 91							.1	.9	1.2	1.1	.7	.9	.4	.5	.1	.3	66	66			
90/ 89							.1	.5	1.5	1.4	.6	.7	.8	.4	.1		63	63			
88/ 87						.2	.3	.9	1.2	1.4	.9	.4	.5	.2	.3		.1	68	68		
86/ 85					.1	.4	.9	.6	.9	.4	.4	.3	.3	.1				44	45		
84/ 83			.1		.3	.5	.6	.8	.7	.9	.1	.3	.6	.2				52	52	1	
82/ 81				.1	.6	.9	.7	.4	.2	.2						.1		33	33	4	
80/ 79			.1	.4	.2	.5	.1	.3	.2	.1	.3	.2			.1			23	23	21	1
78/ 77			.1	.3			.1				.2				.1			8	8	78	
76/ 75		.1	.1				.2	.1		.2	.2		.1					10	10	197	1
74/ 73									.1	.2										257	22
72/ 71			.1				.1	.1	.2									5	5	175	19
70/ 69																				93	51
68/ 67																				85	97
66/ 65																				53	123
64/ 63																				33	155
62/ 61																				22	120
60/ 59																				12	99
58/ 57																				11	71
56/ 55																				7	53
54/ 53																				1	47
52/ 51																				2	39
Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature															
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0314^R STATION GILA BEND AAF ARIZONA STATION NAME 69-70,72-75 YEARS JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49																				2	28
48/ 47																					30
46/ 45																					27
44/ 43																					21
42/ 41																					11
40/ 39																					10
38/ 37																					8
36/ 35																					3
34/ 33																					5
32/ 31																					2
30/ 29																					1
28/ 27																					1
26/ 25																					2
22/ 21																					1
TOTAL		.1	.5	.8	1.1	2.3	2.9	3.6	5.9	6.7	6.4	7.9	9.5	8.8	10.6	9.0	23.9		1054	1054	1054

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$< 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	1285969	33863	32.1	13.713	1054			744.0	740.5	719.5	482.9	744
Dry Bulb	9967814	102470	96.4	9.206	1054			643.1	393.9	9.9		744
Wet Bulb	5434717	75513	71.6	4.838	1054			4.9	134.8	16.9		744
Dew Point	3814283	62787	59.6	8.386	1054							744

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
118/117																	.1	1	1		
116/115																	.4	5	5		
114/113																	.6	7	7		
112/111																.2	.7	12	12		
110/109														.3		.6	2.0	35	35		
108/107													.3			.3	.5	2.8	49	49	
106/105											.1		.1		1.7	1.4	2.8	76	76		
104/103										.1	.1	.2	.7	.7	2.0	1.3	3.6	109	109		
102/101						.1	.2	.1		.1	.1	.6	1.0	1.6	1.6	1.5	1.7	102	102		
100/ 99							.1	.2	.1	.1	.7	1.0	1.6	1.2	1.0	1.0	.8	94	94		
98/ 97							.1	.2	.1	.1	.4	.1	1.2	1.4	1.6	.5	1.2	94	94		
96/ 95					.1		.1	.1	.3	.2	1.2	.9	1.6	.9	.4	.9	.3	81	81		
94/ 93						.1	.1	.1	1.0	.7	1.2	.9	.8	.2	.4	.1	.6	73	73		
92/ 91							.2	.7	.7	.8	1.3	.9	.2	.2	.2	.1	.2	69	69	2	
90/ 89					.1	.2	.2	.9	1.2	1.2	.6	.4	.4	.2	.2	.2	.2	70	70	1	
88/ 87					.1	.3	.3	.7	.7	.7	.7	.2	.1	.1	.1	.1	.1	55	55	1	
86/ 85			.2	.1	.6	.9	1.3	.7	.8	.8	.5	.3	.2	.2	.2	.2	.2	72	72	7	
84/ 83			.1	.5	.7	.7	.9	.8	.2	.3	.4	.1	.1	.1	.2			61	61	21	
82/ 81			.2	.4	.4	.5	.7	.4	.4	.4	.2	.1	.1	.1				43	43	28	
80/ 79			.5	.2	.3	.4	.3	.7	.4	.7		.2	.1					47	47	58	
78/ 77			.2	.2	.2	.3	.2	.3	.2	.1	.2	.1	.1					26	26	121	
76/ 75			.1	.1	.4	.2	.2	.2	.1	.2	.3	.1	.1					22	22	196	
74/ 73					.1	.1		.1		.1	.2	.1	.1					6	6	189	
72/ 71								.1		.1	.1	.1	.1					3	3	186	
70/ 69									.1									1	1	120	
68/ 67								.1										1	1	81	
66/ 65																				73	
64/ 63																				51	
62/ 61																				28	
60/ 59																				17	
58/ 57																				11	
56/ 55																			1	10	
54/ 53																				7	
52/ 51																			1	2	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.I.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
112/111																														.3	3	3			
110/109																														1.0	11	11			
108/107																														1.9	22	22			
106/105																														1.6	28	29			
104/103																														.4	39	40			
102/101																														.4	55	55			
100/ 99																													.3	61	61				
98/ 97																													.6	60	60				
96/ 95																													.5	87	88				
94/ 93																													.8	78	78				
92/ 91																													.4	73	73				
90/ 89																													.4	60	61				
88/ 87																													.4	77	77				
86/ 85																													.4	66	66				
84/ 83																													.4	46	46	2			
82/ 81																													.4	56	56	4			
80/ 79																													.4	52	52	20			
78/ 77																													.4	38	38	46	2		
76/ 75																													.4	43	43	77	7		
74/ 73																													.4	39	39	74	14		
72/ 71																													.4	36	36	84	26		
70/ 69																													.4	30	30	104	36		
68/ 67																													.4	21	21	112	39		
66/ 65																													.4	14	14	120	49		
64/ 63																													.4	13	13	108	67		
62/ 61																													.4	10	10	87	55		
60/ 59																													.4	3	3	88	71		
58/ 57																													.4	2	2	62	62		
56/ 55																													.4	1	1	49	44		
54/ 53																													.4			34	50		
52/ 51																													.4			24	58		
50/ 49																													.4			14	66		
48/ 47																													.4			11	67		
46/ 45																													.4			6	59		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 08-70,72-74 YEARS SEP MONTH
PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
44/ 43																					1	62
42/ 41																					2	51
40/ 39																						59
38/ 37																						50
36/ 35																						41
34/ 33																						34
32/ 31																						20
30/ 29																						17
28/ 27																						10
26/ 25																						2
24/ 23																						1
22/ 21																						1
12/ 11																						1
TOTAL		.4	.7	.9	1.7	3.2	5.9	6.5	7.7	7.7	7.8	9.7	8.4	6.2	8.1	5.5	19.8		1128		1124	
																		1124		1124		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	1418345	35997	32.0	15.376	1124	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	8876336	99222	88.0	11.479	1128			692.6	637.0	548.9	285.3	720
Wet Bulb	487876	73567	65.5	7.533	1124			331.8	139.6	7.7		720
Dew Point	3136898	57892	51.5	11.754	1124		33.3	79.4	14.7			720

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 08-70,72-74 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
102/ 01																	.4	5	5																		
100/ 99																.1	.6	10	10																		
98/ 97												.4	.3			.1	.8	15	15																		
96/ 95											.1	.7	.3				1.4	22	23																		
94/ 93											.3	.3	.2	.3	.5	.5	1.1	37	42																		
92/ 91											.6	.5	.3	.7	.9	.3	.3	43	47																		
90/ 89									.1	.1	.1	.3	1.0	.5	.3	.3	.5	44	50																		
88/ 87									.3	.2	.1	.1	.9	.3	.3	.3	.2	52	55																		
86/ 85								.3	.2	.3	.4	.6	.3	.4	.4	.3	.2	59	61																		
84/ 83							.3	.1	.3	.3	.2	.3	.6	.4	.7	.2	.1	50	52																		
82/ 81					.1	.1	.2	.8	.5	.7	.3	.6	.7	1.2	.5			62	66																		
80/ 79					.3	.3	.3	.3	.6	.5	.3	.4	1.1	.9	.3			68	75																		
78/ 77			.1	.1	.3	.3	.3	.6	.3	.3	.4	.7	.9	.6	.9	.1		65	71																		
76/ 75		.2	.3	.3	.3	.3	.3	.6	.7	.2	.9	.6	.6	.6	.2	.1		63	67	7																	
74/ 73		.1	.3	.6	.3	.4	.3	.3	.4	.3	.7	.9	.3	.1				61	66	26	3																
72/ 71		.2	.3	.2	.3	.4	.3	.3	.4	.3	.7	.9	.4	.1				55	60	35	3																
70/ 69		.3	.4	.4	.4	.4	.9	.4	.4	.9	.4	.4	.1					68	71	49	17																
68/ 67		.1	.1	.3	.3	.3	.6	.3	.3	.3	.3	.3						44	47	58	24																
66/ 65		.2	.5	.2	.3	1.0	.3	.6	.3	.8	.3	.3						53	55	82	26																
64/ 63	.1	.3	.3	.3	.6	.6	.3	.8	.3	.3	.3	.3						54	58	104	25																
62/ 61		.1	.2	.4	.7	.2	.3	.3	.6	.3	.3	.3						40	41	98	37																
60/ 59		.4	.3	1.2	.1	.8	.3	.7	.3	.2								52	56	102	52																
58/ 57		.1	.4	.1	.3	.4	.1	.8	.3	.3								29	32	96	41																
56/ 55		.2	.7	.2	.1	.6	.2	.1	.2									25	27	105	34																
54/ 53		.2	.2	.1	.3	.4	.3	.2	.2									19	22	106	46																
52/ 51		.3	.6		.3	.3	.1	.3										20	22	68	88																
50/ 49		.1	.3	.3	.1	.6	.3	.1	.1									21	23	57	74																
48/ 47		.1	.1	.2	.3	.1	.2	.3										14	14	48	61																
46/ 45		.1		.1	.1	.1												3	3	42	59																
44/ 43				.1	.1	.1												4	4	20	45																
42/ 41				.2														2	2	11	39																
40/ 39																				18	72																
38/ 37																				11	69																
36/ 35																				5	66																
Element (X)	Σ X'	Σ X			Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature							Total																					
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 62-70,72-74 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33																				2	54
32/ 31																				2	42
30/ 29																					50
28/ 27																					32
26/ 25																					29
24/ 23																					29
22/ 21																					12
20/ 19																					15
18/ 17																					6
16/ 15																					1
14/ 13																					4
12/ 11																					1
10/ 9																					3
TOTAL	1	3.2	4.9	5.4	5.4	7.9	7.5	9.0	7.1	6.8	7.9	8.3	7.6	6.7	4.4	2.4	5.4		1242		1159
																		1159			1159

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.	2304864	45558	39.321.070		1159							
Dry Bulb	7077742	92400	74.412.807		1242			528.9	422.3	276.8	56.9	744
Wet Bulb	3943475	66899	57.7 8.414		1159		1.3	112.3	71.2			744
Dew Point	2474072	51398	44.412.834		1159		143.8	30.2	1.9			744

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

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-74 YEARS MONTH ALL

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
90/ 89															.1		.1															2	2			
88/ 87														.2	.1	.1	.1																8	8		
86/ 85				.2									.1	.5	.4	.3																	14	14		
84/ 83												.1	.5	.4	.4	.1																	20	20		
82/ 81				.2								.1	.7	.8	.4	.3	.1																30	32		
80/ 79					.1					.1		.3	.6	1.2	.7																		36	43	2	
78/ 77				.2						.2		.4	.3	1.1	.5	.7	.1																40	48		2
76/ 75				.2			.1			.1		.4	.6	1.0	1.0	.6																	57	69	2	
74/ 73				.2	.3		.1			.3		.4	.6	1.5	1.6	.6																	57	67		1
72/ 71		.2		.2	.1			.3		.4		.7	.9	1.0	1.2	.1																	53	58	3	1
70/ 69		.2		.6			.4	.3	1.4	1.0	1.1	1.3	.3																				77	86	6	1
68/ 67		.2	.2	.2			.4	.3	.5	1.0	1.1	1.0	.3																				61	69	3	7
66/ 65		.1	.4	.2	.2		.4	.9	.4	1.5	.7	.3																					62	75	12	5
64/ 63		.2	.3	.3	.2		.8	.9	.4	1.5	.3	.3																					59	69	16	
62/ 61	.1	.3	.3	.3	.4		.7	1.0	1.5	.6	.1	.2																					60	79	23	14
60/ 59	.1	.3	.3	.3	.4		.9	1.1	1.0	.4	.3																						65	71	59	13
58/ 57	.1	.1	.1	.5	.7		.9	.7	.8	.3	.3																						51	66	76	14
56/ 55		.4	.8	.6	.7		.9	.9	.5	.3																							61	76	120	8
54/ 53	.3	.3	.3	.3	1.5		.9	.3	.3	.1																							53	59	115	18
52/ 51		.3	.3	.6	1.3		.5	1.1	.4																								57	68	102	21
50/ 49		.2	.8	1.5	.6		.7	.4	.3																								52	63	131	33
48/ 47		.1	.9	1.5	.5		.3	.3																									38	48	98	41
46/ 45	.2	.7	.9	.9	.5		.6	.2																									46	52	84	56
44/ 43		.4	.9	.8	.3		.3	.1																									33	38	88	79
42/ 41		.6	.8	.9	.9		.1																										37	39	65	75
40/ 39		.6	.1	.8	.2																												19	19	57	102
38/ 37	.2	.3	.2	.3	.2																												13	17	45	101
36/ 35		.3		.2																													5	5	28	129
34/ 33																																			22	66
32/ 31																																			7	70
30/ 29																																			2	75
28/ 27																																				70
26/ 25																																				56
24/ 23																																				41
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-74 YEARS JULV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb		Wet Bulb	Dew Point	
22/ 21																				18		
20/ 19																				22		
18/ 17																				3		
16/ 15																				6		
14/ 13																				6		
12/ 11																				6		
10/ 9																				1		
TOTAL	9	6.3	7.3	11.6	9.1	8.5	8.8	8.5	6.9	6.9	5.9	5.1	3.1	1.3	.3	.3		1360	1166			
																	1166	1166				
Element (X)		$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.		2926669	52501	45.021978		1166	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720									
Dry Bulb		5391591	84035	61.812102		1360			273.2	160.4	51.9		720									
Wet Bulb		2929087	57739	49.57747		1166		5.6	9.9	2.5			720									
Dew Point		1732055	43325	37.210243		1166		234.0	7.4	1.9			720									

USAFETAC FORM 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-74 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
10/ 9																						5
8/ 7																						1
6/ 5																						2
4/ 3																						1
TOTAL	2.3	11.2	15.8	14.2	11.7	10.5	9.8	7.6	6.0	5.0	3.2	1.7	.7	.3					1281	1281	1281	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature												Total				
Rel. Hum.	4334740	69212	54.02	1.565	1281	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					744						
Dry Bulb	3786695	68827	52.5	1.414	1310		29.0	88.6	18.2						744							
Wet Bulb	2551819	56241	43.9	0.034	1281		66.2	1.7							744							
Dew Point	1604764	43592	34.0	9.736	1281		356.6								744							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-75 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
68/ 67																		1	1			
62/ 61																		1	1			
60/ 59																		1	1			
58/ 57				.3			.6											3	3			
56/ 55			.9	.9														6	6			
54/ 53			1.2	.9			.9											10	10	6	2	
52/ 51	.3	.9	1.7	.9	.6	.6												17	17	10	3	
50/ 49		.9	.6	.6	1.2	.3	.3											13	13	9	7	
48/ 47		2.0	2.0	2.9	.9	1.9	.3											33	33	7	12	
46/ 45	.3	2.6	4.4	1.7	.9	.3	.3											36	36	19	5	
44/ 43	.3	1.2	2.0	1.5	2.0	.6												28	28	25	11	
42/ 41		1.7	2.9	1.7	1.2													26	26	32	14	
40/ 39		2.6	2.3	1.7	2.0	.3												31	31	29	16	
38/ 37		1.2	4.1	4.9	1.5	.6	.3											43	43	33	24	
36/ 35		1.2	1.7	2.0	1.2													21	21	25	23	
34/ 33		1.7	2.3	1.2	1.5													23	23	30	26	
32/ 31		1.2	2.3	1.2	.9													19	19	36	15	
30/ 29		1.7	1.7															12	12	25	22	
28/ 27		.6	.6	1.5														9	9	23	22	
26/ 25	.9	1.5																8	8	18	19	
24/ 23		.3																1	1	14	24	
22/ 21		.6																2	2		29	
20/ 19																				2	25	
18/ 17																					12	
16/ 15																					8	
14/ 13																					4	
12/ 11																					4	
10/ 9																					9	
8/ 7																					2	
2/ 1																					2	
0/ -1																					2	
-2/ -3																					2	
TOTAL	1.7	23.8	31.4	21.8	15.4	4.1	1.2											344	344	344	344	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	1578272	22538	65.9	17.238	344	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	596174	14074	40.9	7.708	344		13.8	.3				93										
Wet Bulb	475901	12529	.4	7.558	344		32.2					93										
Dew Point	337475	101	.4	10.838	344	1.1	54.2					93										

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-75 JAN

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
74/ 73																	.3	1	1		
72/ 71																	.3	1	1		
68/ 67																	.3	1	1		
66/ 65				.3													.3	2	2		
64/ 63			.3		.3												.3	6	6		
62/ 61			.6	.3		.3											.3	11	11	2	
60/ 59			.6	1.6	.6	1.3	.9										.3	18	18	1	
58/ 57			.3	.3	.3	.6	1.3	1.6	1.3	.6							.3	20	20	5	
56/ 55	.3	.6	.3	.9	1.6	2.2	.9										.3	23	23	7	
54/ 53		.6	.6	1.3	1.6	1.3	3.8	.3									.3	32	32	7	
52/ 51	.6	.3	1.9	2.2	3.1	1.6	2.8	.3									.3	41	41	14	
50/ 49		.9	.3	2.8	2.2	.9	1.3		.6								.3	29	29	19	
48/ 47		.6	1.3	1.6	2.2	2.2	.3		.3								.3	27	27	7	
46/ 45		.6	2.5	1.9	1.6	4.7	.9										.3	39	39	33	
44/ 43		.3	.6	.9	2.2	.6	.6										.3	17	17	38	
42/ 41		.3	.3	.3	1.6	.6											.3	10	10	39	
40/ 39		.9	.6	2.5	2.2	.9											.3	23	23	26	
38/ 37			.3	1.6	.6												.3	8	8	26	
36/ 35			.3	.9	.6												.3	6	6	28	
34/ 33		.3	.6	.3													.3	4	4	18	
32/ 31																	.3			16	
30/ 29																	.3			9	
28/ 27		.3															.3	1	1	2	
26/ 25																	.3			1	
24/ 23																	.3				
22/ 21																	.3				
20/ 19																	.3				
18/ 17																	.3				
16/ 15																	.3				
14/ 13																	.3				
12/ 11																	.3				
10/ 9																	.3				
6/ 5																	.3				
4/ 3																	.3				
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-75 JAN
STATION STATION NAME YEARS MONTH
PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 0/ -1																					2 1
TOTAL	.9	7.2	10.9	19.7	20.9	18.4	14.4	2.8	2.8	.9		.9						320	320	320	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1010701	17035	53.2	18.043	320	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	813996	15964	49.9	7.426	320		.3	.9	.3			93									
Wet Bulb	584069	13493	42.2	6.827	320		8.1					93									
Dew Point	367738	10280	32.1	10.841	320	.3	47.7					93									

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

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DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-75

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

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

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

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

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-75 JAN
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
10/ 9																					2		
-2/ -3																					1		
-4/ -5																					1		
-10/-11																					3		
-12/-13																					1		
TOTAL	.3	1.7	3.1	5.5	5.5	8.5	14.0	16.4	14.7	15.7	6.8	5.1	1.7	.7	.3			295		293			
																	293		293				

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	510747	11069	37.8	17.808	293	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1178123	18547	62.9	6.402	295			24.6	5.4	.3		93
Wet Bulb	722628	14444	49.3	6.020	293			.6				93
Dew Point	389119	10043	34.3	12.398	293	1.9	42.8	.3				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-75

YEARS

JAN
 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																
82/ 81														.6				1	1																		
80/ 79												1.2						2	2																		
78/ 77				.6							.6	.6						4	4																		
76/ 75								.6	.6		1.8	.6						6	6																		
74/ 73						.6		.6	1.2	1.2	1.8	.6	1.2					12	12																		
72/ 71					.6				1.2	1.2	.6	2.4	1.8	.6	.6			15	15	1																	
70/ 69				.6				1.8	1.2	1.2	1.2	3.0	.6					16	16		1																
68/ 67			.6	1.2	.6			.6	1.8	1.2	3.7	.6	.6					18	18																		
66/ 65		.6					2.4	2.4	2.4	1.2	1.8							18	18	1																	
64/ 63		.6			.6	.6	1.2	.6	2.4	4.3	1.2							19	19	5																	
62/ 61						3.0	.6	1.8	1.2	.6								12	12	3	2																
60/ 59					.6	1.8		1.2	1.8	1.2	.6							12	12	2	5																
58/ 57					1.2	.6	.6	1.2	1.8	.6								10	11	7	1																
56/ 55				.6			1.2	3.0	.6									9	10	11	1																
54/ 53						.6	3.0											6	6	18																	
52/ 51					1.2		1.2											4	4	25	1																
50/ 49																				19	1																
48/ 47																				23	1																
46/ 45																				19	7																
44/ 43																				14	12																
42/ 41																				11	6																
40/ 39																				5	13																
38/ 37																					14																
36/ 35																					13																
34/ 33																					5																
32/ 31																					8																
30/ 29																					10																
23/ 27																					19																
26/ 25																					19																
24/ 23																					7																
22/ 21																					7																
20/ 19																					4																
16/ 15																					1																
14/ 13																					1																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BFND AAF ARIZONA 69-75 JAN

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb		Dew Point				
12/ 11																								1	
10/ 9																									1
8/ 7																									1
-10/-11																									2
TOTAL		1.2	.6	3.0	5.5	6.7	10.4	13.4	16.5	12.4	9.8	10.4	6.7	1.8	.6							164	164	164	

Element (X)	ΣX^2	ΣX	\bar{X}	s_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.	223337	5487	33.5	15.617	164							
Dry Bulb	715487	10841	65.3	6.738	166			41.5	14.0	1.7		93
Wet Bulb	414356	8188	49.9	5.838	164			.6				93
Dew Point	206223	5495	33.5	11.646	164	1.1	45.9	.6				93

USAFETAC FORM 0-20-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-70,72-75 YEARS JAN MONTH

PAGE 1 1900-2000 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								1.1										1	1																	
70/ 69							1.1	2.2	2.2	1.1								7	7																	
68/ 67								1.1		1.1								3	3																	
66/ 65				2.2				4.5	1.1	1.1								8	8																	
64/ 63				2.2	1.1	1.1	2.2		2.2	4.5								13	13																	
62/ 61					1.1	1.1	6.7	2.2	1.1	2.2								13	13	1																
60/ 59				2.2		2.2	2.2	1.1	2.2		1.1							10	10	2																
58/ 57			1.1	1.1	1.1	3.4	1.1	2.2	1.1									10	10	2	2															
56/ 55				1.1	1.1	1.1	1.1	5.6										9	9	5	2															
54/ 53				1.1	2.2			3.4										6	7	9																
52/ 51						1.1	1.1	1.1										3	3	8	2															
50/ 49						2.2	1.1											3	4	15	2															
48/ 47				1.1				1.1										2	2	11	3															
46/ 45																				9	3															
44/ 43																				9	2															
42/ 41						1.1												1	1	7	7															
40/ 39																				9	12															
38/ 37																					9															
36/ 35																				1	4															
34/ 33																				1	4															
32/ 31																					3															
30/ 29																					3															
28/ 27																					5															
26/ 25																					7															
24/ 23																					8															
22/ 21																					3															
20/ 19																					4															
18/ 17																					1															
16/ 15																					1															
10/ 9																					1															
4/ 3																					1															
TOTAL			1.1	1.2	7.9	12.4	18.0	23.6	11.2	10.1	1.1	3.4							89	89	89															

Element (X)	$\Sigma x'$	Σx	\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.	167779	3605	40.5	15.722	89							
Dry Bulb	328471	5441	59.8	5.913	91			11.2				93
Wet Bulb	206131	4253	47.8	5.736	89							93
Dew Point	114510	3046	34.2	10.799	89			38.7				93

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

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69, 73-74

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
58/ 57				20.0		20.0													2	2		
56/ 55						20.0													1	1		
54/ 53				20.0	20.0														2	2	1	
50/ 49																					1	
48/ 47																					2	
46/ 45																					1	
44/ 43																					1	
42/ 41																					1	
40/ 39																					1	
38/ 37																					1	
28/ 27																					1	
TOTAL				40.0	20.0	20.0	20.0	20.0												5	5	5

Element (X)	Σx'	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.	15540	272	54.4	13.631	5							93
Dry Bulb	15470	278	55.8	1.617	5							93
Wet Bulb	11382	238	47.6	3.647	5							93
Dew Point	7756	194	38.8	7.563	5			18.6				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

09148 STATION GILA BEND AAF ARIZONA STATION NAME

69-75 YEARS

FEB 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. Wet Bulb	Wet Bulb Dew Point																	
70/ 69																																	2	2		
68/ 67																																	1	1		
64/ 63																																	1	1		
62/ 61																																	3	3		
60/ 59																																	7	7		
58/ 57																																	3	3		
56/ 55	.6	.6	.9	.3																													15	15	3	3
54/ 53		.9		.3																													9		2	2
52/ 51	.6	1.9	1.2	.6																													22		4	0
50/ 49	.3	1.2	2.2	1.2	.6	1.5	2.2	1.2	.3	.3																						36	37	16	5	
48/ 47		1.5	1.5	2.5	1.5	2.8	1.2	.6	.3																							39	39	19	11	
46/ 45	.3	1.9	2.3	2.3	2.5	1.5	.9		.3																							40	40	23	7	
44/ 43		1.5	1.9	2.8	3.1	2.8	.9																									42	42	22	10	
42/ 41	.3	.9	1.2	.6	5.6	1.5	.3																									34	34	28	13	
40/ 39	.3	.9	1.9	1.9	2.2	1.2																										27	27	37	13	
38/ 37		.6	.9	.9	.6	.6																										12	12	39	11	
36/ 35			.9	1.5	2.2	.3																										16	16	35	18	
34/ 33			.6	.6	1.2	.3																										9	9	44	20	
32/ 31		.3		.6																												3	3	18	15	
30/ 29						.3																										1	1	13	16	
28/ 27						.3																										1	1	12	24	
26/ 25																																			6	24
24/ 23																																				28
22/ 21																																	2		19	
20/ 19																																			23	
18/ 17																																			6	
16/ 15																																			10	
14/ 13																																			8	
12/ 11																																			10	
10/ 9																																			10	
8/ 7																																			0	
2/ 1																																			2	
0/ -1																																			2	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 50 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAF ETAC FORM 0-2A (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

09-75

YEARS

FEB

MONTH

PAGE 2 0600-0800
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL	2.5	12.4	15.8	16.4	21.1	14.2	8.0	5.6	2.2	.9	.9																		323													325			323

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	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.	1119990	17670	54.72	1.822	323							
Dry Bulb	688209	14791	45.5	6.818	325		1.6	.8				84
Wet Bulb	497488	12498	38.7	6.569	323		13.3					34
Dew Point	302963	9141	28.3	11.725	323	.5	53.8					84

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHLR SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
 STATION STATION NAME

00-75

YEARS

FEB
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 75																								.3	.3										2	2		
74/ 73																								.3	.3										2	2		
72/ 71																							.3	.3										4	4			
70/ 69					.3																		.3	.3	.7	.3	.3							10	10			
68/ 67																							.3	.7	.3	.7	.3	.3						7	7			
66/ 65													1.0	1.6	.3	.3								.3	.3	.3							12	12	1			
64/ 63				1.0								.3	.7	.3	.7	3.9	1.0								.3								25	25		1		
62/ 61												.7	1.0	1.0	2.0	.3	.3							.3	.3							24	24					
60/ 59			.3	.3	.3	1.0	.7	1.3	.7	1.3	1.0	3.3	.3	.3										.3								29	29	5				
58/ 57			.3	.7	.3	.7	2.0	1.3	3.0	1.0	.7																					30	30	2	2			
56/ 55		1.0	1.3	.3	2.0	2.0	1.6	2.0	.3																							34	34	8	4			
54/ 53			.7	.3	.7	1.3	2.6	2.3	2.3	.7	.3																					34	34	22	3			
52/ 51			1.3	.7	1.3	1.0		2.3	1.0	.3																						26	26	21	10			
50/ 49	.7	1.3	.3	.3	2.3	2.0	.7	1.3																								27	27	30	13			
48/ 47		.7	.3	1.0	1.3	2.0	.7	.7																								20	20	35	7			
46/ 45			.3			1.0	1.3																									8	8	45	7			
44/ 43				.3	.7		.3	.3																								5	5	44	13			
42/ 41						.3	.7																									3	3	29	11			
40/ 39				.3		.3																										2	2	25	14			
38/ 37																																			17	18		
36/ 35																																		12	22			
34/ 33																																	4	14				
32/ 31																																	4	14				
30/ 29																																				21		
28/ 27																																				26		
26/ 25																																				26		
24/ 23																																				19		
22/ 21																																				12		
20/ 19																																				15		
18/ 17																																				10		
16/ 15																																				6		
14/ 13																																				4		
12/ 11																																				6		
10/ 9																																				4		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
D. Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

09-75

FLB
 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													
84/ 83																	1.3		4	4															
82/ 81														.7		.7	1.6		9	9															
80/ 79														.7	.7	1.6	.3	.3	11	11															
78/ 77										.3	.3	.3	1.0	1.0	.3			.7	17	12															
76/ 75								.3	.3	.7	.3	1.0	2.3			.3			16	16															
74/ 73						.3	.7	.3	1.6	.3	1.0	1.6	1.3	.3	.3				24	24															
72/ 71		.7				1.3	1.6		1.6	1.0	1.3	3.0	.7	1.0					37	37															
70/ 69			.3	1.0		1.3	.7	2.0	1.0	1.6	3.0	.3							34	34															
68/ 67				.7		1.3	.7	2.0	2.0	4.3	1.0	.3							37	37	2														
66/ 65			.3	.7	1.3	.3	2.0	1.0	2.0	4.3	.3	.3							31	31		2													
64/ 63		.3		1.0	.7	1.6	2.6	1.3	2.0	1.0	.7	.3							33	33	8														
62/ 61		.3	.7	.7	1.0		.3	1.0	1.0	1.3									19	19	8	1													
60/ 59			.3	.7	.3	1.3	1.0	.3	.7										14	14	13	1													
58/ 57			.7	.3	.3	.3	.7	.7	.3										9	9	16	6													
56/ 55					.3	.3	.3	.3	.7										4	4	32	6													
54/ 53		1.3		.3		.3		.7											8	8	43	3													
52/ 51						.3													1	1	50	13													
50/ 49				.3															1	1	40	11													
48/ 47																					37	10													
46/ 45																					26	8													
44/ 43																					14	17													
42/ 41																					11	11													
40/ 39																					2	12													
38/ 37																					4	17													
36/ 35																						17													
34/ 33																						17													
32/ 31																						20													
30/ 29																						27													
28/ 27																						20													
26/ 25																						9													
24/ 23																						12													
22/ 21																						23													
20/ 19																						9													
18/ 17																						7													
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 75 FEB
STATION STATION NAME YEARS MONTH
PAGE 2 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					4
14/ 13																					3
12/ 11																					8
10/ 9																					7
8/ 7																					1
6/ 5																					2
TOTAL		1.6	1.0	2.3	5.3	5.9	8.2	8.2	12.5	12.2	13.5	10.9	7.9	3.0	3.3	3.2	1.0	304	304	304	

Element (X)	Σx^2	Σx	\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.	402105	9625	31.7	17.926	304							
Dry Bulb	1428897	20741	68.2	6.749	304			50.0	21.0	5.2		84
Wet Bulb	806200	15568	51.2	5.436	304			0				84
Dew Point	388567	10197	33.5	12.392	304		42.0					84

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-75 YEARS FEB MONTH
 PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
90/ 89																	.7	1	1				
86/ 85																	2.2	3	3				
84/ 83																.7	1	1					
82/ 81																2.2	.7	5	5				
80/ 79													1.5	.7	2.2	.7	7	7					
78/ 77										1.5	1.5	.7	.7	.7			7	7					
76/ 75							.7		1.5	.7	1.5	2.2	.7	2.9	.7		15	15					
74/ 73				.7		2.2	.7	1.5	1.5	1.5	2.2	.7	5.1	.7	.7		24	24					
72/ 71						.7	.7	.7	2.2	1.5	.7	3.6		.7			15	15					
70/ 69						.7			.7	2.9	2.2	1.5					11	11					
68/ 67							1.5	.7	1.5	.7	1.5						8	8	1				
66/ 65			.7		.7	.7	.7	1.5	2.2	1.5	.7	1.5	.7				15	15	2	1			
64/ 63				.7	1.5	.7	3.6		2.2	.7	1.5	.7					16	16	4				
62/ 61						.7			.7	.7	.7						4	4	2	1			
60/ 59							.7			.7							2	2	10	2			
58/ 57					.7					.7							2	2	6	3			
56/ 55										.7							1	1	20	1			
54/ 53																			19	3			
52/ 51																			26	2			
50/ 49																			21	2			
48/ 47																			11	10			
46/ 45																			3	3			
44/ 43																			6	7			
42/ 41																			3	11			
40/ 39																			2	6			
38/ 37																			1	3			
36/ 35																				9			
34/ 33																				7			
32/ 31																				7			
30/ 29																				14			
28/ 27																				10			
26/ 25																				4			
24/ 23																				8			
22/ 21																				6			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-75

FEB

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. Wet Bulb	Wet Bulb Dew Point																
80/ 79													.9		1.8	.9		4	4																
78/ 77													.9		.9		.9	3	3																
76/ 75												.9		1.8				3	3																
74/ 73							.9			.9		.9		.9				4	4																
72/ 71				.9					.9	3.6		2.7	.9					10	10																
70/ 69				.9	1.8	.9	1.8	3.6	.9	.9	3.6		.9					15	15																
68/ 67			.9	1.8	.9			.9		2.7	1.8	.9						11	11																
66/ 65			.9	3.6				1.8	7.1	.9								16	16																
64/ 63		2.7	.9	1.8	.9	.9	.9	.9	.9	.9	1.8							13	13	1															
62/ 61			1.8	2.7				.9	.9									7	7	2															
60/ 59		.9	.9	.9				1.8	.9									7	7	6															
58/ 57			.9	.9			.9	1.8	3.6									8	8	5	4														
56/ 55		.9	.9				.9	.9	.9									5	5	11	3														
54/ 53		.9	.9			.9	.9	.9										5	5	12	3														
52/ 51			.9															1	1	16															
50/ 49																				11	7														
48/ 47																				16	4														
46/ 45																				13	8														
44/ 43																				7	4														
42/ 41																				4	7														
40/ 39																				7	3														
38/ 37																				1	1														
36/ 35																					5														
34/ 33																					3														
32/ 31																					1														
30/ 29																					3														
28/ 27																					9														
26/ 25																					9														
24/ 23																					13														
22/ 21																					8														
20/ 19																					4														
18/ 17																					4														
16/ 15																					2														
10/ 9																					5														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF, TAC FORM 0 265 (OL A) JUL 64 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

09-75
YEARS

YEARS

FEB
MONTH

PAGE 2 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																
8/ 7																																				2	
TOTAL		5.4	2.7	8.0	8.9	8.0	6.9	8.0	11.0	15.2	8.0	8.0	2.7	2.7	.9	.9																			112	112	112

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																										
Rel. Hum.	171629	3807	34.0	19.504	112																																
Dry Bulb	485947	7341	65.5	6.565	112								37.5	10.5	1.5																						84
Wet Bulb	282223	5585	49.9	5.790	112																																84
Dew Point	139393	3663	32.7	13.288	112													45.0																		84	

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

9-70, 73, 75

YEARS

FLR
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																						
64/ 63																																			1	1							
62/ 61											9.1	9.1																							2	2							
60/ 59				9.1		9.1						18.2																							4	4							
58/ 57				9.1																															1	1							
54/ 53											9.1																								1	1		2					
52/ 51			9.1			9.1																													2	2							
50/ 49																																							1	1			
48/ 47																																							1	1			
46/ 45																																								2	1		
44/ 43																																								3	1		
42/ 41																																								2			
40/ 39																																								1			
28/ 27																																								2			
24/ 23																																								2			
22/ 21																																								2			
20/ 19																																								1			
TOTAL			9.1	18.2		18.2				9.1	9.1	27.3	9.1																											11	11	11	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_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.	23382	450	40.9	22.300	11							
Dry Bulb	37305	639	58.1	4.300	11							84
Wet Bulb	23567	507	46.1	4.460	11							84
Dew Point	12269	347	31.5	11.501	11			53.5				84

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

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

9-75
YEARS

MAR
MONTH

PAGE 1

U600-0800
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point			
68/ 67																																	1	1			
66/ 65														.6	.6	.6																8	8				
64/ 63												.3	1.4	.6	.6	.3	.3															10	10				
62/ 61										.3	.8	.8																				10	10				
60/ 59									.6		1.4	.8	.8	.6																		14	14				
58/ 57			.6	1.1	.6	1.4	2.3	2.5	.8	1.7	.3																					41	41				
56/ 55			.3	.6	2.0	1.1	2.0	1.1	.8	.3																						29	30	3	2		
54/ 53				1.4	1.1	.6	2.8	1.1	1.1	.6																						31	32	4	1		
52/ 51			1.1	2.3	1.7	2.5	3.1	.6																								40	43	10	2		
50/ 49			.8	2.0	1.4	2.0	.6	1.1	.6																							30	31	33	4		
48/ 47			3.4	3.1	2.0	1.7	.6	.3																								39	41	42	8		
46/ 45			2.3	1.7	1.7	2.5	1.1	.6	.3																							36	42	40	13		
44/ 43			2.8	.8	2.5	1.1	.8	.8																								32	36	64	26		
42/ 41			1.1	.8	.6	.8	.3																									13	14	46	21		
40/ 39			1.1	.8	.8	1.1	.6																									16	16	36	35		
38/ 37			.3	.3	.6																											4	4	32	32		
36/ 35					.3																											1	1	15	30		
34/ 33																																		10	24		
32/ 31																																		9	25		
30/ 29																																	3	30			
28/ 27																																				21	
26/ 25																																				14	
24/ 23																																				14	
22/ 21																																				11	
20/ 19																																				16	
18/ 17																																				7	
16/ 15																																				9	
14/ 13																																				4	
12/ 11																																				4	
10/ 9																																				1	
8/ 7																																				1	
TOTAL																																				355	355

Element (X)	$\Sigma X'$	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.	1201850	19304	54.4	20.731	355							93
Dry Bulb	977246	18958	50.7	6.604	374			.2				93
Wet Bulb	665460	15264	43.0	5.084	355		3.1					93
Dew Point	418754	11750	33.1	9.182	355		41.1					73

USAF ETAC FORM 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

60-72
YEARS

YEARS

MAR
MONTH

PAGE 1

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																										
82/ 81														1.5	.9																	7	7														
80/ 79													.6		.6	.3																	5	5													
78/ 77												.3	.3	1.2	.3	.3																	8	8													
76/ 75													.6	.6	2.2	.9	.3																	15	15												
74/ 73												.3	.6	.3	1.2	2.2	1.2	.3																	20	20											
72/ 71													.3	2.4	1.2	1.2	.3																		18	18											
70/ 69									.3			.3	1.2	2.2	2.2	1.9	1.2																		30	30											
69/ 67								.9	.9	1.2	.9	.9	.6	.3																						19	19										
66/ 65						.3	.9	.3	1.2	2.5	.6	.9																									22	22									
64/ 63			.3	.6	.6	.3	.6	.9	1.2	1.2	1.2	.3																									25	25									
62/ 61				.3	.3	.6	2.5	1.9	.9	.6																											23	25	1								
60/ 59				.6	1.5	1.2	.6	.9	1.9	1.2																											26	29	6								
58/ 57		.3	.3	1.2	2.2	1.9	1.2	.6	.9																												28	31	14	1							
56/ 55			.9	1.5	.6	.9	1.5	.3																													19	22	32								
54/ 53			2.8	1.2	.9	1.5	1.2		.3	.3																												27	28	38	6						
52/ 51		.3	1.3	1.2	.6	.3	.6	.3	.6	.3																												16	23	50	5						
50/ 49		.3	.9	.9	.3	.6	.3	.3																														13	14	64	6						
48/ 47		.6			.3																																	3	3	38	18						
46/ 45																																							1	35	21						
44/ 43																																								22	29						
42/ 41																																								14	17						
40/ 39																																								6	27						
38/ 37																																								3	25						
36/ 35																																								1	26						
34/ 33																																										26					
32/ 31																																										18					
30/ 29																																										17					
28/ 27																																											23				
26/ 25																																											16				
24/ 23																																												15			
22/ 21																																												10			
20/ 19																																												7			
18/ 17																																												6			
16/ 15																																													1		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																																			
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																																				
Dry Bulb																																															
Wet Bulb																																															
Dew Point																																															

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-75 YEARS MAR MONTH
PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point						
12/ 11																												
10/ 9																												
TOTAL		1.3	6.8	7.7	7.7	9.9	9.3	8.0	11.4	10.8	8.3	9.9	4.0	3.1		.9				345		324						
																	324			324								

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	619706	12754	39.4	19.088	324	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1391553	21719	62.9	8.485	345			32.9	14.8	1.9		93
Wet Bulb	805183	16079	49.6	4.734	324							93
Dew Point	433595	11477	35.4	9.151	324		33.6					93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 09-75 MAR

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
94/ 93																.3	1.2	5	5																
92/ 91																	.9	3	3																
90/ 89																.3	2.7	10	10																
88/ 87														.3	1.2	1.2	1.2	13	13																
86/ 85												.3	.3	.3	.6	1.5	.6	12	12																
84/ 83										.3	.6	.9	1.5	1.2	1.5	1.2	.3	20	20																
82/ 81										.3	.6	.9	1.5	1.2	1.5	.3	.3	20	20																
80/ 79										.3	.6	1.2	.6	2.7	.9	.3		22	22																
78/ 77										.3	.6	.9	1.5	.6	.9			14	14																
76/ 75									.6	.6	1.5	.9	3.0	.9	.9			28	28																
74/ 73						.6	.6	.6	1.8	1.2		.9	1.5					24	24																
72/ 71						.6	.3	.6	1.5	1.2	.3	1.5	.3	.3				22	22																
70/ 69					.3	.6	.6	.9	1.8	1.5	1.5	1.2	.9					28	29																
68/ 67						.9	.9	.9	1.5	.6	.9	.6	.9					18	19																
66/ 65						.3	.9	.6	.6	.3	.3	.3						10	13	3															
64/ 63						1.2	1.5	.6	.6	.9	.3							15	22	7															
62/ 61				.3	1.8	1.2	2.1	1.5	1.2									27	30	9															
60/ 59				.3	1.5	1.5	.6	.6	.6	.6								17	20	29	1														
58/ 57				.6	.6	.3	.3	.9	.9									9	9	38	3														
56/ 55			.3	.6	.3	.3	.3	.3	.3	.9								9	9	54	2														
54/ 53				.3		.3												2	2	61	2														
52/ 51				.3														1	2	49	4														
50/ 49				.6	.6													4	4	31	11														
48/ 47			.3	.3														2	2	30	10														
46/ 45																				14	33														
44/ 43																				3	24														
42/ 41																				3	29														
40/ 39																				1	28														
38/ 37																				3	17														
36/ 35																					24														
34/ 33																					27														
32/ 31																					19														
30/ 29																					30														
28/ 27																					22														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-75 MAR
STATION STATION NAME YEARS MONTH
PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL																			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																					
26/ 25																																									12	
24/ 23																																										18
22/ 21																																									4	
20/ 19																																									5	
18/ 17																																									7	
10/ 9																																									3	
TOTAL				1.5	2.4	4.8	6.3	8.1	7.2	9.9	8.4	6.3	8.7	9.6	7.2	7.8	5.1	7.2																		354	354		335	335		

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature							Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≤ 80 F	≥ 93 F		
Rel. Hum.	393398	10122	30.216,191		335								
Dry Bulb	1873034	25498	72.010,163		354			63.3	44.9	23.9	1.3	93	
Wet Bulb	961700	17876	53.4 4,837		335							93	
Dew Point	462740	12076	36.0 9,062		335			33.3				93	

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
 STATION

GILA BEND AAF ARIZONA
 STATION NAME

70-75
 YEARS

MAR
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
98/ 97																	1.3	2	2	
96/ 95																	2.6	4	4	
94/ 93																	.7	1	1	
92/ 91																1.3	.7	3	3	
90/ 89																	3.9	6	6	
88/ 87																.7	2.6	7	7	
86/ 85																.7	4.0	9	9	
84/ 83																.7	2.0	1.3	3.3	1.3
82/ 81																.7	1.3	3.3		
80/ 79																.7	1.3	2.6	2.0	2.0
78/ 77																.7	.7	1.3		
76/ 75										.7	2.0	.7	.7	.7	.7	.7	1.3			
74/ 73										.7	2.6	2.0	.7	.7	.7	.7				
72/ 71										.7	1.3	.7	.7	.7	.7	.7				
70/ 69										.7	2.6	.7	1.3		.7	.7				
68/ 67										.7	.7	.7	.7	.7	.7	.7				
66/ 65										.7	3.3	1.3		.7	.7	.7				
64/ 63										1.3	2.6	1.3	.7		.7	.7				
62/ 61										1.3	1.3	.7	.7		.7	.7				
60/ 59										.7	1.3	.7	.7		.7	.7				
58/ 57										.7	.7	.7	.7		.7	.7				
56/ 55										1.3										
54/ 53										.7										
52/ 51																				
50/ 49																				
48/ 47										.7										
46/ 45																				
44/ 43																				
42/ 41																				
40/ 39																				
38/ 37																				
36/ 35																				
34/ 33																				
32/ 31																				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

70-75

MAR

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																					4
28/ 27																					9
26/ 25																					6
24/ 23																					2
22/ 21																					8
20/ 19																					4
18/ 17																					1
14/ 13																					1
12/ 11																					1
TOTAL			.7	2.0	4.6	6.5	5.9	6.5	7.8	5.9	7.8	5.2	7.2	7.8	9.8	5.9	16.3	153	162	153	153

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	164001	4371	28.6	16.044	153	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	932727	12179	79.2	10.312	162			58.9	56.3	33.3	4.0	93
Wet Bulb	459760	8358	51.6	4.577	153							93
Dew Point	222770	5660	37.0	9.389	153		26.1					93

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

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-75 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.d./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
88/ 87																	1.1	1	1				
86/ 85																2.2		2	2				
84/ 83															3.3		3	3					
82/ 81												1.1			5.6		7	7					
80/ 79														3.3			3	3					
78/ 77										1.1			2.2	2.2			5	5					
76/ 75													4.4	2.2		1.1	7	7					
74/ 73													2.2	1.1			3	3					
72/ 71										1.1	1.1	2.2	1.1		1.1		4	6					
70/ 69										1.1	2.2	1.1	2.2	3.3	2.2		11	11					
68/ 67										1.1	1.1	1.1	2.2				5	5					
66/ 65										1.1	3.3	1.1	1.1	1.1			8	8					
64/ 63								4.4	1.1							1.1	6	6					
62/ 61						1.1	1.1	1.1	1.1								4	4					
60/ 59				1.1	1.1	3.3	3.3		1.1								9	9	2				
58/ 57									1.1								1	1	3				
56/ 55									2.2	1.1							3	3	13				
54/ 53									2.2								2	2	15				
52/ 51				1.1													1	1	16				
50/ 49				1.1	1.1												2	2	14				
48/ 47					1.1												1	1	12				
46/ 45																			5				
44/ 43																			3				
42/ 41																			2				
40/ 39																			3				
38/ 37																			2				
36/ 35																							
34/ 33																							
32/ 31																							
30/ 29																							
28/ 27																							
26/ 25																							
24/ 23																							
22/ 21																							
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-75

YEARS

MAR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
20/ 19																							3
18/ 17																							2
16/ 15																							3
14/ 13																							1
12/ 11																							1
10/ 9																							1
TOTAL			2.2	3.3	2.2	8.9	8.9	5.6	10.0	5.6	8.9	8.9	12.2	7.8	12.2	1.1	2.2	90	90	90	90		
Element (X)	Σx^2		Σx		\bar{x}	s_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	99652		2588		28.6	16.838		90		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	434728		6198		68.9	9.417		90				54.8	32.0	15.5		93							
Wet Bulb	231335		4543		50.5	4.758		90								93							
Dew Point	96520		2818		31.3	9.648		90		50.6						93							

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69, 71, 73, 75 MAR

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
74/ 73													8.3							1	1		
72/ 71												8.3	8.3							2	2		
70/ 69										8.3		8.3								2	2		
66/ 65											10.7									2	2		
64/ 63							8.3			8.3										2	2		
62/ 61										8.3										1	1		
56/ 55						8.3														1	1		
54/ 53																						1	
52/ 51																						4	
50/ 49										8.3										1	1	3	
48/ 47																						2	
46/ 45																						1	
42/ 41																						1	
40/ 39																						1	
38/ 37																						1	
36/ 35																						1	
32/ 31																						1	
30/ 29																						5	
28/ 27																						1	
22/ 21																						1	
12/ 11																						1	
TOTAL						8.3	8.3	8.3	25.0	16.7	16.7	8.3	8.3							12	12		
																				12		12	

Element (X)	Σ X ²	Σ X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10649	337	28.1	11.221	12							
Dry Bulb	51484	782	65.2	6.900	12			38.7	7.7			93
Wet Bulb	28646	584	48.7	4.519	12							93
Dew Point	11358	358	29.8	7.849	12			69.7				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

APR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
78/ 77												.3	.6		.3			4	4																	
76/ 75													.3					1	1																	
74/ 73											.3	.6	.9					6	6																	
72/ 71											.3	.6	.9	.9				7	7																	
70/ 69								.3	.6	1.2	.3	.6	.6					13	13																	
68/ 67							.3	.3	1.2	.6	1.2	.6	.6					14	14																	
66/ 65							.6	1.2	.9	2.1	2.1	.6	.3					24	24																	
64/ 63						.6	1.2	.9	2.9	1.8	1.2							29	29																	
62/ 61					1.2	1.2	1.5	2.1	1.2	.6	.3							27	27																	
60/ 59				.6	.9	1.2	3.2	2.6	1.5	.9								37	38																	
58/ 57					.6	1.2	2.6	1.8	1.5	.6								28	28																	
56/ 55				.6	1.2	1.8	3.8	.3	2.9	.3								37	37	6																
54/ 53				.6	.9	1.8	1.8	1.8	.6									25	25	26																
52/ 51			.6	.9	1.5	1.8	1.5	.3	.3									23	24	28																
50/ 49		.3		.9	1.5	1.2	1.5											18	20	35	3															
48/ 47		1.2		1.5	2.1	.6	.6											20	21	59	6															
46/ 45		.3	.6	1.2	1.2	.6	.3											14	15	43	6															
44/ 43			.6	.9	.9													6	6	48	17															
42/ 41			.6		.6	.3	.3											6	6	34	11															
40/ 39			.3		.3													2	2	37	11															
38/ 37																				17	23															
36/ 35																				3	29															
34/ 33																				3	34															
32/ 31																				2	41															
30/ 29																					32															
28/ 27																					30															
26/ 25																					18															
24/ 23																					18															
22/ 21																					15															
20/ 19																					16															
18/ 17																					12															
16/ 15																					4															
14/ 13																					2															
12/ 11																					3															
Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-70,72-75 APR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
90/ 89															.3	.3	.3	3	3																	
88/ 87															1.0	.3		4	4																	
86/ 85												.3	.3	1.7	.3	1.0	11	11																		
84/ 83										.3		.3	.3	2.3	.7	.3	13	13																		
82/ 81										.3		.7	1.7	1.0	1.7	.3	17	17																		
80/ 79										.3	.3	1.0	.7	1.3	.7	.3	14	14																		
78/ 77												2.0	.7	2.0	1.3	.3	20	20																		
76/ 75								1.0		.7	1.3	2.3	3.0	.7	.7		29	30																		
74/ 73								1.0	.3	.3	4.0	2.6	1.7	.7			32	32																		
72/ 71							.7	.3	.7	.7	3.0	1.0	1.0	.3			23	23																		
70/ 69							1.0	1.0	2.3	2.3	2.6	1.0	.7				23	34																		
68/ 67							.7	1.0	1.0	.3	.7	.3					12	12																		
66/ 65							1.3	.3	1.0	1.0	2.3	.7	.7				20	22																		
64/ 63							.7	.7	2.6	.3	.7	.7					17	17	1																	
62/ 61							.3	1.3	1.3	1.0	.3	.3					14	15	11																	
60/ 59				.3	.3	.7	2.6	.7	.3								15	16	11																	
58/ 57				.7	.7	.7	1.0	.3	.3								11	11	26																	
56/ 55		.3	.7	.3	1.0	.3	.3	.3									9	9	39																	
54/ 53						.7	.3										3	3	50	2																
52/ 51	.3					.3											2	2	59	7																
50/ 49						.3											1	1	49	7																
48/ 47																			26	8																
46/ 45																			18	12																
44/ 43																			10	12																
42/ 41																			2	10																
40/ 39																			1	17																
38/ 37																				22																
36/ 35																				51																
34/ 33																				39																
32/ 31																				22																
30/ 29																				20																
28/ 27																				25																
26/ 25																				14																
24/ 23																				12																

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

USAFETAC FORM 04 JUL 64 (1-26-5 (OL A)) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

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APR

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				
100/ 99																	.3	1	1						
98/ 97																	.9	3	3						
96/ 95																	1.9	6	6						
94/ 93																.3	3.7	13	13						
92/ 91												.3	.3	.3	.3	.3	3.7	15	15						
90/ 89												.3	.3	.9	.9	.9	1.9	14	14						
88/ 87												.9	.9	2.2	3.1	4.7	3.5	35	35						
86/ 85											.9	.9	.6	1.2	2.5	3.1	1.2	27	27						
84/ 83												.6	.9	1.2	3.1	1.2	2.3	24	24						
82/ 81											1.2	1.9	1.9	2.5	1.2	2.5	3.6	37	37						
80/ 79										.3	.6	1.6	1.2	.9	1.6	.3	2.1	21	21						
78/ 77										.3	1.2	1.6	1.2	1.9	.3		2.1	22	22						
76/ 75								.9		.6	.6	2.2	1.2				1.8	18	18						
74/ 73							.6		1.2	.3	1.2	.3					1.7	14	14						
72/ 71									1.2	.9	.6	1.9	.3				1.6	16	16						
70/ 69						.3			1.6	1.9	.3	.3					1.4	15	15						
68/ 67							.3	.3	1.2	.3	.6						0	8	8	1					
66/ 65					.3	.6	.3	.9	1.6	.3	.3	.6					1.5	15	15	3					
64/ 63			.3	.6	.3	.9	.3	1.6	.6								1.4	14	14	12					
62/ 61			.3	.3	.3	.3	.3	.3	.3								5	5	5	18					
60/ 59			.6	.3													3	3	3	45					
58/ 57					.3												1	1	1	48					
56/ 55			.3														1	1	1	57					
54/ 53																				53	2				
52/ 51																				55	4				
50/ 49																				16	11				
48/ 47																				8	14				
46/ 45																				4	6				
44/ 43																				2	13				
42/ 41																					18				
40/ 39																					19				
38/ 37																					36				
36/ 35																					34				
34/ 33																					38				
Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature																		
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64 IN WET BULB TEMPERATURE DEPRESSION ON THIS FORM USE DEGREE

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

APR
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31																					32
30/ 29																					32
28/ 27																					27
26/ 25																					12
24/ 23																					7
22/ 21																					4
20/ 19																					7
18/ 17																					3
16/ 15																					1
14/ 13																					2
TOTAL			.3	1.2	.9	1.2	1.6	3.1	8.4	5.6	5.9	10.6	9.3	8.4	9.0	13.0	21.4	322	328	322	322

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.	199847	7061	21.9	11.841	322							
Dry Bulb	2114279	26161	79.8	9.204	328			79.3	68.6	51.3	6.3	90
Wet Bulb	993500	17836	55.4	4.155	322			.3				90
Dew Point	406780	11180	34.7	7.615	322			35.5				90

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

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 70, 72-75 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
102/101																	1.5	2	2	
98/ 97																	3.0	4	4	
96/ 95																	3.8	5	5	
94/ 93																	4.5	6	6	
92/ 91														.8	.8		6.1	10	10	
90/ 89														.8			8.3	12	12	
88/ 87															.8		6.1	9	9	
86/ 85													.8			3.0	3.8	10	10	
84/ 83												1.5		.8	3.0	3.0	.8	12	12	
82/ 81												.8		.8	2.3	3.0	.8	10	10	
80/ 79												.8		.8	.8	.8	.8	5	5	
78/ 77												.8		3.0	.8		.8	7	7	
76/ 75												.8	4.5					7	7	
74/ 73											1.5	.8						4	4	
72/ 71							.8	.8	.8	.8	2.3	2.3						9	9	
70/ 69						.8		.8	.8	.8	1.5							5	5	
68/ 67							.8	.8	.8	.8			1.5					4	4	1
66/ 65							.8	.8	.8	.8								4	4	2
64/ 63							1.5	.8	.8	.8								4	4	
62/ 61								1.5	.8	.8								2	2	6
60/ 59																				15
58/ 57																				17
56/ 55																				22
54/ 53		.8																1	1	22
52/ 51																				32
50/ 49																				7
48/ 47																				3
46/ 45																				4
44/ 43																				1
42/ 41																				5
40/ 39																				4
38/ 37																				6
36/ 35																				13
34/ 33																				8
																				14
Element (X)	Σ x ²	Σ x	Σ	Σ x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

APR

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
90/ 89																2.5	3	3			
88/ 87																.8	1	1			
86/ 85										.8					.8	.8	3	3			
84/ 83									.8	.8				.8	1.7	3.4	8	8			
82/ 81										.8			.8	.8	2.5	3.4	.8	11	11		
80/ 79										.8		1.7	.8	1.7	.8	.8	7	7			
78/ 77										3.4	1.7	3.4	2.5	.8			14	14			
76/ 75								.8	1.7	.8	2.5	1.7	5.1	.8			16	16			
74/ 73									1.7		4.2	2.5	1.7				12	12			
72/ 71								.8	.8	1.7	1.7						6	6			
70/ 69									1.7	2.5	2.5	2.5					11	11			
68/ 67					.8				1.7	2.5	1.7						8	8	1		
66/ 65							.8	1.7	1.7	1.7							7	7	1		
64/ 63								.8									1	1	1		
62/ 61							.8	.8	.8								3	3	2		
60/ 59							1.7	1.7	.8								5	5	2		
58/ 57							.8										1	1	13		
56/ 55																			15	1	
54/ 53																			20	3	
52/ 51							.8										1	1	24		
50/ 49																			24		
48/ 47																			10	1	
46/ 45																			2	4	
44/ 43																			2	3	
42/ 41																				5	
40/ 39																				10	
38/ 37																				5	
36/ 35																				10	
34/ 33																				12	
32/ 31																				13	
30/ 29																				14	
28/ 27																				11	
26/ 25																				11	
24/ 23																				5	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature														
Ref. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

APR

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
22/ 21																					4	
20/ 19																					5	
16/ 15																					1	
TOTAL						.8	2.5	3.4	6.8	6.8	12.7	11.0	12.7	10.2	11.9	6.8	6.8	7.6		118		118
																		118		118		
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	78568		2796		23.7	10.260	118		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	655187		8755		74.2	7.517	118				76.3	57.2	22.1		90							
Wet Bulb	329170		6214		52.7	6.066	118				.8				90							
Dew Point	133039		3853		32.7	7.860	118			48.8					90							

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

70, 72-75
YEARS

APR
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
78/ 77													3.6		3.6	3.6		3	3		
76/ 75													3.6	3.6	3.6			3	3		
74/ 73												7.1		3.6				3	3		
72/ 71												10.7	7.1					5	5		
70/ 69											3.6	7.1						3	3		
68/ 67										3.6	7.1							3	3		
66/ 65						3.6	3.6											2	2		
64/ 63										3.6	3.6							2	2		
62/ 61											7.1							2	2		
60/ 59								3.6										1	1		
58/ 57																					1
56/ 55									3.6									1	1		1
54/ 53																					1
52/ 51																					5
50/ 49																					8
48/ 47																					9
46/ 45																					2
42/ 41																					1
38/ 37																					1
34/ 33																					2
32/ 31																					4
30/ 29																					4
28/ 27																					4
26/ 25																					4
24/ 23																					1
22/ 21																					3
20/ 19																					1
18/ 17																					2
TOTAL						3.6	3.6	3.6	3.6	14.3	14.3	25.0	14.3	7.1	7.1	3.6		28	28		28
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	19695	663	23.7	12.156	28	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	136462	1948	69.6	5.891	28			64.3	28.9			90									
Wet Bulb	68710	1384	49.4	3.333	28							90									
Dew Point	24715	803	28.7	7.902	28		73.9					90									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

MAY

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb
90/ 89																.3	1	1	
88/ 87																.3	2	2	
86/ 85														.3	.8	1.1	8	8	
84/ 83												.5		.3	.3	.5	6	6	
82/ 81							.3			.3	.3	1.6	1.9		.3	.3	18	18	
80/ 79							.3			.3	.8	1.4	1.4	.8		.3	18	18	
78/ 77						.3				.3	2.2	1.9	2.2	.8	.8		31	31	
76/ 75							.3		.5	1.4	1.6	2.2	.8				25	25	
74/ 73					.3	.3	.3	1.1	1.4	1.4	2.2	.8					28	28	
72/ 71							1.1	.8	3.0	2.2	1.9	.8	.3				37	37	
70/ 69					.3	.3	.3	1.1	2.9	2.2	3.0	.8					38	38	1
68/ 67							1.6	.8	1.1	1.6	.5	.3					22	22	1
66/ 65					.3	.3	.5	1.9	2.9	2.7	.8						33	33	2
64/ 63					.3	.3	1.4		1.4	1.6	1.1	.3					23	23	4
62/ 61					.3		1.4	.8	1.9	.8	.8						22	22	9
60/ 59				.3		.8	.3		.3	.3							7	7	18
58/ 57						.8	.5	1.6		.3							14	14	35
56/ 55			.8	.5	.5	.8	.5	.3		.3							15	15	48
54/ 53						.5	.3	.5									5	5	61
52/ 51			1.1					.3									5	5	47
50/ 49		.3			.3	.3	.3										4	4	47
48/ 47	.3					.3											1	1	34
46/ 45						.3											1	1	23
44/ 43																			15
42/ 41																			12
40/ 39																			4
38/ 37																			1
36/ 35																			2
34/ 33																			
32/ 31																			
30/ 29																			
28/ 27																			
26/ 25																			
24/ 23																			
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Ob.	Mean No. of Hours with Temperature													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																			
Wet Bulb																			
Dew Point																			

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE DISCONTINUED

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

66-70, 72-75
YEARS

MAY
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.6	2	2		
102/101																	.3	1	1		
100/ 99																	.3	2	2		
98/ 97																	.3	1	1		
96/ 95																.9	2.2	10	10		
94/ 93														.3	.3	.6	3.4	15	15		
92/ 91															2.5	1.8	3.4	25	25		
90/ 89										.3	.3		.3	1.2	3.1	2.8	3.1	36	36		
88/ 87										.3	.3		1.5	3.7	3.7	.9	2.2	39	39		
86/ 85										.3	.3	.3	1.2	3.7	1.8	2.5	1.2	37	37		
84/ 83								.3		.3	.3	.6	3.1	1.5	1.2	2.2	.9	33	33		
82/ 81								.3		.3	.6	2.5	3.7	2.5	1.8	.6	.6	42	42		
80/ 79								.3		.3	.3	1.2	2.5	1.8	.6	.6		24	24		
78/ 77								.3		.3	.3	.3	.3	.3	.3	.3		8	8		
76/ 75								.6		.3	.3	.3	.3	.3	.3	.3		8	8		
74/ 73								.6		.6	.6	.6	.6	.6	.3			12	12		
72/ 71								.3		.3	.3	.3	.3	.3				7	7	3	
70/ 69							.6	.3		.3	.3	.3	.3	.3				5	5	4	
68/ 67								.3		.3	.3	.3	.3	.3				2	2	2	
66/ 65						.6	.3	.3		.3	.3	.3	.3	.3				6	6	9	
64/ 63						.3	.3	.3		.3	.3	.3	.3	.3				3	3	31	3
62/ 61			.3		.3	.3	.3	.3		.3	.3	.3	.3	.3				3	3	48	2
60/ 59				.3	.3	.3	.3	.3		.3	.3	.3	.3	.3				3	3	68	
58/ 57			.3		.3	.3	.3	.3		.3	.3	.3	.3	.3				1	1	58	
56/ 55																				39	1
54/ 53																				26	3
52/ 51																				17	5
50/ 49																				10	11
48/ 47																				8	18
46/ 45																				2	24
44/ 43																					25
42/ 41																					45
40/ 39																					40
38/ 37																					27
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-70, 72-75 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
112/111																	.6	2	2	
108/107																	1.3	4	4	
106/105																	1.3	4	4	
104/103																	1.0	3	3	
102/101																	4.5	14	14	
100/ 99																	7.7	24	24	
98/ 97															.3		9.9	32	32	
96/ 95											.3			1.0	1.6	10.2	41	41		
94/ 93											.3			1.0	2.2	12.1	49	49		
92/ 91									.3	.6				1.6	3.2	7.3	42	42		
90/ 89												.3		2.2	2.6	4.5	30	30		
86/ 87												.3		.6	1.0	2.2	16	16		
86/ 85												.3		.3	1.0	.6	11	11		
84/ 83													1.0	.3	.3	.3	7	7		
82/ 81									.3				.3			.6	6	6		
80/ 79								.3	.3			.3			.3	.3	5	5		
78/ 77									.3	.3			.3			.3	6	6		
76/ 75									1.0	.3			.3		.3	.3	6	6		
74/ 73								.3									1	1	3	
72/ 71									.3	.3			.3				3	3	5	
70/ 69									.3	.3			.3				3	3	5	
68/ 67									.3								2	2	5	
66/ 65									.6								2	2	32	1
64/ 63																			50	2
62/ 61																			60	2
60/ 59																			49	
58/ 57																			41	
56/ 55																			24	
54/ 53																			14	3
52/ 51																			7	4
50/ 49																			7	17
48/ 47																			1	20
46/ 45																				20
44/ 43																				31
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-70, 72-75 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
112/111																	1.8	3	3	
110/109																	.6	1	1	
108/107																	1.8	3	3	
106/105																	1.8	3	3	
104/103																	4.8	8	8	
102/101																	3.6	6	6	
100/ 99															.6	.6	11.9	22	22	
98/ 97																	13.1	22	22	
96/ 95															.6	1.2	19.0	35	35	
94/ 93																.6	8.3	15	15	
92/ 91										.6					.6	.6	5.4	12	12	
90/ 89													1.8		.6	3.0	4.8	16	16	
88/ 87																	2.4	4	4	
86/ 85																.6		1	1	
84/ 83												.6					.6	2	2	
82/ 81											.6					1.8	.6	5	5	
80/ 79										1.2		.6						3	3	
78/ 77									.6						.6			2	2	
76/ 75															.6			1	1	
74/ 73											1.2							2	2	
72/ 71											.6	.6						2	2	3
70/ 69																				4
68/ 67																				5
66/ 65																				17
64/ 63																				18
62/ 61																				21
60/ 59																				45
58/ 57																				19
56/ 55																				13
54/ 53																				12
52/ 51																				5
50/ 49																				6
48/ 47																				16
46/ 45																				14
Element (X)	Z _X ²	Z _X	X̄	e _X	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

MAY
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb
104/103																1.0	1	1	
102/101																1.0	1	1	
100/ 99																3.1	3	3	
98/ 97															1.0	4.2	5	5	
96/ 95																7.3	7	7	
94/ 93												1.0				5.2	8	8	
92/ 91													1.0		2.1	2.1	12.5	16	16
90/ 89															4.2	3.1	4.2	11	11
88/ 87															2.1	2.1	7.3	11	11
86/ 85												1.0	1.0		2.1	3.1	7	7	
84/ 83														2.1	4.2	3.1	3.1	12	12
82/ 81														1.0	1.0	2.1	1.0	5	5
80/ 79										1.0				1.0	2.1			4	4
78/ 77										1.0				1.0				2	2
76/ 75														1.0				1	1
74/ 73												1.0						1	1
72/ 71													1.0					1	1
70/ 69																			1
68/ 67																			3
66/ 65																			2
64/ 63																			12
62/ 61																			14
60/ 59																			16
58/ 57																			10
56/ 55																			13
54/ 53																			14
52/ 51																			8
50/ 49																			2
48/ 47																			3
46/ 45																			1
44/ 43																			4
42/ 41																			3
40/ 39																			5
38/ 37																			14
																			9
Element (X)	ΣX^2	ΣX	\bar{X}	e_x	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																			
Wet Bulb																			
Dew Point																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 35																					5
34/ 33																					7
32/ 31																					10
30/ 29																					7
28/ 27																					4
26/ 25																					9
24/ 23																					5
22/ 21																					1
20/ 19																					4
TOTAL										1.0	1.0	2.1	3.1	6.3	17.7	18.8	50.0		96	96	96

Element (X)	$\sum X^2$	$\sum X$	\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.	24733	1465	15.3	5.002	96			93.0	92.0	87.2	24.2	93
Dry Bulb	759884	8520	88.8	6.269	96			3.9				93
Wet Bulb	327064	5586	58.2	4.621	96							93
Dew Point	122704	3344	34.8	8.092	96		38.8					93

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (O.L.A.)

JUL 64

USAFETAC

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
 STATION

GILA BEND AAF ARIZONA
 STATION NAME

69-70, 72-75
 YEARS

JUN
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.3	1	1		
98/ 97																	.3	1	1		
96/ 95																	.3	1	1		
94/ 93													.6	.3			.3	4	4		
92/ 91														1.1	1.1	.3	.8	12	12		
90/ 89										.3		.6		.6	.3	.6	.8	12	12		
88/ 87										.3	.6	.6	.8	.6	1.4	.6		17	17		
86/ 85										.3	.8	.6	.8	1.4	.8	1.1		21	21		
84/ 83							.3	.6	.8	1.1	.8	2.0	2.0	.8	1.4	.6		37	37		
82/ 81						.3	.6	.8	.8	1.1	1.1	.6	2.5	.8	.6	.3		34	35		
80/ 79						.3	.6	.8	1.1	.3	.8	2.8	2.8	1.4	.8			39	39		
78/ 77					.3	.6	.8	.6	1.1	1.1	1.7	2.2	2.0	.3	.3			37	37		
76/ 75			.3	.3	.6	.3	.3	1.4	1.4	1.1	1.1	.8	.6					29	30		
74/ 73			.3	.3	.3	.6	.3	.6	2.0	1.4	2.5	1.1						33	33		
72/ 71			.3			1.1	.6	1.7	1.4	1.7	.8							27	28	3	
70/ 69			.3		.6	.8	.3	1.4	1.7	1.1	.3							22	22	11	
68/ 67			.3	.3	.8	.3	.3	.8	.6	.6								14	14	18	
66/ 65			.3	.3	.3	.6	.3	.6	.8	.6								10	10	26	
64/ 63			.3	.3	.3	.6	.3	.6	.8	.3								5	5	28	
62/ 61			.3	.3	.3	.6	.3	.6	.8	.3										31	
60/ 59			.3	.3	.3	.6	.3	.6	.8	.3										53	
58/ 57			.3	.3	.3	.6	.3	.6	.8	.3										51	
56/ 55			.3	.3	.3	.6	.3	.6	.8	.3										42	
54/ 53			.3	.3	.3	.6	.3	.6	.8	.3										42	
52/ 51			.3	.3	.3	.6	.3	.6	.8	.3										28	
50/ 49			.3	.3	.3	.6	.3	.6	.8	.3										13	
48/ 47			.3	.3	.3	.6	.3	.6	.8	.3										8	
46/ 45			.3	.3	.3	.6	.3	.6	.8	.3										2	
44/ 43			.3	.3	.3	.6	.3	.6	.8	.3											
42/ 41			.3	.3	.3	.6	.3	.6	.8	.3											
40/ 39			.3	.3	.3	.6	.3	.6	.8	.3											
38/ 37			.3	.3	.3	.6	.3	.6	.8	.3											
36/ 35			.3	.3	.3	.6	.3	.6	.8	.3											
34/ 33			.3	.3	.3	.6	.3	.6	.8	.3											
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

JUN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
110/109																	.3	1	1	
108/107																	1.0	3	3	
106/105																	2.5	8	8	
104/103																	2.5	8	8	
102/101															.3		4.8	16	16	
100/ 99															.3	.6	4.8	18	18	
98/ 97														1.3	1.0	.3	6.1	27	27	
96/ 95														.8	.6	1.6	7.3	32	33	
94/ 93										.3	.6	.6	1.0	.6	1.6	4.8	30	30		
92/ 91										1.0	.3	1.6	.3	1.6	4.1	2.9	37	38		
90/ 89									.6	1.0	.6	1.0	.6	3.5	2.9	1.6	37	37		
88/ 87								.6	1.6	.3	1.0	1.6	1.9	1.0	.6	.6	27	27		
86/ 85								1.0	.3	1.3	1.3	1.3	1.3	2.2	1.0	.3	29	30		
84/ 83								1.0	.3	.3	.3	.6	1.3	.3			13	13		
82/ 81							.6	1.0	.6		1.6		.3	.3			14	14		
80/ 79								.3	.6	.6	.3						6	6		
78/ 77								.3	.3	.3	.3						4	4		
76/ 75								.3	.3	.3	.3						3	3		
74/ 73									.3								1	1	4	
72/ 71																			18	
70/ 69																			26	
68/ 67																			37	
66/ 65																			35	
64/ 63																			51	9
62/ 61																			59	11
60/ 59																			42	9
58/ 57																			30	14
56/ 55																			11	11
54/ 53																			1	17
52/ 51																				16
50/ 49																				21
48/ 47																				18
46/ 45																				22
44/ 43																				34
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70,72-75
YEARS

JUN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
116/115																	1.4	4	4	
114/113																	1.7	5	5	
112/111																	5.7	17	17	
110/109																	5.1	15	15	
108/107																	6.4	19	19	
106/105																	8.8	26	26	
104/103																.3	6.8	21	22	
102/101																	8.1	24	24	
100/ 99																.3	12.2	44	45	
98/ 97														.3	1.7	2.0	7.4	31	32	
96/ 95											.3			.3	1.0	1.7	4.4	23	23	
94/ 93										.3			.7	1.0	1.4	1.7	1.7	20	20	
92/ 91									.3	.7	.3	1.0	2.0	.3	.3	.3	.7	16	16	
90/ 89								.3	.3	.3	.3	.7	.7	.7	1.4	.3	.3	13	13	
88/ 87								.3		.7	.7	.3	.7	.3	.3	.3	.3	9	9	
86/ 85								.3		.3	.3	.3	.7	.3	.3	.3	.3	4	4	
84/ 83								.3			.3	.3	.3	.3	.3	.3	.3	3	3	
82/ 81								.3		.3								1	1	
76/ 75								.3										1	1	1
74/ 73																				17
72/ 71																				12
70/ 69																				47
68/ 67																				58
66/ 65																				51
64/ 63																				45
62/ 61																				10
60/ 59																				30
58/ 57																				11
56/ 55																				8
54/ 53																				10
52/ 51																				1
50/ 49																				15
48/ 47																				35
46/ 45																				8
44/ 43																				11
42/ 41																				10
40/ 39																				1
38/ 37																				15
36/ 35																				35
34/ 33																				34
32/ 31																				19
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-70,72-75 YEARS JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
44/ 33																					13		
42/ 41																					29		
40/ 39																					32		
38/ 37																					32		
36/ 35																					9		
34/ 33																					6		
32/ 31																					8		
30/ 29																					3		
28/ 27																					5		
26/ 25																					1		
TOTAL								.7	.3	.7	2.4	2.4	3.4	6.1	5.4	8.1	70.6	296	299	296	296		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum.	12428	5008	16.9	7.746	296	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90											
Dry Bulb	303201	29887	100.0	7.282	299			90.0	90.0	89.7	75.9	90											
Wet Bulb	1282917	19451	65.7	4.007	296			40.4	5.5			90											
Dew Point	528976	13422	45.3	8.308	296		5.2					90											

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

JUN
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
118/117																	.7	1	1		
116/115																	1.4	2	2		
114/113																	9.9	14	14		
112/111																	11.3	16	16		
110/109																	7.7	11	11		
108/107																	9.9	14	14		
106/105																	9.2	13	13		
104/103																	12.7	18	19		
102/101																.7	8.5	13	13		
100/ 99																.7	4.2	7	7		
98/ 97															.7	1.4	6.3	12	12		
96/ 95														.7	.7		3.5	7	7		
94/ 93														.7			.7	2	2		
92/ 91														.7	1.4	2.1		6	6		
90/ 89															2.8			4	4		
86/ 85										.7								1	1		
74/ 73																				3	
72/ 71																				10	
70/ 69																				14	
68/ 67																				18	
66/ 65																				25	
64/ 63								.7										1	1	20	
62/ 61																				32	3
60/ 59																				15	2
58/ 57																				4	3
56/ 55																					5
54/ 53																				1	4
52/ 51																					5
50/ 49																					12
48/ 47																					17
46/ 45																					12
44/ 43																					9
42/ 41																					10
40/ 39																					13
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 AAF OSOBTTE REVISIO PREVIOUS EDITIONS OF 14

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

JUN
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
110/109																	1.9	2	2	
108/107																	3.7	4	4	
106/105																	1.9	2	2	
104/103																	10.2	11	11	
102/101																	5.6	6	6	
100/ 99																	8.3	9	9	
98/ 97													.9				8.3	10	10	
96/ 95															.9	1.9	8.3	12	12	
94/ 93																1.9	10.2	13	14	
92/ 91										1.9		.9	.9			1.9	3.7	10	11	
90/ 89											.9	.9	.9		.9	.9	3.7	8	8	
88/ 87											1.9	.9	1.9	1.9	.9	.9	1.9	9	9	
86/ 85										.9	.9	1.9	.9	2.8				7	8	
84/ 83										.9	.9	.9	.9					3	3	
82/ 81								.9			.9							2	2	
74/ 73																				1
72/ 71																				3
70/ 69																				4
68/ 67																				11
66/ 65																				23
64/ 63																				21
62/ 61																				18
60/ 59																				13
58/ 57																				9
56/ 55																				4
54/ 53																				1
52/ 51																				
50/ 49																				5
48/ 47																				8
46/ 45																				6
44/ 43																				10
42/ 41																				11
40/ 39																				14
38/ 37																				12
																				8
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 70, 72-75 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb		Dew Point		
104/103																	3.4	1	1				
102/101																	3.4	1	1				
100/ 99																6.9	4	4					
98/ 97																	3.4	1	1				
96/ 95																	3.4	1	1				
94/ 93																	13.8	4	4				
92/ 91																3.4	1	1					
90/ 89													3.4	3.4	3.4	6.9	5	5					
88/ 87									3.4					3.4	3.4	10.3	6	6					
86/ 85																3.4	1	1					
84/ 83										3.4					3.4		2	2					
82/ 81														3.4			1	1					
80/ 79														3.4			1	1					
70/ 69																			3				
68/ 67																			2				
66/ 65																			2				
64/ 63																			3				
62/ 61																			8				
60/ 59																			3				
58/ 57																			4				
56/ 55																			3				
54/ 53																			1				
52/ 51																			2				
50/ 49																			1				
48, 47																			1				
46/ 45																			2				
44/ 43																			4				
42/ 41																			3				
40/ 39																			4				
38/ 37																			2				
36/ 35																			2				
34/ 33																			2				
32/ 31																			1				
30/ 29																			1				
Element (X):	Σx^2	Σx	\bar{x}	σ_x	Nc. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

JUL
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
98/ 97															.3	.3		2	2																	
96/ 95											.6	.6	1.0	.6	.6	.3		10	10																	
94/ 93										1.6	1.6	1.0	.3	.6	1.0			19	19																	
92/ 91								.3	1.3	1.9	1.3	2.9	1.0	.6				29	29																	
90/ 89							.3	2.6	3.5	1.3	1.6	1.9		1.0	.5			39	39																	
88/ 87						1.0	1.3	4.2	4.5	1.9	1.0	1.3	.6	.6		.3		52	52																	
86/ 85			.3	.3	1.6	1.9	2.9	1.3	1.0	1.0	.6	.3						35	36																	
84/ 83		.3	1.0	1.3	1.9	2.6	2.3	2.3	.3	1.0	1.6	.6			.2			48	48																	
82/ 81		.3	1.6	2.9	2.3	1.3	.6	.6							.3			31	31																	
80/ 79		.3	1.3	.6	1.0	.3	1.0	.6		.3	1.0	.6		.3				23	23	1	1															
78/ 77		.3	.6			.3					.6			.3				7	7	1																
76/ 75		.3	.3			.6	.3		.6		.6		.3					10	10	19																
74/ 73																				49	11															
72/ 71			.3			.3		.3	.6									5	5	63	6															
70/ 69																				57	17															
68/ 67																				35	27															
66/ 65																				26	27															
64/ 63																				17	45															
62/ 61																				12	26															
60/ 59																				10	27															
58/ 57																				8	22															
56/ 55																				7	19															
54/ 53																				1	14															
52/ 51																				2	12															
50/ 49																				2	6															
48/ 47																					7															
46/ 45																					9															
44/ 43																					10															
42/ 41																					5															
40/ 39																					6															
38/ 37																					6															
34/ 33																					1															
32/ 31																					1															
30/ 29																					1															
Element (X)	Σ x ²	Σ x	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (O/LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69-70,72-75 YEARS JUL MONTH

PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
28/ 27																				1
26/ 25																				2
22/ 21																				1
TOTAL		.3	1.6	2.3	3.5	5.5	8.1	9.0	13.9	14.8	8.4	10.3	10.6	4.2	4.5	2.6	.3	310	311	310
																		310		310
Element (X)	Σx²	Σx	̄x	s²	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	625131	13081	42.2	15.387	310	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	2303828	26720	85.9	5.125	311			93.0	91.5	82.8	9.3	93								
Wet Bulb	1463063	21233	68.5	5.318	310			67.5	21.0	.3		93								
Dew Point	1095480	18172	58.8	9.894	310		1.8	18.6	3.6			93								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
110/109																	.4	1	1		
108/107																	.8	2	2		
106/105																.8	1.2	5	5		
104/103														.8	1.6	2.0	2.4	17	17		
102/101												.8	.8	2.8	1.2	2.4	20	20			
100/ 99										.4		2.0	4.9	3.3	2.4	2.4	38	38			
98/ 97										.8	2.4	3.7	3.3	2.4		.8	33	34			
96/ 95									.4	1.6	4.9	2.8	3.3	1.2	1.2	.8	2.8	39	40		
94/ 93									1.6	4.9	2.8	1.2	1.2		.4	.4	31	32			
92/ 91								2.8	2.4	1.6	.4				.8	.4	24	24			
90/ 89							1.6	2.8	.8	.4		.8		.4			17	17			
88/ 87						.8	2.0			.8	.4			.4			11	11			
86/ 85						.4	1.2			.4							5	5			
84/ 83						.4				.4							2	2			
82/ 81					.4												1	1			
80/ 79																				2	
78/ 77																				11	
76/ 75																				55	
74/ 73																				75	2
72/ 71																				43	4
70/ 69																				20	18
68/ 67																				16	28
66/ 65																				7	34
64/ 63																				9	38
62/ 61																				4	19
60/ 59																				1	28
58/ 57																				3	11
56/ 55																					6
54/ 53																					16
52/ 51																					8
50/ 49																					5
48/ 47																					10
46/ 45																					5
44/ 43																					4
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26.5 (OL A) JUL 64
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 73-75
YEARS

JUL
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
116/115																	.7	2	2	
114/113																	2.2	6	6	
112/111																	5.5	15	15	
110/109																	9.1	25	25	
108/107															1.1	8.0	25	25		
106/105													.7	3.6	4.0	8.0	45	45		
104/103											.4	2.5	3.3	4.4	5.5	44	44			
102/101											.7	1.5	5.1	3.6	2.5	44	46			
100/ 99										.4	.7	4.0	2.9	.7	1.1	2.2	33	34		
98/ 97									.4	.7	.7	1.8	.7	.7	.4	15	15			
96/ 95								.4	.7	.7	1.1	.4		.4		8	6			
94/ 93									.7	.7	.4					5	5			
92/ 91						.4		.7	.4							4	4			
90/ 89										.7						2	2			
88/ 87										.4						1	1			
86/ 85							.4									1	1			
82/ 81																		1		
80/ 79																		10		
78/ 77																		41		
76/ 75																		71	1	
74/ 73																		79	3	
72/ 71																		34	4	
70/ 69																		4	12	
68/ 67																		20	21	
66/ 65																		10	37	
64/ 63																		2	41	
62/ 61																		2	45	
60/ 59																		1	24	
58/ 57																			15	
56/ 55																			17	
54/ 53																			9	
52/ 51																			13	
50/ 49																			9	
48/ 47																			6	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-70, 73-75 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45																					7
44/ 43																					5
42/ 41																					1
40/ 39																					2
36/ 35																					1
34/ 33																					2
TOTAL							.7	1.1	1.5	2.9	4.7	7.6	12.0	12.4	13.1	44.0	275	278	275	275	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	197964	6990	25.4	8.605	275	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2985113	28773	103.9	5.065	278			93.0	93.0	93.0	90.3	93									
Wet Bulb	1496909	20265	73.7	3.606	275			87.9	68.3	2.0		93									
Dew Point	1004039	16493	60.0	7.369	275			13.9	1.4			93									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 70, 73-75 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	≥ 31	Dry Bulb
118/117																.8	1	1	
116/115																.8	1	1	
114/113																7.5	9	9	
112/111																12.5	15	15	
110/109																8.3	10	10	
108/107															1.7	9.2	13	14	
106/105												.8	1.7	2.5	6.7	3.3	18	18	
104/103												.8	6.7	7.5	6.7	6.7	26	27	
102/101											.8	1.7	2.5	.8	3.3	.8	12	12	
100/ 99												1.7		1.7			4	4	
98/ 97												.8		.8			2	2	
96/ 95									.8			1.7					3	3	
92/ 91									1.7								3	3	
86/ 85								1.7									2	2	
84/ 83																			1
80/ 79																			7
78/ 77					.8												1	1	16
76/ 75																			36
74/ 73																			32
72/ 71																			15
70/ 69																			4
68/ 67																			5
66/ 65																			2
64/ 63																			16
62/ 61																			2
60/ 59																			17
58/ 57																			14
56/ 55																			12
54/ 53																			4
50/ 49																			2
48/ 47																			2
46/ 45																			6
44/ 43																			1
42/ 41																			1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																			
Wet Bulb																			
Dew Point																			

USAFETAC FORM 0-26-5 (OL A) 101 64 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-70,73-75 JUL

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
114/113																		1.4	1	1															
112/111																		8.1	6	6															
110/109																		6.8	5	5															
108/107																		6.8	5	5															
106/105													2.7	1.4	4.1	2.7	5.4	12	12																
104/103												1.4	1.4	1.4	2.7		5	5																	
102/101															8.1	2.7	8	8																	
100/ 99														2.7	4.1	1.4	2.7	8	8																
98/ 97																	4.1	8	8																
96/ 95									1.4			1.4	2.7	2.7	1.4	2.7	9	9																	
94/ 93											1.4			1.4		1.4	3	3																	
90/ 89							1.4					1.4					2	2																	
88/ 87								1.4									1	1																	
82/ 81						1.4											1	1	3																
80/ 79																			1																
78/ 77																			9																
76/ 75																			13																
74/ 73																			19	3															
72/ 71																			12	1															
70/ 69																			5	2															
68/ 67																			6	3															
66/ 65																			5	8															
64/ 63																			7	9															
62/ 61																			7	9															
60/ 59																				4															
58/ 57																				9															
56/ 55																				3															
54/ 53																				6															
52/ 51																				5															
50/ 49																				4															
48/ 47																				4															
46/ 45																				3															
42/ 41																				1															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

73-74

JUL
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																7.7	2		2		
102/101															3.8		1		1		
100/ 99																3.8	3		3		
98/ 97													3.8	3.8			2		2		
96/ 95											3.8					3.8	2		2		
94/ 93											3.8	3.8					4		4		
92/ 91										7.7	3.8	3.8	3.8				6		6		
90/ 89								3.8	7.7								3		3		
88/ 87									3.8								2		2		
86/ 85																	1		1		
76/ 75																				3	
74/ 73																				3	
72/ 71																				8	
70/ 69																				3	
68/ 67																				2	
66/ 65																				2	
64/ 63																				4	
62/ 61																				1	
60/ 59																				4	
58/ 57																				2	
56/ 55																				2	
52/ 51																				1	
50/ 49																				2	
48/ 47																				3	
46/ 45																				1	
44/ 43																				1	
TOTAL									3.8	11.5	7.7	15.4	19.2	11.5	7.7	3.8	19.2	26	26	26	

Element (X)	$\Sigma x'$	Σx	\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.	25296	780	30.0	8.709	26							
Dry Bulb	231281	2449	94.2	4.919	26			93.0	93.0	93.0	50.1	93
Wet Bulb	125991	1807	69.5	4.022	26			68.0	21.5			93
Dew Point	86357	1487	57.2	7.244	26			3.6				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AFB ARIZONA
 STATION STATION NAME

69-70, 72-75
 YEARS

AUG
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
98/ 97													.5					2	2																	
96/ 95													.8	.3				4	4																	
94/ 93									.5	.5	.5	.5	.8					8	8																	
92/ 91							.3	.5	1.1	1.1	1.4	.5						18	18																	
90/ 89						.5	.5	2.2	1.6	1.1	1.4	1.4						32	32																	
88/ 87						1.1	1.1	2.5	1.9	1.9	2.2	.5	.3	.3				43	43																	
86/ 85				.5	.3	1.6	1.9	3.8	2.2	2.5	1.6	.8	.5					58	58																	
84/ 83				.3	1.6	1.9	2.2	3.0	2.5	.8	1.1	1.1	.3	.3	.3			56	56																	
82/ 81			.5	1.1	1.1	1.6	2.2	.5	1.4	1.4		.5	.3	.3				40	40	1																
80/ 79			1.6	.5	1.1	1.4	1.1	2.5	1.4	2.2		.8	.3					47	47	3	1															
78/ 77			.8	.8	.5	1.1	.5	1.1	.8	.3	.5	.3	.3					26	26	12	1															
76/ 75			.3		.3	1.4	.5	.5	.8		.8	1.1	.5					22	22	38	7															
74/ 73					.3	.3			.3		.3	.5						6	6	51	16															
72/ 71								.5			.5	.3						3	3	62	25															
70/ 69									.3		.3							1	1	49	24															
68/ 67								.3										1	1	41	32															
66/ 65																				37	36															
64/ 63																				23	30															
62/ 61																				16	38															
60/ 59																				8	31															
58/ 57																				7	23															
56/ 55																				9	19															
54/ 53																				7	24															
52/ 51																				2	9															
50/ 49																				1	11															
48/ 47																					9															
46/ 45																					4															
44/ 43																					5															
42/ 41																					5															
40/ 39																					3															
38/ 37																					2															
36/ 35																					2															
34/ 33																					1															
32/ 31																					1															
Element (X)	Σ x ²	Σ x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

AUG
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
106/105															.4		.4	2	2			
104/103														.4	1.5		.4	7	7			
102/101											.7			.7	1.1	1.1	.4	11	11			
100/ 99							.4				1.1	2.9	1.8	.4	2.2			24	24			
98/ 97							.7		.4	.7	2.2	3.7	2.2	1.5	.7	1.1	1.1	36	36			
96/ 95						.4	.4	1.1	.7	3.7	3.3	3.3	1.8	1.5	1.0	.7	.7	51	51			
94/ 93					.4	.4		2.9	2.2	2.6	2.6	1.8	.7	.7		1.5	1.5	43	43			
92/ 91					.7	1.8	2.6	2.2	3.7	1.8		.7	.7	.4		.4	.4	41	41			
90/ 89					.4	.7	2.2	1.8	2.2	1.1		1.5	.4	.4				29	29			
88/ 87						.4	.7	1.1	.7		.4					.4	.4	10	10			
86/ 85						.4	1.5	.7	.4		.4		.4	.7				12	12	1		
84/ 83						.4		.4			.4			.4				4	4	4	1	
82/ 81				.4							.4							2	2	6	2	
80/ 79																				11	4	
78/ 77																				25	4	
76/ 75																				57	2	
74/ 73																				56	11	
72/ 71																				46	15	
70/ 69																				24	29	
68/ 67																				10	26	
66/ 65																				11	27	
64/ 63																				9	37	
62/ 61																				4	27	
60/ 59																				4	19	
58/ 57																				3	15	
56/ 55																				1	14	
54/ 53																					8	
52/ 51																					7	
50/ 49																					2	
48/ 47																					4	
46/ 45																					6	
44/ 43																					5	
42/ 41																					1	
40/ 39																					3	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

USAFETAC

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-73
YEARS

AUG
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37																					1
34/ 33																					1
32/ 31																					1
TOTAL				.4	.4	1.6	3.3	7.0	9.9	8.8	11.8	13.2	13.2	9.2	9.2	6.6	5.1		272		272
																		272		272	

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.	413057	10089	37.1	12.017	272			93.0	93.0	93.0	59.5	93
Dry Bulb	2414015	25598	94.1	4.523	272			82.1	54.7	5.5		93
Wet Bulb	1443965	19771	72.7	5.031	272			.3	32.1	8.2	1.4	93
Dew Point	1088780	17048	62.7	8.649	272							

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

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DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 09-70, 72-75 AUG
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
118/117																	.3	1	1	
116/115																	1.0	3	3	
114/113																	1.0	3	3	
112/111																	.7	3	3	
110/109														.3		2.0	3.6	18	18	
108/107													1.0	.3	1.3	.7	5.6	27	27	
106/105										.3				.3	2.6	4.0	4.3	35	35	
104/103										.3	1.0	.3	1.7	2.0	4.3	4.0	6.3	60	60	
102/101							.7	.3		.3	1.3	3.0	3.6	3.3	3.6	4.0	6.1	61	61	
100/ 99							.3	.7	.3	2.3	1.3	2.0	2.3	3.0	1.3	2.3	4.9	49	49	
98/ 97								1.0		1.3	2.0	1.0	1.7			1.3	25	25		
96/ 95										.7	.7	1.0	1.0				10	10		
94/ 93								.7	.3		.3						4	4		
92/ 91								.7		.3							3	3	1	
90/ 89																			1	
88/ 87																			2	1
86/ 85																			5	1
84/ 83																			12	2
82/ 81																			14	3
80/ 79																			27	2
78/ 77																			45	5
76/ 75																			61	7
74/ 73																			41	7
72/ 71																			36	17
70/ 69																			25	22
68/ 67																			13	27
66/ 65																			11	39
64/ 63																			6	36
62/ 61																			2	28
60/ 59																				29
58/ 57																				15
56/ 55																			1	12
54/ 53																				11
52/ 51																				11
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 69-70, 72-75 AUG
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49																					8
48/ 47																					6
46/ 45																					5
44/ 43																					4
42/ 41																					3
38/ 37																					1
TOTAL							1.0	1.7	2.0	1.3	6.0	6.0	9.6	11.6	14.6	15.9	30.5		303		302
																		302		302	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 33 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	275081	8627	28.6	9.754	302							
Dry Bulb	3196936	31088	102.6	5.048	303			92.7	92.7	92.7	91.8	93
Wet Bulb	1696738	22586	74.8	5.016	302			87.1	64.4	13.5		93
Dew Point	1211040	18956	62.8	8.394	302			28.9	8.6	2.2		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

AUG
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
116/115																	1.3	2	2		
114/113																	1.9	3	3		
112/111																	1.3	7	7		
110/109															1.3	.6	7.6	15	15		
108/107													.6				1.9	10.2	20	20	
106/105													.6	7.0	3.2	1.5	3.2	11.5	35	35	
104/103											.6	1.3	1.3	.6	3.8	1.3	13.4	35	35		
102/101							.6				.6	.6	1.9	3.2	1.3	1.9	3.2	21	21		
100/ 99												1.3	3.8			1.3		10	10		
98/ 97									.6				.6	1.3				4	4		
96/ 95									.6								.6	2	2		
94/ 93											.6							1	1		
92/ 91																					1
90/ 89																					1
86/ 85					.6													1	1	1	
84/ 83																				4	
82/ 81						.6												1	1	6	
80/ 79																				9	1
78/ 77																				26	3
76/ 75																				31	4
74/ 73																				21	2
72/ 71																				22	3
70/ 69																				14	8
68/ 67																				10	21
66/ 65																				6	20
64/ 63																				6	13
62/ 61																					10
60/ 59																					19
58/ 57																					14
56/ 55																					7
54/ 53																					5
52/ 51																					5
50/ 49																					6
48/ 47																					6
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
YEARS

AUG
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
114/113																	1.1	1	1			
112/111																	2.2	2	2			
110/109														1.1			1.1	2	2			
108/107																1.1	1.1	2	2			
106/105													1.1	1.1			2.2	4	4			
104/103												1.1	1.1	1.1	1.1		2.2	6	6			
102/101													1.1	4.5	1.1		3.4	9	9			
100/ 99											1.1	3.4	2.2	2.2			3.4	11	11			
98/ 97							1.1		1.1		3.4	3.4	1.1	3.4	1.1	1.1	7.9	21	21			
96/ 95					1.1					1.1	1.1		3.4	2.2		1.1	1.1	10	10			
94/ 93									2.2		2.2	2.2	2.2		3.4	1.1	3.4	15	15			
92/ 91								1.1				1.1					1.1	4	4			
88/ 87					1.1													1	1	2		
86/ 85																				1	1	
84/ 83							1.1											1	1	1	1	
82/ 81																				1		
80/ 79																				8		
78/ 77																				13	1	
76/ 75																				8	2	
74/ 73																				14	3	
72/ 71																				13	5	
70/ 69																				8	7	
68/ 67																				4	3	
66/ 65																				6	5	
64/ 63																				5	5	
62/ 61																				4	5	
60/ 59																				2	14	
58/ 57																					4	
56/ 55																					3	
54/ 53																					4	
52/ 51																				1	5	
50/ 49																					2	
48/ 47																					1	
46/ 45																					4	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	> 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

THE AIR FORCE ENGINEERING CENTER, WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433-3900

FN

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

69-70, 72-75

AUG
MONTH

PAGE 2

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
44/ 43																					1				
40/ 39																					4				
38/ 37																					1				
TOTAL						2.4	1.1	1.1	1.1	3.4	1.1	7.9	10.1	7.9	12.4	14.0	6.7	30.3		90		89			
																		89		89					

Element (X)	ΣX^2	ΣX	\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.	95488	2702	30.4	12.366	89							
Dry Bulb	867845	8013	89.9	7.083	90			92.0	92.0	92.0	85.8	93
Wet Bulb	471122	6454	72.5	5.934	89			75.2	49.1	7.3		93
Dew Point	333552	5378	60.4	9.872	89			24.0	8.4	2.1		93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
 STATION STATION NAME

72-75

YEARS

AUG
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
104/103																	3.7	1	1		
98/ 97															11.1	3.7	3.7	6	6		
96/ 95										3.7				7.4		3.7	4	4			
94/ 93										7.4							2	2			
92/ 91																	3.7	3	3		
90/ 89										3.7	7.4			3.7	3.7	7.4	9	9			
88/ 87																		1	1		
86/ 85															3.7		1	1			
76/ 75																				1	
74/ 73																				6	
72/ 71																				7	
70/ 69																					1
68/ 67																				3	
66/ 65																				2	5
64/ 63																				2	2
62/ 61																				2	4
60/ 59																				3	1
58/ 57																				1	1
56/ 55																					2
54/ 53																					1
52/ 51																					2
50/ 49																					1
48/ 47																					1
44/ 43																					2
40/ 39																					1
38/ 37																					3
TOTAL										3.7	7.4	14.8		14.8	18.5	14.8	7.4	18.5	27	27	27
																		27		27	

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.	25060	784	29.0	9.407	27							
Dry Bulb	233973	2511	93.0	4.160	27			93.0	93.0	93.0	44.8	93
Wet Bulb	125789	1837	68.0	5.564	27			58.0	24.1			93
Dew Point	84771	1489	55.1	10.108	27			3.4				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

PAGE 1

0603-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point															
92/ 91									.3					.3																			2	2	
90/ 89									.3				.6	.3											.9								8	8	
88/ 87							.3	.3	.3		.6	1.5	.6	.6	.3							.6	.3	.6								17	17		
86/ 85								.3	.4	.6	.6	.6	.6	.6	.3							.9	.3	.3								15	15		
84/ 83							.3	.3	.3	1.5	.6	.3	.3	.3	.3							.3	.3	.3								13	13		
82/ 81				.6	.3	.3	1.8	2.4	1.2	.3	1.2	.9	.6	.3	.3							.6	.3	.3								34	34		
80/ 79					.3	1.5	2.1	.6	.6	.9	.6	.9	.6	.6	.3							.6	.6	.3								27	27		
78/ 77					.3	1.5	.9	.3	.3	.9	1.2	.9	.6	.3								.6	.6	.3								21	21	2	
76/ 75		.3	.6	.3	1.8	1.2	1.6	.9	.9	.6	.6	2.1	.6	2.1	.9	1.5																37	37	6	1
74/ 73		.3	.3	.6	1.8	.3	.3	2.7	2.1	.9	1.5																					34	36	6	2
72/ 71		.6	.3	.6	.9	.3	2.1	2.4	.3	1.2	1.2	.9																				35	35	17	7
70/ 69			.3	.9	.3	1.2	1.8	2.7	.3	1.2	.3																					30	30	29	5
68/ 67				.6	.3	.9	1.5	.6	1.8	.6																						21	21	32	6
66/ 65					.9	.3	1.5	.6	.6																							14	14	30	17
64/ 63					.3	.6	.6	1.2	.9						.3																	13	13	24	18
62/ 61						.9	.9	1.2	.6																							10	10	19	25
60/ 59						.3	.3	.3																								3	3	29	17
58/ 57						.3	.3		.3																							2	2	32	21
56/ 55						.3			.3																							1	1	29	14
54/ 53									.3																									27	12
52/ 51																																		23	9
50/ 49																																		14	26
48/ 47																																		11	21
46/ 45																																		6	19
44/ 43																																		1	20
42/ 41																																	2	10	
40/ 39																																			21
38/ 37																																			11
36/ 35																																			12
34/ 33																																			17
32/ 31																																			7
30/ 29																																			9
28/ 27																																			7
26/ 25																																			2

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

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70,72-74
YEARS

SEP
MONTH

PAGE 2 0610-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					1
22/ 21																					1
12/ 11																					1
TOTAL		1.2	1.2	2.4	5.0	10.3	15.1	14.2	16.0	11.5	8.8	0.3	3.2	1.5	0.3			339		339	
																	339		339		

Element (%)	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.	709027	14593	43.0	15.465	339							
Dry Bulb	1929858	25454	75.1	7.424	339			78.6	55.8	28.7		90
Wet Bulb	1262242	20520	60.5	7.720	339			24.4	3.7			90
Dew Point	885210	16828	49.6	12.147	339			7.4	5.6	0.8		90

USAFETAC FORM 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
108/107																	.3	1	1																		
106/105																	.3	1	1																		
104/103																	.3	2	2																		
102/101															.7	.7	1.3	8	8																		
100/ 99													.7	1.3	1.0	1.0		12	12																		
98/ 97									.3			.7	.7	.7	.3	1.0	.3	12	12																		
96/ 95									.3	1.0	1.3		.7	2.3	.7	2.3		26	26																		
94/ 93								.7	.3	1.3	1.0	1.6	.7	.3	1.3	1.0	1.6	30	30																		
92/ 91								.3	1.3	.7	.3	1.3	.7	.3	1.6	1.0		23	23																		
90/ 89								.3	1.0	.7	.3	.7	2.0	1.6	1.3	.7	.7	25	28																		
88/ 87							.7	1.8	.3	1.3	2.6		1.3	1.3	2.3	1.0		38	38																		
86/ 85							1.3	1.0	.7	1.6	1.0	1.3	2.3	1.3	1.0	.3		36	36																		
84/ 83					.3		1.0	.3	.7	.7	.7	1.6	.7	.7	.3	.3		23	23																		
82/ 81			.3				.3	1.0	1.0	.7	.7	1.0	1.6	.3				21	21																		
80/ 79			.3			.3	.3	1.3	.3	.3	1.6	.3	1.3	.7				21	21	3																	
78/ 77			.3				.3	.3	1.0	.7	2.0	.3						15	15	10																	
76/ 75					.3				.7	.3	.7							6	6	24	1																
74/ 73								.3	.3		.3							3	3	26	3																
72/ 71									.3									1	1	24	9																
70/ 69																				31	11																
68/ 67																				32	11																
66/ 65																				29	13																
64/ 63																				30	17																
62/ 61																				29	11																
60/ 59																				33	30																
58/ 57																				17	16																
56/ 55																				12	11																
54/ 53																				0	12																
52/ 51																				1	24																
50/ 49																					17																
48/ 47																					16																
46/ 45																					17																
44/ 43																					22																
42/ 41																					12																
Element (X)	Σx ²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 68-70, 72-74 YEARS SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	> 31	Dry Bulb	Wet Bulb	Dew Point			
40 / 37																								16
38 / 37																								17
36 / 35																								11
34 / 33																								3
32 / 31																								3
30 / 29																								2
TOTAL			1.0		.7	.3	3.9	6.8	5.9	10.1	10.1	11.7	13.0	9.1	12.4	7.8	7.2		307		307		307	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	35978	9723	31.7	13.0	307	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90												
Dry Bulb	2407534	27104	88.3	6.9	307			96.0	89.7	80.3	27.0	90												
Wet Bulb	1358399	20329	66.2	6.3	307			44.0	18.5			90												
Dew Point	885703	6143	52.0	10.9	307		1.5	10.8	1.8			90												

USAF ETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AFB ARIZONA
STATION TION NAME

68-70, 72-74
YEARS

SEP
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
110/107																	3.0	9	9	
108/107																	4.0	13	13	
106/105											.3			.3	.7	1.3	4.3	21	22	
104/103											.3	.3		.7	1.7	1.0	4.0	24	25	
102/101										.3	.7	.7		.7	.7	.3	6.0	28	26	
100/ 99										.3	1.0	.7		.3	.3		9.0	35	35	
98/ 97									.3	.3	2.3	1.0		.7	1.3	1.3	3.7	33	33	
96/ 95									1.0	.7	.7	2.0	1.0		.7	1.7	3.7	34	34	
94/ 93								.7	1.0		1.0	.7		.7	3.0	.7	3.3	33	33	
92/ 91							.3	.3	.7	1.3	2.0	1.0	1.0		.7	1.3	1.3	30	30	
90/ 89							.3	.7	.3	.7	1.0		.3		.7	1.0	15	15		
88/ 87							.3	.7	.3	.3	.7	1.0		.3	.7	.3	12	12		
86/ 85			.3	.3			.3	.3	.3	.3	.7	.3	.3		.3		10	10		
84/ 83			.3	.3			.3	.3	.3	.3	.3	.3	.3		.3		4	4	1	
82/ 81											.3								2	
80/ 79																			14	
78/ 77																			22	2
76/ 75																			31	2
74/ 73																			25	6
72/ 71																			32	9
70/ 69																			27	13
68/ 67																			34	10
66/ 65																			42	13
64/ 63																			30	24
62/ 61																			22	15
60/ 59																			11	15
58/ 57																			5	17
56/ 55																			3	10
54/ 53																				14
52/ 51																				20
50/ 49																				16
48/ 47																				19
46/ 45																				15
44/ 43																				16
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-70,72-74 YEARS SLP MONTH PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41																					18
40/ 39																					9
38/ 37																					12
36/ 35																					11
34/ 33																					7
32/ 31																					5
30/ 29																					3
TOTAL			.3	.7			.3	1.0	2.7	3.7	4.7	10.6	7.0	6.0	9.0	9.3	43.5		303		301
																		301			301
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	231668	7510	25.0	12.151	301	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90									
Dry Bulb	2885451	29509	97.4	6.194	303			90.0	70.0	90.0	68.9	90									
Wet Bulb	1449586	20817	69.1	5.940	301			56.2	78.4	2.4		90									
Dew Point	887481	15973	53.1	11.525	301		2.4	12.6	3.0			90									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70, 72-74
YEARS

SEP
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
112/111																	2.9	3	3																	
110/109																	1.0	1	1																	
108/107																	5.7	6	6																	
106/105											1.0				1.0		1.9	4	4																	
104/103													4.8				6.7	12	12																	
102/101												1.9	1.9	1.9			9.5	16	16																	
100/ 99												1.9		1.9			5.7	10	10																	
98/ 97										1.0	1.0	1.0		1.0			3.8	8	8																	
96/ 95											2.9	3.8	3.8	3.8			4.8	20	20																	
94/ 93										1.9		1.0	1.0	1.0	1.9		2.9	10	10																	
92/ 91									1.0			1.0	1.9		2.9	1.0	1.0	9	9																	
90/ 89										1.0		1.0	1.0		1.0	1.0		3	3																	
88/ 87											1.0	1.0	1.0					3	3																	
84/ 83																				1																
80/ 79																				2																
78/ 77																				10																
76/ 75																				7	1															
74/ 73																				9																
72/ 71																				7	1															
70/ 69																				11	5															
68/ 67																				9	8															
66/ 65																				14	5															
64/ 63																				19	8															
62/ 61																				7	2															
60/ 59																				6	4															
58/ 57																				3	9															
56/ 55																					3															
54/ 53																					6															
52/ 51																					2															
50/ 49																					2															
48/ 47																					10															
46/ 45																					7															
44/ 43																					3															
42/ 41																					6															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70,72-73
YEARS

SEP
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
110/109																	1.4	1	1	
108/107																	2.8	2	2	
106/105																	2.8	2	2	
104/103																	1.4	1	1	
102/101															1.4	1.4	1.4	3	3	
100/99											1.4				1.4	1.4	2.8	4	4	
98/97								1.4		2.8					1.4	1.4	2.8	7	7	
96/95								1.4		5.6			1.4				1.4	7	8	
94/93									1.4				2.8				2.8	5	5	
92/91											2.8					4.2	5.6	9	9	
90/89										1.4		1.4	1.4			1.4	2.8	6	7	
88/87											4.2		1.4	1.4		4.2	1.4	7	7	
86/85									1.4		1.4		1.4	2.8				5	5	
84/83								1.4		1.4		1.4	2.8	1.4				6	6	
82/81													1.4					1	1	2
80/79							1.4			1.4			2.8					4	4	
78/77									1.4									1	1	2
76/75																			4	2
74/73																			8	1
72/71																			4	
70/69																			6	2
68/67																			5	1
66/65																			5	1
64/63																			5	
62/61																			10	2
60/59																			9	5
58/57																			5	2
56/55																			5	6
54/53																				6
52/51																				3
50/49																				5
48/47																				1
46/45																				1
44/43																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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USAF ETAC FORM 0-26-5 (OL.A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-70,72-73 YEARS 56P MONTH
 PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point	
42/ 41																					5	
40/ 39																					7	
38/ 37																					5	
36/ 35																					2	
34/ 33																					4	
32/ 31																					2	
30/ 29																					1	
28/ 27																					3	
TOTAL								1.4	1.4	2.8	4.2	14.1	8.5	7.0	9.9	12.7	8.5	29.6		73	71	
																			71		71	

Element (X)	Σx^2	Σx	\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.	53466	1778	25.0	11.302	71							
Dry Bulb	623590	6726	92.1	7.338	73			90.0	40.0	46.3	40.7	90
Wet Bulb	313239	4689	66.0	7.138	71			40.6	21.5	3.8		90
Dew Point	181916	3482	49.0	12.621	71			7.6	11.4	3.8		90

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68 YEAR SEP 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
78 / 77													0					1	1		
54 / 53																				1	
32 / 31																					1
TOTAL													0					1	1	1	1

Element (X)	Σx^2	Σx	\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.	361	19	19.0		1							
Dry Bulb	5929	77	77.0		1			90.0	90.0			90
Wet Bulb	2916	54	54.0		1							90
Dew Point	961	31	31.0		1			90.0				90

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70, 72-74
YEARS

OCT
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
84/ 83							.3											1	1	
80/ 79							.6		.3									3	3	
78/ 77							.9									.3		4	4	
76/ 75				.3			.3		.9		.3				.6			8	8	
74/ 73			.9	.6	.3		.9		.6	.3				.6	.3			15	16	1
72/ 71		.6	.9	.6	.9	.6	1.2	.9	.9	.6	.3			.9	.3	.6		23	23	2
70/ 69		1.2	1.2	.9	.6	.6	1.2	.9	.9	.6	.3			.9	.3	.3		27	28	11
68/ 67		.3		1.5			.6	1.5	.9	.6	.9			.9	.3			22	23	7
66/ 65		.3	.6	.6	1.2	2.1	.9	.9	.3	.3				.3				24	24	10
64/ 63	.3	1.5	.3	.6	.9	.9	.9	1.2	.9	.6				.6				27	31	12
62/ 61		.3	.3	.3	1.8	.3	1.2	1.2	2.1	.3				.3				26	27	20
60/ 59		1.2	.9	3.5		2.1	1.8	1.5	.3	.3								39	43	16
58/ 57		.3	1.5		.9	1.5	.3	2.6	.3									25	28	18
56/ 55		.6	1.2	.3	.3	1.8	.6	.3	.6									19	21	33
54/ 53		.3	.6	.3	.6	1.2	1.2	.6										16	19	35
52/ 51		.9	1.8		.9	.9	.3	1.8										19	21	19
50/ 49		.3	.9	.9		2.1	1.2	.3	.3									20	22	29
48/ 47		.3	.3	.6	1.2	.3	.6	.9										14	14	32
46/ 45		.3		.3		.3												3	3	29
44/ 43				.3	.3		.6											4	4	14
42/ 41				.6														2	2	15
40/ 39																				18
38/ 37																				11
36/ 35																				5
34/ 33																				2
32/ 31																				2
30/ 29																				
28/ 27																				
26/ 25																				
24/ 23																				
22/ 21																				
20/ 19																				
18/ 17																				
16/ 15																				
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAF ETAC FORM 026-5 (OCT 67) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 58-70, 72-74 YEARS OCT MONTH

PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					3
12/ 11																					1
10/ 9																					3
TOTAL	.3	8.2	11.1	11.4	8.8	16.1	15.0	15.5	5.9	4.7	1.8	1.2						365		341	
																	341		341		

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.	1112931	18153	53.220	8.747	341							
Dry Bulb	1394261	22353	61.2	8.343	365			27.0	8.2	.8		93
Wet Bulb	945938	17712	51.9	8.737	341		.5	5.7	.3			93
Dew Point	677310	14478	42.5	13.571	341		24.0	3.5				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
 STATION STATION NAME

08-70, 72-74
 YEARS

JCT
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
94/ 93											.3							2	2																	
92/ 91											.3							2	2																	
90/ 89											.3	.3	.3	.3	.3			6	6																	
88/ 87									.3		.3	.7	.7	.3		.7		9	10																	
86/ 85							.3			1.3	1.3	.7	.3	.7	.3			15	16																	
84/ 83						.3			.7	.3	2.0	.7	.3	1.0				16	17																	
82/ 81					.3		.3	2.0	1.3	1.3	1.0	.3	1.0	1.0				26	29																	
80/ 79					1.0			1.0	.3	1.7	1.7	.7	1.0	2.0	.3			30	31																	
78/ 77						1.0	1.0	1.3	1.3	1.0		.7	1.0	.3	.3			20	24																	
76/ 75			.3	.3		.7	1.0	1.0	2.3		1.7	.7	.3	.3				26	29	1																
74/ 73		.3	.3	1.3	.7	.7	.3	.3	.3	1.0	1.7	2.0	.3					28	30	5																
72/ 71				.7	.3	.3		1.0	1.0	1.7	1.0	.3						19	22	5																
70/ 69		.3	.3	.3	.7	.3	.7	.3	1.0	2.0	.7	1.0						23	24	6	8															
68/ 67			.3	.3	.7	.3	.7	.3	1.0	2.0	.3	.7	.7					14	16	26	4															
66/ 65			.7	.3	1.0	1.0	1.0	.3	2.0									18	20	22	5															
64/ 63			.3	.3	1.0	.7		.7	1.0	.3	1.0							16	16	32	5															
62/ 61				1.0	.7	.3	.3	.3		.7								10	10	28	14															
60/ 59				.3	.3			1.0	1.0	.3								9	9	19	14															
58/ 57				.3					.7									3	3	22	15															
56/ 55			1.0	.3		.3												5	5	32	9															
54/ 53		.3			.3	.3												3	3	33	17															
52/ 51			.3															1	1	24	20															
50/ 49					.3													1	1	13	20															
48/ 47																				11	16															
46/ 45																				11	11															
44/ 43																				6	7															
42/ 41																				3	7															
40/ 39																					20															
38/ 37																					22															
36/ 35																					21															
34/ 33																					12															
32/ 31																					14															
30/ 29																					6															
28/ 27																					7															
Element (X)	ΣX ²	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

68-70, 72-74

YEARS

PCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.3	1	1		
100/ 99																	1.3	5	5		
98/ 97												.3	.3				1.3	7	7		
96/ 95											.3	.3	.6				3.6	15	16		
94/ 93											.3	.6	.3	1.0	1.6	1.3	3.6	27	30		
92/ 91											1.6	.6	1.9	1.9	1.9	.6	1.0	30	33		
90/ 89								.3		.3	1.3	.3	2.3	1.0	1.0	1.0	1.0	26	31		
88/ 87							.3	.3	.6	.3	1.0	1.3	1.9	1.3	1.3	.6	.3	31	32		
86/ 85							.3	.3	.3	1.0	1.3	.3	1.6	1.9	.3	.3		23	24		
84/ 83							.3	.3	.3	1.0	1.0	.3	1.0	.3	.3	.3		15	15		
82/ 81							.3	.3	1.0	1.3	.6	2.6	.3				21	22			
80/ 79					.3	.6	.3	.6	.3	1.3	.6	1.3	1.9	.6			24	29			
78/ 77		.3	.3	1.3	.3	.3	.3	.6	.6	1.3	1.3	1.6	.3	.3			25	26			
76/ 75		.3	.6	.6	.3	.3	.3	.6	.3	1.3	.6	.6	.3	.3			16	17	4		
74/ 73		.3	.3	.3	.3	.3	.6	.6	.6	1.3	.6	.3	.3				10	10	12	2	
72/ 71			.3	.3	.3	.3	.6	.6	.6	1.3	.3	.3	.3				7	7	17	2	
70/ 69		.3	.3	.3	.3	1.0	.3	.3	.6	.6	.6	.3	.3				10	10	16	1	
68/ 67						.3	.3	.3	.3	.3	.3	.3	.3				4	4	19	11	
66/ 65						.3	.3	.3	.3	.3	.3	.3	.3				2	2	35	9	
64/ 63					.3	.3	.3	.3	.3	.3	.3	.3	.3				3	3	41	7	
62/ 61			.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3				3	3	23	9	
60/ 59		.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3				3	3	45	10	
58/ 57																			34	8	
56/ 55																			21	10	
54/ 53																			20	13	
52/ 51																			11	30	
50/ 49																			9	13	
48/ 47																			1	12	
46/ 45																				20	
44/ 43																				15	
42/ 41																				15	
40/ 39																				23	
38/ 37																				16	
36/ 35																				16	
Element (X)	ΣX^2	ΣX	\bar{X}	e_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 84
 JUL 64
 USAF ETAC
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 0-26-5 (OL A)

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-70, 72-74 YEARS OCT MONTH
 PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33																					24
32/ 31																					13
30/ 29																					5
28/ 27																					8
26/ 25																					7
24/ 23																					5
22/ 21																					1
18/ 17																					2
14/ 13																					1
TOTAL	1.0	.6	1.6	3.2	3.9	2.6	3.2	3.2	3.9	9.4	13.0	12.7	14.6	10.4	4.2	12.3		330		308	
																	308			308	

Element (X)	Σx^2	Σx	\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.	351269	9029	29.3	16.794	308							
Dry Bulb	2365857	27797	84.2	8.616	330			89.9	84.0	65.1	16.6	93
Wet Bulb	1186376	19018	61.7	6.272	308			20.5	4.8			93
Dew Point	678526	13966	45.3	12.141	308		12.7	4.8	.6			93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

08-70, 72-74

OCT
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
102/101																		3.3	4		4															
100/ 99																		2.5	3		3															
98/ 97												.8	1.7					4.1	8		8															
96/ 95													1.7					4.1	7		7															
94/ 93												.8	.8	.8	.8	.8	.8		6		6															
92/ 91												1.7		1.7	2.5				9		10															
90/ 89											.8	.8	3.3	1.7			.8	1.7	11		11															
88/ 87									.8			.8	1.7	.8		3.3	.8	10		10																
86/ 85								.8	.8			1.7	1.7	.8	.8	.8	1.7	11		11																
84/ 83										.8	.8		1.7	1.7	.8			7		7																
82/ 81									.8				.8		2.5	2.5		8		8																
80/ 79													1.7	1.7	.8	.8		5		5																
78/ 77										1.7			1.7	.8	.8	2.5		9		9																
76/ 75		.8	.8									.8		.8				4		4	2															
74/ 73							.8											1		1	4	1														
72/ 71								1.7					.8					3		3	6	1														
70/ 69							.8	1.7		.8	.8							5		5	8	1														
68/ 67							.8											1		1	2	1														
66/ 65						1.7	.8			.8								4		4	12	4														
64/ 63		.8	.8	.8			.8	.8		.8								5		5	12	3														
62/ 61																					14	2														
60/ 59																					16	2														
58/ 57																					15	2														
56/ 55																					10	2														
54/ 53																					10	3														
52/ 51																					6	11														
50/ 49																					1	9														
48/ 47																					1	6														
46/ 45																						6														
44/ 43																						7														
42/ 41																						3														
40/ 39																						6														
38/ 37																						8														
36/ 35																						6														
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\sim 67 F$	$\approx 73 F$	$\approx 80 F$	$\approx 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

58-70, 72-74

NOV
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point		
34/ 33																						5		
32/ 31																						4		
30/ 29																						9		
28/ 27																						9		
26/ 25																						4		
24/ 23																						1		
22/ 21																						2		
TOTAL	1.7	1.7	.0	1.7	3.3	5.8	3.3	2.5	2.5	5.0	10.7	15.7	13.2	7.4	5.8	19.0				124	121			
																		121				121		
El. ment (X)		$\sum X^2$	$\sum X$	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						Total											
Ref. Hum.	136411	3451	28.5	17.792	121	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93												
Dry Bulb	908035	10539	85.0	10.002	124			86.2	79.5	66.7	22.5	93												
Wet Bulb	461150	7430	61.4	6.397	121			18.4	6.1			93												
Dew Point	259020	5392	44.4	12.499	121		19.2	3.1	.8			93												

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-70, 72-74
YEARS

JUL
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B.-W.B.	G y Bulb	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26			27-28	29-30	≥ 31	Wet Bulb
100/ 99															1.2	1.2	2	2		
94/ 93											1.2						1.2	2	2	
92/ 91											1.2				1.2		2	2		
90/ 89											1.2						1	2		
88/ 87												1.2				1.2	2	3		
86/ 85							1.2	1.2	2.4				1.2	1.2	1.2	2.4	10	10		
84/ 83								2.4	1.2				4.7	1.2	1.2	2.4	11	12		
82/ 81								1.2	1.2	1.2			1.2	1.2		2.4	7	7		
80/ 79									1.2			1.5		1.2	1.2		6	7		
78/ 77										2.4	1.2			3.5	1.2		7	8		
76/ 75			1.2			1.2			1.2		1.2	1.2	3.5				9	9		
74/ 73						1.2	1.2				1.2		1.2	1.2			5	7	2	
72/ 71						1.2	1.2					1.2					3	5	5	
70/ 69					1.2							1.2	1.2				3	3	6	1
68/ 67											1.2		1.2				3	3	4	1
66/ 65			1.2	2.4							1.2	1.2					5	5	3	2
64/ 63							1.2			1.2		1.2					3	3	7	3
62/ 61								1.2									1	1	13	7
60/ 59					1.2												1	1	6	7
58/ 57						1.2											1	1	6	2
56/ 55				1.2													1	1	4	3
54/ 53																			2	1
52/ 51																			7	3
50/ 49																			5	2
48/ 47																			3	5
46/ 45																			2	8
44/ 43																				3
42/ 41																				4
40/ 39																				3
38/ 37																				5
36/ 35																				3
34/ 33																				3
32/ 31																				4
30/ 29																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PER USE DIRECTIONS OF THIS FORM AF OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 69, 73-74 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73									50.0									2	2			
70/ 69																			1			
53/ 57																					1	
52/ 51																					1	
46/ 45																					1	
30/ 29																					1	
TOTAL									50.0									2	3	2	2	

Element (X)	Σx^2	Σx	\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.	1730	56	28.0		2							93
Dry Bulb	15558	216	72.0		3			73.0	62.0			93
Wet Bulb	5850	108	54.0		2							93
Dew Point	2866	74	37.0		2		46.5					93

USAF ETAC FORM 0-26-5 (OL A) 01 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
 STATION STATION NAME

68-74
 YEARS

NOV
 MONTH

PAGE 1 0600-0000
 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
66/ 65										.3							1	2		
64/ 63						.3			.3								2	2		
62/ 61	.3	.3			.3	.3	1.5										10	13	2	2
60/ 59	.3	.9			.3	.6	.9										10	10	2	1
58/ 57	.3			.3	.3	.6	.9	.6		.6							12	13	3	4
56/ 55		.9	1.2	1.2	.6	1.2	1.8	.3	.6								26	35	1	
54/ 53	.9	1.8	1.2	.3	3.6	1.8	.6	.9	.3								33	40	9	6
52/ 51		1.8	1.2	1.5	1.8	.9	1.8	1.2									33	43	11	3
50/ 49		.3	1.5	3.9	.9	1.2	1.5	.6									33	42	24	7
48/ 47		.3	2.7	3.3	.6	.9											26	36	22	12
46/ 45		2.1	2.4	2.7	1.8	2.1	.6										39	44	31	8
44/ 43		1.5	3.0	2.7	1.2	1.2	.3										33	38	48	15
42/ 41		2.1	2.4	3.0	2.7	.3											35	37	38	14
40/ 39		2.1	.3	2.7	.6												19	19	42	26
38/ 37	.6	1.2	.6	.9	.6												13	17	44	35
36/ 35		.9	.6	.6													5	5	27	40
34/ 33																			22	23
32/ 31																			7	27
30/ 29																			2	22
28/ 27																				14
26/ 25																				16
24/ 23																				21
22/ 21																				12
20/ 19																				14
16/ 15																				2
14/ 13																				5
12/ 11																				5
10/ 9																				1
TOTAL	2.4	16.1	16.4	23.0	14.6	11.0	8.4	6.0	1.2	.9							335	396	335	335
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	1379482	20384	60.8	20.412	335	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90								
Dry Bulb	951497	19243	48.6	6.446	396							90								
Wet Bulb	606313	14113	42.1	5.933	335		2.4					90								
Dew Point	419223	11403	34.0	9.646	335		37.3					90								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-74 YEARS MONTH NOV

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.3													1	1		
78/ 77																		3	3		
76/ 75											.7	1.0						5	7		
74/ 73											.7	1.4	.7					7	9		
72/ 71							.7	.3	.7	.7	.7	.7	.3					10	12	1	
70/ 69				.3			.3	1.0	.3	1.4	1.7							15	21		
68/ 67		.3		.3		1.0	.3		.7	1.7	.7							15	19	1	2
66/ 65		.3	1.0	.3	.3	.7	1.4	1.0	.7	1.7	.7							20	25		
64/ 63		.7	.3	.3	.7	.7	2.4	.3	2.4	1.0	.3							27	33	2	
62/ 61		.3		1.0	.7	1.4	2.4	2.1	1.4		.3							28	37	7	1
60/ 59		1.0	1.0	1.4	1.4	1.7	1.7	1.7	1.0	.3								33	36	4	7
58/ 57		.3		1.0	1.4	1.4	1.7	1.4	.3	.3								23	34	13	4
56/ 55		.3	1.4	1.0	1.7	2.1	1.4	1.0	.3									27	31	29	3
54/ 53				1.0	2.1	.7	.3	.3										13	16	23	5
52/ 51			.3	.7	3.9	.3	2.1	.3										21	22	29	9
50/ 49		.3	1.4	1.4	1.4	1.4		.3										18	20	38	11
48/ 47			.3	2.1	1.4	.3												12	12	39	9
46/ 45	.3	.3	1.0	.3														6	7	37	14
44/ 43																				27	17
42/ 41			.3		.3													2	2	20	19
40/ 39																				14	27
38/ 37																				1	29
36/ 35																				1	30
34/ 33																					14
32/ 31																					16
30/ 29																					15
28/ 27																					24
26/ 25																					15
24/ 23																					7
22/ 21																					1
20/ 19																					1
18/ 17																					3
16/ 15																					3

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

2

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-74
YEARS

NOV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87													.7		.4	.4	.4	5	5		
86/ 85				.7									1.1	.7		.4		8	8		
84/ 83											.4	1.4	1.4	1.1	.4			13	13		
82/ 81			.4								.4	2.1	2.5	1.1	.7	.4		21	22		
80/ 79									.4		.7	1.4	3.2	1.4				20	20	2	
78/ 77			.4					.4	1.4			2.5	1.1	1.1				19	27		2
76/ 75						.4		.4	1.1	1.4	2.1	2.8	2.5	.7				32	41	1	
74/ 73				.4	1.1	.4		.7	.7	1.8	2.8	.7	1.1					27	34		1
72/ 71		.4		.4			.7		1.8	.7	.7	3.2						22	25	1	
70/ 69		.7		1.4		1.1	.7	2.1	1.4	2.1	.7	.4						30	33	2	
68/ 67			.4	.4			.7	1.4	2.1	1.8	1.8	.7						26	28	2	4
66/ 65			.7	.4	.4	1.1	1.1	1.4	3.2	.4	.4							25	31	7	1
64/ 63						.7	.7	.7	.7	.4								9	12	7	
62/ 61		.4			.7	.7	1.1	1.1										11	16	9	8
60/ 59						1.1	.4			.4								5	6	33	2
58/ 57				.7	.7		.4	.4										6	7	31	4
56/ 55					.4		.4											2	2	57	2
54/ 53																				43	4
52/ 51						.4												1	1	32	5
50/ 49			.4															1	1	33	9
48/ 47																				14	9
46/ 45	.4																	1	1	4	20
44/ 43																				3	25
42/ 41																				3	22
40/ 39																					29
38/ 37																					23
36/ 35																					29
34/ 33																					19
32/ 31																					13
30/ 29																					18
28/ 27																					13
26/ 25																					7
24/ 23																					5
22/ 21																					2
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-74
YEARS

JUN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
90/ 89																.0	.0	2	2																
88/ 87															.0	1.2	3	3																	
86/ 85										.6				1.8	.0	.0	6	6																	
84/ 83										.6			1.2	.0	1.8		7	7																	
82/ 81				.6					.6			1.2	1.2	1.2			8	8																	
80/ 79						.6				1.2		1.2	3.0	2.4			14	15																	
78/ 77			.6			.6	.6	1.8	2.4	1.2	3.0	.6					18	18																	
76/ 75			1.2			1.2	1.8	1.2	.6	3.0	.6						16	17	1																
74/ 73			.6	.6				1.2	2.4	3.0	1.2	1.8					18	19																	
72/ 71		.0	.0	.0			1.8	.0	2.4	2.4	.0						16	16	1	1															
70/ 69						1.2	3.7	2.4	1.2	3.0	1.2						21	21	4	1															
68/ 67			.0					1.2	.0	1.8	.0						8	9		1															
66/ 65						1.2	.6	1.8	1.2	.6							9	9	4	3															
64/ 63			.6			1.2	.6	.6	2.4	.6							10	11	5																
62/ 61						.0	.6	.6		.6							3	4	5	3															
60/ 59						.6		.6									2	3	17	1															
58/ 57				1.2			.6	.6									3	3	23	1															
56/ 55																			27	2															
54/ 53																			26	1															
52/ 51																			20	2															
50/ 49																			16	3															
48/ 47																			10	8															
46/ 45																			3	10															
44/ 43																			2	10															
42/ 41																				12															
40/ 39																				10															
38/ 37																				12															
36/ 35																				18															
34/ 33																				7															
32/ 31																				5															
30/ 29																				13															
28/ 27																				10															
26/ 25																				9															
24/ 23																				6															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	- 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-74
YEARS

NOV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
62/ 61																	1.1			1	1																
80/ 79																	1.1			1	1																
76/ 75																	2.1			4	4																
74/ 73																	1.1	1.1	1.1					1.1	1.1												
72/ 71																	1.1		2.1	5	5			1.1	1.1												
70/ 69					2.1												1.1	3.2	1.1	11	11			1.1	1.1												
68/ 67		1.1															2.1	2.1	2.1	12	13			2.1	2.1												
66/ 65																	1.1	1.1	3.2	7	8	1	1	2.1													
64/ 63				1.1	2.1												1.1	1.1	3.2	11	11	2		1.1													
62/ 61																	1.1	3.2	2.1	7	8			1.1													
60/ 59				1.1													1.1	3.2	1.1	15	16	3	2	2.1													
58/ 57				1.1													2.1	2.1	1.1	6	8	6	1	1.1													
56/ 55			1.1	1.1													1.1	1.1	2.1	6	8	6	1	2.1													
54/ 53																	2.1			2	3	14	2														
52/ 51																	1.1	1.1		2	2	10	2														
50/ 49																																					
48/ 47																																					
46/ 45																																					
44/ 42																																					
42/ 41																																					
40/ 39																																					
38/ 37																																					
36/ 35																																					
34/ 33																																					
32/ 31																																					
30/ 29																																					
28/ 27																																					
26/ 25																																					
24/ 23																																					
22/ 21																																					
18/ 17																																					
16/ 15																																					
14/ 13																																					
12/ 11																																					
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																										
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA 68-74 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
TOTAL		2.1	4.2	4.2	1.1	5.8	7.4	17.9	16.8	10.5	9.5	5.3	4.2		1.1			95	104	95	95		
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Ref. Hum.	163984	3594	37.8	17.264	95	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											Total	
Dry Bulb	430641	6659	64.0	6.441	104			34.6	9.5	.9												90	
Wet Bulb	244297	4792	50.4	5.232	95																	90	
Dew Point	132971	3419	36.0	10.274	95			37.9														90	

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

08-74

DEC
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
58/ 57			.6	.3		.3												4	4		
56/ 55			.6	.3	.6													5	5		
54/ 53			.4															3	3	2	
52/ 51		.6		1.4		.3		.6										10	10	7	
50/ 49		1.7	.6	1.1	1.1	.6	.6	.3										21	21	3	
48/ 47		1.4	1.7	1.7	1.1	.8	.8	.3										28	30	11	
46/ 45		.8	1.4	1.1	2.0	.3		.3										21	23	14	
44/ 43	.3	1.1	2.2	3.1	1.1			.3										23	30	11	
42/ 41	1.1	4.2	2.8	4.3	.8													48	49	28	
40/ 39	1.7	.3	6.7	1.7	1.4													42	42	46	
38/ 37	1.1	3.9	3.9	2.5	.6													43	43	39	
36/ 35	.6	2.5	2.5	2.0	.3													28	31	60	
34/ 33	.3	3.4	2.5	1.4														27	27	35	
32/ 31		3.4	1.7	.6														20	20	41	
30/ 29	.8	1.7	1.4	.3														15	15	26	
28/ 27	1.4	.6	.3															8	8	19	
26/ 25		.3	.6															3	3	10	
24/ 23		.3																1	1	2	
22/ 21																				2	
20/ 19																				12	
18/ 17																				9	
16/ 15																				6	
14/ 13																				2	
12/ 11																				3	
10/ 9																				1	
6/ 5																				2	
4/ 3																				1	
TOTAL	7.3	26.1	30.3	21.9	9.0	2.2	1.4	1.7											365	356	356
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1839694	24806	69.7	17.700	356	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	609032	14768	40.3	6.704	365		12.0					93									
Wet Bulb	480705	12905	36.3	6.028	356		26.1					93									
Dew Point	350534	10774	30.3	8.302	356		61.4					93									

USAFETAC FORM 02 64 0-26-5 (04 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 68-74 YEARS DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
70/ 69									.3									2	2	
68/ 67									.3									1	1	
64/ 63									.3	.9								5	5	
62/ 61				.6	.3	.6			.9	.3								11	11	
60/ 59			1.5	.9		.9	1.5	.6	.3	.9								22	23	
58/ 57		.3	1.2	.9	2.1	1.5	1.5	1.2										29	31	2
56/ 55		.3	.9	.6	.6	1.5	1.2	.3	.3									19	21	8
54/ 53		1.5	1.2	.9	1.2	3.1	1.2	.6										32	33	11
52/ 51		.6	.9	1.5	3.1	3.7	.9	.6										37	38	18
50/ 49		1.2	1.2	1.5	2.1	1.5	.3											26	27	23
48/ 47		1.8	1.2	2.5	2.5	2.5	.3											35	35	27
46/ 45		.6	2.1	3.1	3.4	.6	.3											33	34	41
44/ 43	.3	.6	1.5	1.5	1.8		.3											20	20	36
42/ 41	.3	.6	.6	1.5	.9	.6	.3											16	16	41
40/ 39			2.1	1.5														12	12	43
38/ 37		.9	1.8	.3	.3													11	11	23
36/ 35		1.5	.6	.3														8	8	21
34/ 33		.3	.3	.6														4	4	19
32/ 31		.3		.3														2	2	7
30/ 29			.3															1	1	3
28/ 27																				2
26/ 25																				1
24/ 23																				
22/ 21																				13
20/ 19																				9
18/ 17																				6
16/ 15																				5
14/ 13																				3
10/ 9																				2
8/ 7																				1
TOTAL	.6	10.7	17.8	18.7	18.4	16.6	8.9	5.2	1.5	1.2	.3							326	335	326
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	1184610	18728	57.4	18.291	326	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93								
Dry Bulb	852620	16720	49.9	7.365	335		.8	.8				93								
Wet Bulb	609577	13953	42.8	6.172	326		3.7					93								
Dew Point	404686	11110	34.1	8.955	326		43.4					93								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA

68-74

DEC

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
78/ 77																		1	1	
76/ 75				.3														5	5	
74/ 73				.3						.9	.6	.6	.6					10	10	
72/ 71				.3				.3	.6	1.3	.3	.3	.6					10	10	
70/ 69			.6			.3		1.3	1.6	1.6	.6	.9	.6					16	17	1
68/ 67			.3			.3	1.6	1.6	1.3	1.6	2.2	.3						29	31	1
66/ 65		.3		1.3	.6	.3	1.9	1.6	1.6	2.8	1.3		.3					38	38	3
64/ 63			.6	.9		1.3	3.1	3.4	1.6	1.9	.9							44	44	1
62/ 61			1.9	1.3	2.5	1.3	2.8	2.5	2.2	.6	.3							49	50	1
60/ 59			2.2		1.3	1.3	.9	1.9	1.9	.6								32	33	9
58/ 57		.6	.6	.6	.6	.6	2.2	.3	.6									21	22	15
56/ 55		.9	.3	.3	1.9	.9	.6	.3										17	17	30
54/ 53		.3		.3	.9	1.3	1.3	.3	.3									15	15	40
52/ 51			.3		1.3	.3	.6	.3	.6									11	11	39
50/ 49		.3	.6	.9	1.6	.3												12	12	46
48/ 47		.6	.3	.9														6	6	37
46/ 45			.6	.3														3	3	40
44/ 43			.3		.3													1	1	25
42/ 41																				17
40/ 39																				11
38/ 37																				2
36/ 35																				2
34/ 33																				
32/ 31																				31
30/ 29																				17
28/ 27																				22
26/ 25																				25
24/ 23																				7
22/ 21																				8
20/ 19																				4
16/ 15																				8
14/ 13																				3
12/ 11																				3
																				5
Element (X)	Σx'	Σx	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

68-74
YEARS

DEC
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
78/ 77														.6			1	1		
76/ 75									.6			1.2		.6			4	5		
74/ 73				.6					.6			3.7	.6				9	10		
72/ 71				.6					1.2	1.2	3.7						11	12		
70/ 69			.6		.6		.6	1.2	.6	3.1	2.5	1.2	1.2	.6			20	20		
68/ 67				.6			2.5	2.5	.6	1.2	4.3	1.8					22	22		
66/ 65			.6				.6	1.2	6.1	1.8			1.2				19	19	2	1
64/ 63				.6	.6	2.5	1.2	1.2	1.2	1.8	.6						15	16	1	1
62/ 61			1.8			1.8	.6	1.8	3.7	1.2							18	18	2	1
60/ 59			1.8				1.2	.6	.6								7	7	1	1
58/ 57				.6	1.2	1.2	1.2										7	7	8	2
56/ 55		.6		.6		1.8			.6								6	6	13	4
54/ 53				.6	1.8	2.5			.6								9	9	21	4
52/ 51				2.5	1.2	1.2	.6										9	9	26	
50/ 49																			20	1
48/ 47		.6			1.2	.6											4	4	20	2
46/ 45				.6													1	1	24	9
44/ 43																			10	13
42/ 41																			8	5
40/ 39																			2	7
38/ 37																			4	10
36/ 35																				15
34/ 33																				19
32/ 31																				15
30/ 29																				12
28/ 27																				17
26/ 25																				7
24/ 23																				4
22/ 21																				2
20/ 19																				6
18/ 17																				1
16/ 15																				2
10/ 9																				2
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 GILA BEND AAF ARIZONA 68-74 D+C
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
72/ 71								1.0									1	1		
70/ 69									1.0	1.0							2	2		
68/ 67						1.0	1.9		1.0	1.0							5	6		
66/ 65						1.0		1.0	1.0								3	3		
64/ 63			1.0	1.0			1.9	1.9	4.8								11	11		
62/ 61			1.0	1.9		1.0	1.0	1.0	2.9	1.0							10	10		
60/ 59			1.0	1.9	1.9		4.8	1.9									12	12	2	
58/ 57		1.9		1.0	1.9	3.8	4.8	1.9		1.0							17	17	3	
56/ 55		1.0	1.0	1.9		1.0	4.8	1.0	1.0								12	13	6	3
54/ 53					1.0	2.9	1.0	1.0									6	6	7	3
52/ 51		1.0			1.9	3.8	1.9	1.0									10	10	8	2
50/ 49					1.0	1.9											3	3	12	2
48/ 47					1.0	1.0	1.0										3	3	15	7
46/ 45				1.0	3.8	1.0											5	6	15	4
44/ 43				1.0													1	1	11	3
42/ 41				1.0		1.0											2	2	9	3
40/ 39																			7	4
38/ 37																			6	7
36/ 35																			2	4
34/ 33																			1	13
32/ 31																				11
30/ 29																				12
28/ 27																				12
26/ 25																				4
24/ 23																				2
22/ 21																				3
20/ 19																				1
18/ 17																				3
16/ 15																				1
TOTAL		3.0	3.8	10.6	12.5	18.3	22.1	11.5	10.6	4.8	1.9							104	106	104
Element (X)	Σx'	Σx		X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	245847	4761		45.8	16.456	104	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	351389	6069		57.2	6.447	106			7.9				93							
Wet Bulb	230664	4862		46.8	5.716	104							93							
Dew Point	136448	3640		35.0	9.373	104			43.8				93							

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03148 STATION GILA BEND AAF ARIZONA STATION NAME 74 YEARS DEC 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
58/ 57							10.0											1	1		
56/ 55							10.0											1	1		
52/ 51		10.0			10.0													2	2		
50/ 49		20.0																2	2	1	
48/ 47					10.0													1	1	2	2
46/ 45					20.0													2	2		1
44/ 43					10.0													1	1	3	
42/ 41																				1	
38/ 37																				2	
36/ 35																				1	
34/ 33																					1
32/ 31																					1
30/ 29																					1
28/ 27																					2
26/ 25																					1
24/ 23																					1
TOTAL		30.0			50.0		10.0	10.0										10	10	10	10

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.	38685	583	58.3	22.843	10							
Dry Bulb	24996	493	49.3	4.662	10							93
Wet Bulb	18694	430	43.0	4.761	10							93
Dew Point	12510	342	34.2	9.508	10			55.0				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03148 GILA BEND AAF ARIZONA

68-75

STATION	STATION NAME	YEARS												
HRS (LST)		JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
03-05	MEAN S D TOTAL OBS					69.0 1		85.0 3				57.0 1	37.5 2	65.1 22.431 7
06-08	MEAN S D TOTAL OBS	40.9 7.706 344	45.5 6.818 325	50.7 6.604 374	57.7 7.916 347	69.5 8.459 364	78.5 7.088 359	85.9 5.125 311	83.6 5.162 367	75.1 7.424 339	61.2 8.343 365	48.6 6.446 396	40.3 6.704 365	61.2 17.304 4256
09-11	MEAN S D TOTAL OBS	49.9 7.426 320	56.5 6.994 304	62.9 8.485 345	71.1 8.538 309	83.8 7.880 325	91.9 6.790 317	96.0 4.962 249	94.1 4.523 272	88.3 6.922 307	74.1 8.586 326	60.1 7.587 347	49.9 7.365 335	72.3 17.898 3756
12-14	MEAN S D TOTAL OBS	62.9 6.402 295	68.2 6.749 304	72.0 10.163 354	79.8 9.204 328	92.1 7.645 313	100.0 7.282 299	103.5 5.065 278	102.6 5.048 303	97.4 6.194 303	84.2 8.616 330	72.3 7.383 340	61.7 6.491 326	82.6 16.547 3773
15-17	MEAN S D TOTAL OBS	65.3 6.738 166	71.1 6.418 137	75.2 10.312 162	81.8 9.847 132	94.6 7.352 168	104.0 7.667 143	105.3 6.178 122	104.7 4.497 157	98.6 5.646 105	85.0 10.002 124	73.4 7.026 171	64.1 6.996 166	84.2 16.892 1753
18-20	MEAN S D TOTAL OBS	59.8 5.913 91	65.5 6.565 112	68.9 9.417 90	74.2 7.517 118	88.8 6.269 96	95.0 6.658 111	101.7 6.415 74	97.9 7.083 90	92.1 7.338 73	78.0 8.822 94	64.0 6.441 104	57.2 6.447 106	77.6 16.514 1159
21-23	MEAN S D TOTAL OBS	55.6 1.817 5	58.1 4.300 11	65.2 6.900 12	69.6 5.891 25	81.0 4.809 25	91.1 6.143 29	94.2 4.915 26	93.0 4.160 27	77.0 1 1	72.0 3 3	61.0 4.662 1	49.8 10 10	79.4 15.308 178
	MEAN S D TOTAL OBS													
ALL HOURS	MEAN S D TOTAL OBS	53.4 11.873 1221	59.0 11.800 1193	63.8 12.681 1337	71.0 12.455 1262	83.3 12.303 1292	91.6 11.577 1258	96.4 9.206 1063	94.7 9.593 1216	88.0 11.479 1128	74.4 12.807 1242	61.8 12.102 1360	52.5 11.414 1310	73.6 19.325 14882

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULD TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03148 GILA BEND AAF ARIZONA

68-75

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
03-05	MEAN S D TOTAL OBS					50.0 1		64.7 3				50.0 1	33.0 2	51.4 14.729 7
06-08	MEAN S D TOTAL OBS	36.4 7.555 344	38.7 5.569 323	43.0 5.084 355	45.5 4.956 341	52.0 5.450 364	58.4 5.511 356	68.5 5.318 310	68.8 5.817 367	60.5 7.720 339	51.9 8.737 341	42.1 5.933 335	36.3 6.028 356	50.2 12.854 4131
09-11	MEAN S D TOTAL OBS	42.2 6.887 320	45.4 5.856 304	49.6 4.734 324	52.2 4.392 303	58.2 4.608 325	63.5 4.343 314	72.0 4.008 246	72.7 5.031 272	66.2 6.327 307	58.2 7.326 302	49.2 5.853 286	42.8 6.172 326	53.5 11.575 3629
12-14	MEAN S D TOTAL OBS	49.3 6.020 293	51.2 5.436 304	53.4 4.837 335	55.4 4.155 322	60.7 4.636 313	65.7 4.007 296	73.7 3.606 275	74.8 5.016 302	69.1 5.940 301	61.7 6.272 308	55.1 5.540 284	49.7 5.605 320	59.8 10.061 3653
15-17	MEAN S D TOTAL OBS	49.9 5.838 164	52.5 5.441 137	54.6 4.577 153	54.6 4.154 132	60.0 4.735 168	64.6 4.061 142	74.2 3.449 120	74.0 4.912 157	68.2 5.987 105	61.4 6.397 121	55.1 5.443 164	49.8 5.484 163	59.4 9.712 1726
18-20	MEAN S D TOTAL OBS	47.8 5.736 89	49.9 5.790 112	50.5 4.758 90	52.7 4.066 118	58.2 4.621 96	63.1 3.991 108	72.9 3.967 74	72.5 5.934 89	66.0 7.138 71	59.4 7.318 85	50.4 5.232 95	46.8 5.716 104	56.8 10.198 1131
21-23	MEAN S D TOTAL OBS	47.6 3.647 5	46.1 4.460 11	48.7 4.519 12	49.4 3.338 28	56.2 4.200 25	61.7 4.455 29	69.5 4.022 26	68.0 5.564 27	54.0 1	54.0 2	46.0 1	43.0 4.761 10	57.6 9.956 177
	MEAN S D TOTAL OBS													
ALL HOURS	MEAN S D TOTAL OBS	43.7 8.604 1215	46.3 7.891 1191	49.4 6.510 1269	51.4 5.889 1244	57.2 5.967 1292	62.6 5.371 1245	71.6 4.838 1054	72.1 5.876 1214	65.5 7.533 1124	57.7 8.414 1159	49.5 7.747 1166	43.9 8.034 1281	55.6 11.909 14454

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03148 GILA BEND AAF ARIZONA

68-75

STATION	STATION NAME	YEARS												
HRS (LST)		JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
03-05	MEAN S D TOTAL OBS					32.0		52.0				43.0	27.5	40.9 12.158 7
06-08	MEAN S D TOTAL OBS	29.4 10.838 344	28.3 11.725 323	33.1 9.182 355	31.3 7.943 341	35.4 8.829 364	42.9 9.855 356	58.6 9.894 310	60.6 9.461 367	49.6 12.147 339	42.5 13.571 341	34.0 9.646 335	30.3 8.302 356	39.6 14.820 4131
09-11	MEAN S D TOTAL OBS	32.1 10.841 320	32.0 11.327 304	35.4 9.151 324	34.2 7.892 303	38.5 8.010 325	45.1 8.848 314	60.1 8.192 246	62.7 8.649 272	52.6 10.943 307	45.3 12.443 302	38.0 9.664 286	34.1 8.955 326	41.9 13.900 3629
12-14	MEAN S D TOTAL OBS	34.3 12.398 293	33.5 12.392 304	36.0 9.062 335	34.7 7.615 322	38.6 8.257 313	45.3 8.308 296	60.0 7.369 275	62.8 8.394 302	53.1 11.525 301	45.3 12.141 308	39.5 10.446 284	37.2 10.524 320	43.1 13.898 3653
15-17	MEAN S D TOTAL OBS	33.5 11.646 164	34.3 12.244 137	37.0 9.385 153	32.2 8.062 132	36.7 8.665 168	43.1 7.722 142	61.1 7.120 120	61.1 8.587 157	51.7 11.808 105	44.6 12.499 121	38.6 10.526 164	35.3 10.195 163	41.9 13.908 1726
18-20	MEAN S D TOTAL OBS	34.2 10.799 89	32.7 13.286 112	31.3 9.648 90	32.7 7.860 118	4.8 8.092 96	42.3 7.967 108	58.8 7.406 74	60.4 9.872 89	49.0 12.621 71	44.8 13.566 85	36.0 10.274 95	35.0 9.373 104	40.1 13.854 1131
21-23	MEAN S D TOTAL OBS	38.8 7.563 5	31.5 11.501 11	29.8 7.849 12	28.7 7.902 28	36.3 7.684 25	43.1 7.950 29	57.2 7.244 26	55.1 10.106 27	31.0 1 1	37.0 2 2	28.0 1 1	34.2 9.508 10	41.3 13.572 177
	MEAN S D TOTAL OBS													
ALL HOURS	MEAN S D TOTAL OBS	32.2 11.484 1215	31.7 12.190 1191	34.8 9.334 1269	33.1 7.985 1244	37.1 8.507 1292	44.0 8.884 1245	59.6 8.386 1054	61.5 9.051 1214	51.5 11.754 1124	44.3 12.834 1159	37.2 10.243 1166	34.0 9.736 1281	41.4 14.224 14454

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
 STATION

GILA BEND AAF ARIZONA
 STATION NAME

68-75

PERIOD

ALL
 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	99.0	94.4	77.7	57.4	44.1	27.6	17.1	5.8	1.9	47.5	1215
FEB		99.4	79.3	53.7	38.9	26.4	18.4	9.9	4.8	2.1	39.0	1191
MAR		97.8	73.0	47.6	32.6	20.6	11.8	6.9	2.9	.7	34.9	1269
APR		94.4	54.5	28.8	14.1	7.2	3.4	1.2	.6	.1	26.0	1244
MAY		91.6	43.5	9.0	3.5	1.4	.7	.4	.2	.1	20.5	1292
JUN		89.4	32.9	13.3	4.5	1.3	.5	.1	.1		19.8	1245
JUL		99.4	82.2	44.2	14.0	5.6	2.1	.9	.3		30.6	1054
AUG		100.0	83.2	48.4	25.0	10.8	5.1	2.1	.6		33.1	1214
SEP		97.6	55.9	33.7	16.9	7.6	2.5	1.1	.6	.2	27.7	1124
OCT		99.4	71.6	51.1	29.2	19.9	12.4	7.9	4.3	.8	35.6	1159
NOV		100.0	90.1	59.8	45.6	36.6	14.8	9.5	4.4	1.9	42.8	1166
DEC		100.0	96.8	85.0	70.0	46.6	34.1	27.2	19.8	11.6	55.1	1281
TOTALS		97.3	71.5	46.0	29.3	19.0	11.1	7.0	3.7	1.6	34.4	14454

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-75
PERIOD

JAN
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	00-02												
	03-05												
	06-08	100.0	99.4	97.4	91.0	79.9	60.8	42.2	22.1	6.4	65.5	344	
	09-11	99.4	98.1	92.5	73.4	50.3	32.2	19.4	9.1	3.1	53.2	320	
	12-14	97.6	90.4	59.4	33.1	17.4	11.9	7.8	2.4	1.7	37.8	293	
	15-17	98.2	82.9	47.0	25.0	12.2	7.3	4.3	1.2		33.5	164	
	18-20	98.9	95.5	69.7	41.6	24.7	13.5	9.0			40.5	89	
	21-23	100.0	100.0	100.0	80.0	80.0	40.0	20.0			54.4	5	
	TOTALS	99.0	94.4	77.7	57.4	44.1	27.6	17.1	5.8	1.9	47.5	1215	

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148 GILA BEND AAF ARIZON. 69-75 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS	
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
FEB	00-02												
	03-05												
	06-08	100.0	98.1	87.9	67.5	49.8	37.8	26.3	14.2	8.0	54.7	323	
	09-11	99.7	91.8	66.8	46.4	30.6	19.1	13.2	9.2	3.6	43.6	304	
	12-14	98.0	63.8	42.8	25.3	15.8	8.2	3.6	2.6	1.0	31.7	304	
	15-17	99.3	60.6	38.7	21.9	12.4	4.4	1.5	.7		29.3	137	
	18-20	99.1	70.5	40.2	35.7	22.3	13.4	5.4	1.8		34.0	112	
	21-23	100.0	90.9	45.5	36.4	27.3	27.3	9.1			40.9	11	
TOTALS		99.4	79.3	53.7	38.9	26.4	18.4	9.9	4.8	2.1	39.0	1191	

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70,72-75
PERIOD

APR
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02											
	03-05											
	06-08	100.0	91.2	66.3	41.3	22.0	10.0	4.7	1.8	.6	39.4	341
	09-11	99.3	67.0	35.0	18.5	6.6	3.0	1.3	.7		28.4	303
	12-14	92.5	42.9	16.8	5.6	4.0	2.2	.6			21.9	322
	15-17	81.8	30.3	10.6	5.3	1.5	.8	.8	.8		18.8	132
	18-20	96.6	52.5	26.3	6.8	1.7	.8				23.7	118
	21-23	96.4	42.9	17.9	7.1	7.1	3.6				23.7	28
TOTALS		94.4	54.5	28.8	14.1	7.2	3.4	1.2	.6	.1	26.0	1244

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148 GILA BEND AAF ARIZONA
STATION STATION NAME

69-70, 72-75
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05	100.0	100.0								25.0	1
	06-08	100.0	78.0	37.4	17.0	8.0	4.1	2.7	1.1	.5	30.8	364
	09-11	96.3	43.1	10.8	5.5	1.8	.6	.3			21.4	325
	12-14	84.7	19.2	6.1	2.2	.3					16.5	313
	15-17	76.8	8.9	2.4							13.9	168
	18-20	83.3	11.5	2.1							15.3	96
	21-23	100.0	44.0	4.0							20.5	25
TOTALS		91.6	43.5	9.0	3.5	1.4	.7	.4	.2	.1	20.5	1292

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

69-70, 72-75

PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05											
	06-08	100.0	76.4	39.3	18.8	6.7	3.1	.8	.3		30.2	356
	09-11	96.2	38.9	16.9	4.8	.6					21.5	314
	12-14	82.8	24.3	7.1	1.0	.3					16.9	296
	15-17	66.9	11.3	2.1	.7						13.5	142
	18-20	90.7	22.2	7.4	1.9						17.2	108
	21-23	100.0	24.1	6.9							19.4	29
TOTALS		89.4	32.9	13.3	4.5	1.3	.5	.1	.1		19.8	1245

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148 GILA BEND 4AF ARIZONA
STATION STATION NAME

69-70,72-75
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02											
	03-05											
	06-08	100.0	99.5	87.5	64.9	39.5	18.8	8.4	3.3		47.8	367
	09-11	100.0	92.6	67.3	34.9	14.3	4.4	.7			37.1	272
	12-14	100.0	80.8	34.8	10.9	3.6	1.0				28.6	302
	15-17	100.0	67.5	21.0	5.1	1.9	1.9	1.3			25.6	157
	18-20	100.0	77.5	39.3	15.7	5.6	4.5	2.2			30.4	89
	21-23	100.0	81.5	40.7	18.5						29.0	27
TOTALS		100.0	83.2	48.4	25.0	10.8	5.1	2.1	.6		33.1	1214

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
PERIOD

SEP
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02											
	03-05											
	06-08	100.0	97.3	74.9	49.9	29.8	11.5	4.4	2.4	.9	43.0	339
	09-11	100.0	79.8	43.6	24.1	10.1	2.3	1.0	1.0		31.7	307
	12-14	97.3	53.5	29.9	10.3	2.7	1.0	1.0	.3		25.0	301
	15-17	89.5	54.3	25.7	2.9						22.6	105
	18-20	98.6	50.7	28.2	14.1	2.8					25.0	71
	21-23	100.0									19.0	1
TOTALS		97.6	55.9	33.7	16.9	7.6	2.5	1.1	.6	.2	27.7	1124

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148
STATION

GILA BEND AAF ARIZONA
STATION NAME

68-70,72-74
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02											
	03-05											
	06-08	100.0	99.4	81.8	68.6	49.0	34.9	24.0	13.5	2.9	53.2	341
	09-11	100.0	86.4	61.9	38.4	23.2	15.2	8.3	3.0	.3	39.4	302
	12-14	99.4	62.3	34.1	17.2	12.7	7.5	3.6	1.3	.6	29.3	308
	15-17	96.7	59.5	33.9	19.0	13.2	5.0	4.1	3.3	.8	28.5	121
	18-20	100.0	71.8	44.7	31.8	21.2	11.8	7.1	4.7		35.0	85
	21-23	100.0	50.0	50.0							28.0	2
	TOTALS	99.4	71.6	51.1	29.2	19.9	12.4	7.9	4.3	.8	35.6	1159

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

03148 GILA BEND AAF ARIZONA
STATION NAME

68-74
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02											
	03-05	100.0	100.0	100.0	100.0	50.0	50.0	50.0	50.0	50.0	73.0	2
	06-08	100.0	99.4	97.8	95.8	84.0	68.8	47.5	31.2	16.0	69.7	356
	09-11	100.0	99.7	94.5	81.3	57.7	41.4	28.2	12.0	2.0	57.4	326
	12-14	100.0	93.1	70.9	48.1	28.1	19.7	13.8	5.6	.6	43.8	320
	15-17	100.0	86.5	58.3	35.0	16.6	10.4	8.6	4.9	.6	37.8	163
	18-20	100.0	99.0	83.7	50.0	29.8	18.3	12.5	4.8	1.0	45.8	104
	21-23	100.0	100.0	90.0	80.0	60.0	30.0	30.0	30.0	10.0	58.3	10
TOTALS		100.0	96.8	83.0	70.0	46.6	34.1	27.2	19.8	11.6	55.1	1281

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 APPLICATIONS CENTER

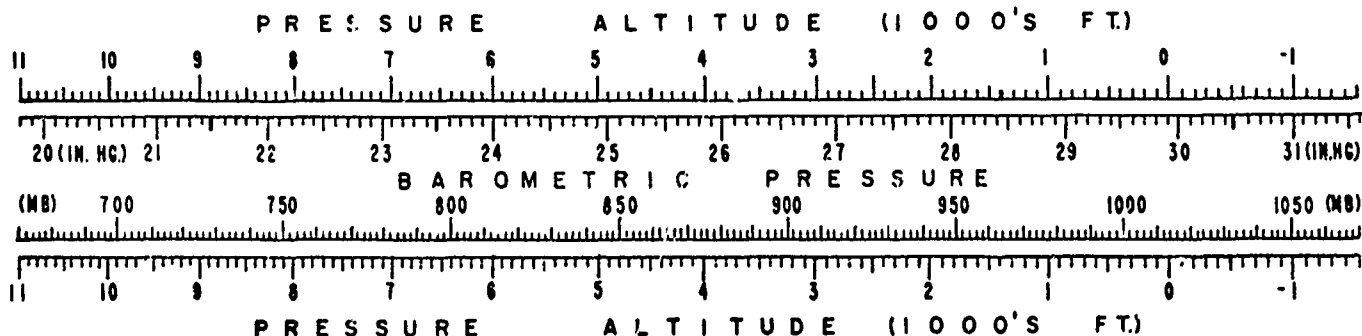
PART F PRESSURE SUMMARY

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. **DATA NOT AVAILABLE**

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.



14-
2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03148 GILA BEND AAF ARIZONA 71-75

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN S D TOTAL OBS													
05	MEAN S D TOTAL OBS					29.470		29.607				29.510	29.795	29.627 .152 7
08	MEAN S D TOTAL OBS	29.822 .146 76	29.790 .107 73	29.686 .107 85	29.667 .096 81	29.604 .096 87	29.567 .081 84	29.635 .065 63	29.618 .064 78	29.624 .080 53	29.696 .099 58	29.632 .279 83	29.660 .326 69	29.666 .168 890
11	MEAN S D TOTAL OBS	29.875 .144 39	29.801 .096 40	29.693 .118 43	29.674 .097 38	29.598 .098 57	29.566 .090 59	29.646 .070 35	29.618 .065 37	29.644 .070 31	29.706 .108 19	29.772 .132 34	29.845 .121 33	29.692 .142 465
14	MEAN S D TOTAL OBS	29.781 .135 72	29.745 .100 68	29.654 .149 88	29.620 .090 74	29.547 .093 79	29.518 .088 62	29.551 .065 58	29.559 .062 72	29.572 .082 51	29.641 .096 52	29.615 .261 75	29.639 .303 65	29.623 .167 816
17	MEAN S D TOTAL OBS	29.830 .081 5	29.708 .049 5	29.517 .146 6	29.577 .094 7	29.459 .094 19	29.428 .100 18	29.499 .050 8	29.499 .060 12	29.570 2	29.650 3	29.714 .093 17	29.795 .187 28	29.606 .185 130
20	MEAN S D TOTAL OBS	29.748 .149 10	29.714 .078 17	29.591 .167 13	29.589 .085 28	29.511 .089 32	29.466 .088 38	29.525 .070 28	29.514 .063 33	29.580 1	29.652 .107 13	29.711 .058 15	29.790 .075 16	29.581 .134 244
23	MEAN S D TOTAL OBS													
ALL HOURS	MEAN S D TOTAL OBS	29.814 .144 202	29.768 .103 203	29.665 .134 235	29.640 .097 228	29.565 .104 275	29.531 .098 261	29.590 .084 195	29.579 .076 232	29.608 .083 138	29.673 .102 145	29.658 .240 225	29.711 .275 213	29.646 .165 2552