AD A074663

USAFETAC/DS-79/037

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIC

AVON PARK RANGE FL WBAN# 12804
N 27 38 W 081 20 FLD ELEV 65 FT AGR WMO # 74796

PARTS A-F

POR FROM HOURLY OBS: DEC 68 - DEC 70, JAN 73 - NOV 78
POR FROM DAILY OBS: DEC 68 - NOV 78

MAY 02 1978

FEDERAL BUILDING
ASHEVILLE, N. C.

859-4820/b

79 09 11 179

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FOR THE COMMANDER

WALTER S. BURGMANN
Scientific & Technical
Information Officer

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18 SUPPLEMENTARY NOTES

19 KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statistical summary of surface weather observations for Avon Park Range, Avon Park, Florida

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

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

* Florida * Avon Park Range, FL

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.

DUE TO THE LIMITED OBSERVING PRACTICES AT AVON PARK RANGE FL, MANY HOUR-GROUPS AND CATEGORIES CONTAIN VALUES BASED ON STATISTICALLY INSIGNIFICANT OBSERVATION COUNTS AND SHOULD NOT BE USED. OTHER HOUR-GROUPS AND CATEGORIES CONTAIN VALUES BASED ON OBSERVATION COUNTS WHICH ARE BORDERLINE AND SHOULD BE USED WITH CARE. BECAUSE OF THESE PROBLEMS, WE RECOMMEND THAT ANY USE OF THIS SUMMARY BE UNDERTAKEN ONLY WITH EXTREME CAUTION.

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
- ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
- SNOWFALL
- SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
- SKYCOVER

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

PART F STATION PRESSURE
- SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

874 29048

STATION NUMBER SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	ALL SIGN	WMO NUMBER
12804	AVON PARK RANGE FLORIDA AAF	N 27 38	W 081 20	65	AGR	74796

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Avon Park Range, Florida	AAF	Dec 68	Dec 70	N 27 38	W 081 20	65	68 Ft	12-20
2	Same	Same	Jan 71	Oct 73	Same	Same	Same	Same	1-16
3	Same	Same	Nov 73	Mar 78	Same	Same	Same	Same	10
4	Same	Same	Apr 78	Nov 78	Same	Same	Same	Same	13-14

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	Dec 68	Located 100 ft NW of weather stn	GMQ-11	RO-2	17 Ft	
2	Apr 69	Same	Same	RO-362	Same	
3	Nov 78	Same	Same	Same	Same	

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

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PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02							23.7	21.1			39.5	38
	03-05		5.7				5.7	34.3	2.9			37.1	35
	06-08		4.5		.2		4.7	47.2	7.6			50.3	485
	09-11		3.6				3.6	18.5	18.5			33.4	530
	12-14	.0	3.7				3.7	2.7	11.5			13.4	514
	15-17		2.3				2.3	1.3	9.2			10.0	478
	18-20		1.8				1.8	2.7	14.4			15.8	222
	21-23							11.7	17.1			23.4	111
TOTALS		.1	2.7		.0		2.7	17.8	12.8			27.9	2413

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

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLUKTUA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02							30.9	34.6			50.6	81
	03-05		8.9				8.9	46.4	12.5			50.0	56
	06-08	.7	3.6				3.6	46.4	14.5		.7	50.9	442
	09-11	.4	3.2				3.2	12.1	21.6		.6	30.7	473
	12-14		2.8				2.8	2.1	10.4		.2	12.8	469
	15-17	.4	3.1				3.1	.7	7.8			8.5	448
	18-20	1.6	5.2				5.2	1.2	18.7			19.5	251
	21-23		5.6				5.6	9.5	25.4			47.0	126
TOTALS		.3	4.1				4.1	18.7	18.2		.2	31.3	2346

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WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.1	3.3				3.3	18.5	23.9			29.3	92
	03-05		1.4				1.4	42.0	11.6			46.4	69
	06-08	.2	2.0				2.0	40.5	14.6			47.3	501
	09-11		3.1				3.1	6.6	17.4			21.6	518
	12-14	1.4	3.5				3.5	.6	6.0			6.4	517
	15-17	.4	4.3				4.3	1.2	6.1		.2	7.3	494
	18-20	1.0	4.9				4.9	1.6	8.2			9.3	365
	21-23	1.0	4.0				4.0	2.0	13.6			13.6	199
TOTALS		.7	3.3				3.3	14.1	12.7		.0	22.7	2755

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WEATHER CONDITIONS

12804 (STATION) AVON PARK R NGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		2.6				2.6	23.1	28.2			46.2	39
	03-05		.9				.9	41.0	9.4			43.6	117
	06-08		.6				.6	38.9	26.5			51.9	499
	09-11	.6	1.4				1.4	1.8	19.3			20.5	512
	12-14	.6	2.4				2.4		7.7			7.7	505
	15-17	1.5	3.7				3.7		4.3			4.3	464
	18-20	1.7	2.5				2.5	.4	5.9			6.4	236
	21-23	1.8	2.8				2.8	2.8	17.4			20.2	109
TOTALS		.8	2.1				2.1	13.5	14.8			25.1	2481

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WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02	1.8	1.8				1.8	40.0	18.2			49.1	55
	03-05		1.4				1.4	51.4	15.8			55.9	222
	06-08		1.5				1.5	43.0	34.5			59.3	528
	09-11	1.0	2.2				2.2	1.6	18.0			18.6	506
	12-14	6.1	5.9				5.9		8.2			8.2	512
	15-17	8.9	8.9				8.9	.3	4.8			5.1	394
	18-20	9.2	9.1				9.1		5.1			5.1	253
	21-23	5.0	9.4				9.4	1.4	12.2			12.2	139
TOTALS		4.1	5.0				5.0	17.2	14.6			26.7	2609

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WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 09-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		.9				.9	29.9	17.9			37.6	117
	03-05	.4	.4				.4	37.6	13.5			41.6	274
	06-08	1.1	2.9				2.9	29.8	20.2			38.2	526
	09-11	1.0	2.9				2.9	.4	9.6			9.8	512
	12-14	8.0	8.6				8.6	.6	7.8			8.4	514
	15-17	20.8	17.5				17.5	.8	7.5			8.4	371
	18-20	14.8	12.0				12.0	3.2	8.8			12.0	284
	21-23	1.9	5.0				5.0	9.4	10.1			17.6	159
TOTALS		6.0	6.3				6.3	14.0	11.9			21.7	2757

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02							24.4	11.5			29.5	78
	03-05		.4				.4	34.7	12.0			37.1	259
	06-08	.4	.2				.2	23.5	21.9			38.4	515
	09-11	.8	1.6				1.6	.2	12.0			12.0	491
	12-14	11.4	7.0				7.0		5.8			5.8	501
	15-17	19.4	14.5				14.5		4.4			4.4	317
	18-20	19.2	17.4				17.4	.4	4.0			4.5	224
	21-23	1.0	1.6				1.6	1.6	8.2			9.8	122
TOTALS		6.1	5.3				5.3	11.2	10.0			17.7	2507

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02		.8				.8	15.3	9.3			15.3	118
	03-05	.9	.9				.9	26.0	10.9			27.7	350
	06-08	.2	.5				.5	31.1	24.0			40.8	566
	09-11	.7	1.1				1.1	.7	8.7			8.7	549
	12-14	12.8	4.3				9.3	.2	6.5			6.7	538
	15-17	17.4	14.1				14.1		6.4			6.4	327
	18-20	13.0	12.0				12.0	1.1	4.3			4.9	184
	21-23	3.2	4.5				4.5	3.9	9.1			9.1	154
TOTALS		6.1	5.4				5.4	9.8	9.9			15.0	2786

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12904 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		1.1				1.1	25.8	23.6			38.2	89
	03-05							37.6	13.6			38.0	213
	06-08		1.2				1.2	42.7	26.3			49.7	513
	09-11		1.6				1.6	1.4	13.1			13.9	488
	12-14	5.0	5.4				5.4		9.4			9.4	502
	15-17	14.1	8.2				8.2		7.6			7.6	341
	18-20	13.8	5.9				5.9	.5	11.1			11.1	253
	21-23	2.9	2.2				2.2	7.9	20.1			20.9	139
TOTALS		4.5	3.2				3.2	14.5	15.6			23.6	2538

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		5.3				5.3	21.1	36.8			36.8	19
	03-05		2.5				2.5	38.3	4.9			38.9	162
	06-08		1.4				1.4	37.5	18.2			43.7	506
	09-11	.2	2.5				2.5	3.1	12.5			13.5	510
	12-14	.4	4.9				4.9	.8	3.9			4.7	513
	15-17	1.4	7.5				7.5		2.1			2.1	429
	18-20	2.0	5.9				5.9		4.4			4.4	270
	21-23	2.0	9.0				9.0	2.6	10.3			10.3	78
TOTALS		1.0	4.9				4.9	12.9	11.6			19.3	2487

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH 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							10.0	20.0			40.0	10
	03-05		1.6				1.6	42.9	14.3			44.4	63
	06-08		1.3				1.3	46.9	15.9			51.6	465
	09-11		1.2				1.2	9.2	14.5			20.5	488
	12-14		2.5				2.5	1.4	6.6			7.4	488
	15-17	.2	3.4				3.4	.7	5.4			5.9	444
	18-20	.9	3.2				3.2	2.3	7.3			7.7	220
	21-23	1.5							9.1			9.1	66
TOTALS		.2	1.7				1.7	14.2	11.6			22.1	2244

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02							41.5	17.1			41.5	41
	03-05		2.3				2.3	36.4	13.6			43.2	44
	06-08	.4	3.5				3.5	45.6	12.6			50.3	485
	09-11	.0	4.4				4.4	12.6	16.[illegible]			25.9	501
	12-14	.4	5.5				5.5	2.9	7.0			9.6	488
	15-17		2.8				2.8	2.3	6.7			9.0	431
	18-20		2.0				2.0	2.4	9.4			11.4	245
	21-23							9.7	10.7			17.5	103
TOTALS		.2	2.6				2.6	19.2	11.7			26.1	2338

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (YEARS) ALL (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	2.7		.0		2.7	17.8	12.8			27.9	2413
FEB		.4	4.1				4.1	18.7	18.2		.2	31.3	2340
MAR		.7	3.3				3.3	14.1	12.7		.0	22.7	2755
APR		.8	2.1				2.1	13.5	14.8			25.1	2481
MAY		4.1	5.0				5.0	17.2	14.6			26.7	2609
JUN		6.0	6.3				6.3	14.0	11.9			21.7	2757
JUL		6.7	5.3				5.3	11.2	10.0			17.7	2507
AUG		6.1	5.4				5.4	9.8	9.9			15.0	2786
SEP		4.2	3.2				3.2	14.5	15.6			23.6	2538
OCT		1.0	4.9				4.9	12.9	11.6			19.3	2487
NOV		.4	1.7				1.7	14.2	11.6			22.1	2244
DEC		.2	2.6				2.6	18.2	11.7			26.1	2338
TOTALS		2.0	3.9		.0		3.9	14.8	13.0		.0	23.3	30261

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
12804	AVON PARK RANGE FLORIDA	9-76	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.7	20.2		.5		20.7	64.4	39.9			69.1	188
FEB		4.8	24.8				24.8	58.8	41.8			66.1	165
MAR		6.4	15.4				15.4	53.7	40.4			61.7	188
APR		6.4	12.2				12.2	56.4	51.7			65.1	172
MAY		27.7	32.8			.6	32.8	79.7	62.1			6[illegible].7	177
JUN		47.6	50.8				50.8	61.5	44.9			67.9	187
JUL		55.2	50.6			.6	50.6	50.0	34.3			57.0	172
AUG		52.1	52.7				52.7	55.3	38.8			60.1	188
SEP		32.2	39.8			.6	39.8	60.2	46.8			62.0	171
OCT		11.2	24.9				24.9	52.1	39.6			56.2	169
NOV		2.9	19.4				19.4	57.1	41.2			63.5	170
DEC		2.6	20.8				20.8	52.6	37.7			58.4	154
TOTALS		21.0	30.4		.0	.1	30.4	58.5	43.3			64.1	2101

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

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:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

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GLOBAL CLIMATOLOGY BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

12804 — STATION
AVON PARK RANGE FLORIDA — STATION NAME
-8-7- — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	65.3	8.0	2.7	9.6	3.2	4.8	3.7	1.6	2.1					27.2	188		4.94	.22
FEB	61.6	3.7	3.7	5.5	4.3	7.3	2.5	3.0	2.4					34.8	164		3.01	1.04
MAR	71.6	6.5	2.2	5.4	1.1	4.3	3.2	3.2	3.2					22.6	184		3.90	.04
APR	79.1	3.5	.6	3.5	1.2	1.7	4.1	4.7	1.7					17.4	172		4.76	.20
MAY	53.1	7.3	2.3	9.5	4.5	4.0	5.1	7.3	5.5	2.3				39.5	177		11.14	1.77
JUN	39.6	3.9	2.6	6.6	6.1	6.6	10.5	8.9	11.0	2.2	1.1			54.4	181		8.24	5.19
JUL	27.2	4.1	4.0	6.2	3.6	11.3	11.3	13.8	13.3	2.1	.5			68.7	195		18.75	5.99
AUG	31.3	5.5	6.0	10.6	6.9	12.9	7.6	9.7	9.2					63.1	217		12.04	1.83
SEP	42.6	7.1	3.6	7.6	3.6	8.6	7.1	10.7	8.5	.5				50.3	197		8.11	1.53
OCT	62.8	6.3	1.6	7.3	5.8	2.1	6.3	3.7	3.7	.5				30.9	191		6.32	.10
NOV	69.4	7.5	4.3	5.9	2.2	3.2	2.7	2.7	2.2					23.1	186		4.41	.17
DEC	67.4	6.4	1.7	2.9	4.6	6.4	4.6	2.9	1.2					24.3	173		2.27	.43
ANNUAL	55.9	5.8	3.0	6.8	3.9	5.1	6.2	6.0	5.4	.6	.1			38.3	2227			

1210 WS FORM JUL 64 0-15-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

12806 — STATION
AVON PARK RANGE FLORIDA — STATION NAME
7-7 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PREC.P	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					
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1.4	1 5 2 4	2 5 3 4	3 5 4 4	4.5 6 4	6 5-10 4	10 5 15 4	15 5 25.4	25 5 50 4	OVER 50 4			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.6	.4													233		TRACE	.0
FEB	100.0														207		.0	.0
MAR	100.0														231		.0	.0
APR	100.0														217		.0	.0
MAY	100.0														219		.0	.0
JUN	100.0														224		.0	.0
JUL	100.0														217		.0	.0
AUG	100.0														241		.0	.0
SEP	100.0														218		.0	.0
OCT	100.0														217		.0	.0
NOV	100.0														207		.0	.0
DEC	100.0														213		.0	.0
ANNUAL	100.0	.0													2641			

1210 WS FORM JUL 64 0-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

12804 — STATION
AVON PARK RANGE FLORIDA — STATION NAME
[illegible] — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06 10	11-25	26 50	51 1 00	1 01-2 50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5-6 4	6 5-10 4	10 5-15 4	15 5-25 4	25 5 50 4	OVER 50 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25 36	37 48	49-60	61 120	OVER 120					
JAN	99.[illegible]	.4													23[illegible]			
FEB	100.0														207			
MAR	100.0														231			
APR	100.0														217			
MAY	100.0														21[illegible]			
JUN	100.0														224			
JUL	100.0														217			
AUG	100.0														241			
SEP	100.0														21[illegible]			
OCT	100.0														217			
NOV	100.0														20[illegible]			
DEC	100.0														213			
ANNUAL	100.0	.0													.642			

1210 WS FORM JUL 64 0-15-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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GLOBAL CLIMATULUGY BRANCH
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SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73,75 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.5	7.9	5.3									23.7	4.2
NNE													
NE													
ENE													
E	2.6	2.0										5.3	3.5
ESE													
SE	2.6											2.6	2.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW	2.6											2.6	3.0
NNW	5.3	2.0	10.5									18.4	6.3
VARBL													
CALM												47.4	
	23.7	13.6	12.8									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 38

USAFETAC FORM JUL 54 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,76-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	14.3	8.0	2.9									25.7	3.7
NNE	5.7											5.7	2.0
NE													
ENE													
E													
ESE	2.9											2.9	2.0
SE		2.9										2.9	6.0
SSE													
S													
SSW													
SW													
WSW													
W			2.9									2.9	10.0
WNW													
NW		2.9										2.9	5.0
NNW		14.3		2.9								17.1	5.7
VARBL													
CALM												40.0	
	22.9	28.0	5.7	2.9								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 35

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.3	7.0	5.2	.2								22.4	4.6
NNE	1.5	1.1										2.6	3.2
NE	1.5											1.5	2.4
ENE		.4										.4	4.0
E													
ESE													
SE	.2											.2	2.0
SSE	1.1	1.1	.9	.4								3.4	5.9
S	3.0	1.3	1.3									5.6	3.9
SSW		.4	.4	.2								1.1	7.8
SW		.6	.4									.6	7.3
WSW	.6	.6										.9	3.0
W	1.1	.9	.2									1.9	3.4
WNW	.2	1.5	.2	.4								2.4	6.9
NW	.4	.4	.2		.2							1.3	6.7
NNW	3.2	3.0	3.2	.6	.2							10.3	5.9
VARBL													
CALM												45.3	
	22.2	18.1	12.1	1.9	.4							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 464

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	8.1	9.1									21.5	5.8
NNE	2.3	3.0	3.0									8.9	5.4
NE	1.1	.0	1.1									2.8	4.9
ENE	.9	1.9	.8									3.2	4.6
E	1.5	1.7	1.5									4.7	5.2
ESE	1.5	.0	.6									2.8	3.9
SE	.6	.0	.0									1.9	5.0
SSE	1.5	3.0	1.1	.8								6.4	5.6
S	2.5	2.9	3.0	1.3								9.1	6.5
SSW	.6	1.9	.8									3.2	5.0
SW	.6	.4	.6									1.5	5.0
WSW	.8	.0	.4									1.9	3.9
W	1.1	.0	.8									2.5	4.5
WNW	.8	.9	.0	.8								3.0	6.9
NW	.6	1.1	1.1	.2								3.0	6.5
NNW	2.5	1.7	2.5	.4								7.0	5.5
VARBL													
CALM												16.6	
	23.0	29.1	27.9	3.4								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 530

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.1	4.5	.2								9.1	6.2
NNE	1.2	1.2	3.7	.4								6.4	6.7
NE	.6	2.3	1.2	.2								4.3	5.8
ENE	.8	1.0	1.4	.2								3.3	6.6
E	1.0	2.1	5.3	.6								9.5	7.2
ESE	1.6	1.2	.8									3.5	4.6
SE	1.6	1.0	.4	.2								3.1	4.6
SSE	1.2	2.3	3.9	.8								8.2	6.7
S	1.4	3.3	4.1	1.8								10.5	7.6
SSW	.4	1.0	.8	.2								2.9	6.5
SW	.4	1.0	1.6	.2								3.1	6.9
WSW	1.4	.4	1.0	.4								3.7	5.8
W	1.0	2.3	2.7	.2								6.2	6.5
WNW	.8	1.4	1.8	1.0								4.9	7.3
NW	.2	2.1	1.4	.2								4.5	6.6
NNW	1.8	2.7	3.5	.4								8.6	6.1
VARBL													
CALM												8.2	
	16.7	30.0	38.3	6.8								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 514

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1200-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.7	4.8									10.0	5.7
NNE	1.9	1.5	.8	.2								4.4	4.8
NE	.4	2.5	1.7	.4								5.0	6.7
ENE	1.7	1.5	2.5									5.6	5.7
E	1.9	2.1	4.8	.2								9.0	6.9
ESE	2.3	1.5	1.0									4.6	4.3
SE	1.0	.4	.4									1.7	3.1
SSE	1.7	3.3	2.9									7.9	5.5
S	4.0	2.5	1.7		.2							8.2	4.7
SSW	.8	.4	.8	.4	.4							2.9	8.1
SW	.6	1.5	1.0		.2							3.3	6.6
WSW	1.5	1.5	1.3	.2								4.4	5.5
W	1.7	2.1	2.1	1.0								6.9	6.7
WNW	.2	1.1	2.1	.6								4.6	7.6
NW	.4	1.9	1.7									4.0	5.9
NNW	2.3	2.5	2.5	.2								7.5	5.6
VARBL													
CALM												9.8	
	24.9	29.1	32.0	3.3	.8							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 478

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.8										4.1	3.1
NNE	.9	4.5	.5									5.9	5.2
NE	3.2	1.4										4.5	3.2
ENE	3.2	2.3	.5									5.9	3.4
E	3.6	3.6	.9									8.1	4.2
ESE	.9	1.8										2.7	3.5
SE													
SSE	2.3	.9	.9									4.1	4.0
S	.9	.9										1.8	3.5
SSW	1.4	.5		1.8								3.6	7.1
SW	.5	1.4										1.8	4.3
WSW	1.4											1.4	1.7
W	2.7	2.1	1.4									6.8	4.5
WNW	4.1	5.4	1.4									10.9	4.0
NW	.5	.9	.9									2.3	6.0
NNW	1.4	.9										2.3	3.2
VARBL													
CALM												33.9	
	29.0	29.6	6.3	1.8								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 221

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	3.0	1.8									9.9	4.5
NNE		.9	.9									1.8	5.5
NE	3.6	.9										4.5	3.0
ENE	1.8	1.8										3.6	3.3
E	2.7	3.9										6.3	3.3
ESE	.9											.9	2.0
SE	1.8	.9										2.7	2.7
SSE	.9	2.7										3.6	4.3
S													
SSW				1.8								1.8	14.0
SW													
WSW													
W	.9	1.8										2.7	3.3
WNW		10.0	.9									11.7	4.8
NW		.9	2.7									3.6	7.8
NNW	.9	.9	.9									2.7	5.7
VARBL													
CALM												44.1	
	18.0	28.0	7.2	1.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 111

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	5.0	5.1	.1								14.7	5.3
NNE	1.6	1.7	1.8	.1								5.4	5.4
NE	1.2	1.3	.8	.1								3.5	5.1
ENE	1.1	1.6	1.0	.0								3.3	5.1
E	1.4	1.7	2.5	.2								6.0	6.1
ESE	1.3	.0	.5									2.6	4.1
SE	.8	.5	.3	.0								1.7	4.2
SSE	1.4	2.3	1.7	.4								6.0	5.8
S	2.3	2.0	4.1	.7	.0							7.2	6.0
SSW	.5	1.0	.9	.4	.1							2.6	6.9
SW	.4	.0	.8	.0	.0							2.0	6.3
WSW	1.0	.0	.7	.1								2.4	4.9
W	1.3	1.3	1.4	.3								4.4	5.7
WNW	.8	2.1	1.1	.6								4.6	6.3
NW	.4	1.3	1.1	.1	.0							3.1	6.3
NNW	2.3	2.3	2.6	.4	.0							7.8	5.7
VARBL													
CALM												22.7	
	22.2	26.7	24.4	3.6	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2391

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-74 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.4	4.9	1.2	1.2								14.8	4.6
NNE	2.5	1.6										3.7	3.3
NE													
ENE		1.6										1.2	4.0
E	2.5											2.5	2.5
ESE													
SE	1.2											1.2	1.0
SSE	2.5	1.6										3.7	3.0
S													
SSW	2.5	1.6										3.7	2.7
SW	2.5											2.5	2.0
WSW	3.7											3.7	2.0
W	3.7											3.7	2.0
WNW	2.5	1.6										3.7	3.3
NW	3.7	1.6	1.2									6.2	4.2
NNW	6.2	3.1										9.9	3.3
VARBL													
CALM												39.5	
	40.7	16.0	2.5	1.2								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 81

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,75-78 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0400-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.4	10.7	7.1									23.2	5.0
NNE	5.4	1.8	1.8									8.9	3.8
NE													
ENE													
E													
ESE	1.8											1.8	2.0
SE													
SSE													
S	1.8											1.8	2.0
SSW	1.8											1.8	2.0
SW	1.8	1.8										3.6	3.5
WSW	1.8											1.8	3.0
W													
WNW	5.4											5.4	2.0
NW	7.1	1.8	3.6									12.5	4.1
NNW	5.4	8.9	1.8									16.1	4.7
VARBL													
CALM												23.2	
	37.5	25.0	14.3									100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 56

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0000-0800 (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	7.8	8.0	4.9									20.7	4.6
NNE	.9	1.9										2.8	3.9
NE	.5	.5	.5									1.4	4.7
ENE	.2	.5										.7	4.0
E	.5	.2										.7	3.0
ESE	.2	.2										.5	3.0
SE	.2											.2	2.0
SSE	1.2	.1	.2									2.1	3.4
S	3.1	.1	1.2	.5								5.4	4.9
SSW	1.2	.2	.5									1.9	4.5
SW	.5	.5										.9	2.8
WSW	.9	.1										1.6	3.0
W	2.8	.5										3.3	2.4
WNW	1.2	.1	.9	.2								3.1	5.5
NW	.1	1.2	.2									2.1	4.2
NNW	.3	6.8	4.5	.2								14.4	5.6
VARBL													
CALM												38.1	
	24.7	23.5	12.9	.9								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 425

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (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	8.9	9.5	1.1								22.2	6.4
NNE	1.5	3.2	5.5	.4								10.6	6.9
NE	.2	1.5	1.1	.2								2.8	6.5
ENE	.8	.0	1.3									3.0	5.2
E	.8	.0	.0									2.3	4.8
ESE	1.1	.4	1.1									2.5	5.3
SE		.0										.6	5.0
SSE	.4	.0	.4	.2								1.9	6.3
S	1.3	3.0	3.2	1.7								9.1	7.2
SSW	.4	2.1	1.1	.4								4.0	6.3
SW	.6	1.3	.8									2.8	5.0
WSW	.4	1.1	.8	.2								2.5	6.4
W	1.1	.0	.0									2.5	4.4
WNW	1.1	.0	.2									1.9	3.8
NW	2.1	3.2	2.8	.4								8.5	5.8
NNW	1.5	2.0	3.2	.4								7.8	6.4
VARBL													
CALM												14.8	
	16.7	31.1	36.2	5.1								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 472

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.0	6.4	.6								13.4	6.6
NNE	.9	2.2	4.7	.9								8.7	7.2
NE	.9	1.2	1.9	.4								4.7	6.7
ENE	1.7	2.1	.4	.2								4.5	4.7
E	.4	1.1	1.1	.6								3.2	6.9
ESE	.4	.4	1.5									2.1	7.0
SE	.2	.4	.0	.2								1.3	7.8
SSE	1.1	.0	.6	.4								2.8	6.1
S	.9	1.7	1.9	1.7								6.4	7.9
SSW	.9	1.2	2.8	1.9								6.6	8.1
SW	.9	1.7	1.9	1.1								5.5	7.4
WSW	1.1	1.7	.9	.2								4.1	5.4
W	.6	1.7	3.0									6.0	7.0
WNW	.4	2.1	2.8									5.3	6.3
NW	1.9	2.0	2.0	.4								7.7	5.9
NNW	2.1	3.0	4.9	.6								11.3	6.6
VARBL													
CALM												6.4	
	16.8	29.6	38.2	9.4								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 469

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1900-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.1	4.9	.9								9.4	5.9
NNE	1.3	3.1	3.0	.7								8.7	6.6
NE	.2	1.1	1.1	1.1								3.6	7.9
ENE	1.1	1.3	2.2	.7								5.4	6.6
E	1.1	1.3	2.0									4.5	5.9
ESE	1.3	.7	1.8									4.0	5.6
SE		.2										.2	4.0
SSE	.7	1.0	.7									2.9	5.1
S	1.1	2.2	1.8	1.1								6.2	6.9
SSW	.4	1.3	2.0	.2	.2							4.2	7.2
SW	.7	1.1	1.1	1.1								4.0	7.2
WSW	.7	2.0	2.0	.7								5.4	7.1
W	1.8	2.1	2.2	.7								7.4	5.8
WNW	2.0	3.0	2.7	.2								8.5	5.5
NW	2.2	2.0	3.0									7.8	5.7
NNW	2.7	3.3	2.5	.4								8.9	5.4
VARBL													
CALM												8.9	
	19.9	31.0	32.1	7.8	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 448

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	2.0	2.0									8.0	4.6
NNE	4.0	2.0	1.2									8.0	4.1
NE	.8	1.2	.8									2.8	4.6
ENE	1.6	2.0	.8									4.4	4.5
E	2.0	2.0	.8									5.6	3.9
ESE	1.6	.8										2.4	3.3
SE		.4	.8									1.2	7.7
SSE	.8	1.0	.8	.8								4.0	6.3
S	2.0											2.0	1.8
SSW	1.2	.4	.8									2.4	4.0
SW	1.2	.4	.4									2.0	3.2
WSW	1.6	1.6	1.2									4.0	4.7
W	3.2	4.0	.8	.4								9.2	4.4
WNW	4.0	2.8	.4									7.2	3.5
NW	2.4	.8	1.2									4.4	4.2
NNW	.8	1.6	.4									2.4	4.3
VARBL													
CALM												30.0	
	30.4	26.0	12.4	1.2								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 250

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	.0										4.8	2.8
NNE	4.0	4.0	.8									9.5	4.3
NE	3.2											3.2	2.5
ENE		.0										.8	4.0
E	.8											.8	2.0
ESE	1.6											1.6	1.5
SE													
SSE	2.4	.0	.0									4.0	4.0
S	2.4		.8									3.2	3.5
SSW	3.2											3.2	1.5
SW		.8										.8	4.0
WSW	3.2	.0										4.0	2.4
W	5.6	1.0										7.1	2.8
WNW	4.8	1.0	.8									7.1	2.9
NW	4.0	1.0										5.6	3.0
NNW	.8	2.4	.8									4.0	5.0
VARBL													
CALM												40.5	
	39.7	15.9	4.0									100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 126

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	5.3	5.1	.6								15.0	5.6
NNE	1.8	2.1	3.0	.4								7.8	6.1
NE	.6	1.0	1.0	.3								2.9	6.3
ENE	.9	1.4	.9	.2								3.2	5.3
E	.9	1.0	.8	.1								[illegible]	[illegible]
ESE	.9	.4	.9									2.2	5.2
SE	.1	.3	.2	.0								.6	6.1
SSE	.9	1.0	.5	.2								2.7	5.2
S	1.6	1.5	1.6	1.0								5.8	6.6
SSW	1.0	1.1	1.2	.5	.0							3.9	6.4
SW	.8	1.0	.8	.4								3.1	6.0
WSW	1.1	1.3	.9	.2								3.5	5.4
W	2.0	1.7	1.4	.2								5.2	5.0
WNW	1.8	1.0	1.4	.1								5.1	4.9
NW	2.1	2.1	2.1	.2								6.4	5.3
NNW	2.2	3.0	3.1	.3								9.4	5.7
VARBL													
CALM												20.3	
	22.9	27.6	24.8	4.8	.0							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2327

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-75,77 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.1										3.3	3.3
NNE	1.1											1.1	2.0
NE	3.3											3.3	2.0
ENE													
E	1.1											1.1	2.0
ESE	1.1											1.1	2.0
SE	1.1	1.1										2.2	4.0
SSE	3.3	2.6	1.1									6.7	3.7
S	3.3											3.3	1.7
SSW	1.1	1.1										2.2	3.5
SW	1.1											1.1	2.0
WSW	2.2											2.2	2.5
W	3.3	1.1										4.4	3.5
WNW	3.3	2.6										5.6	2.4
NW	1.1	4.4										5.6	4.0
NNW		2.6	2.2									4.4	6.3
VARBL													
CALM												52.2	
	28.9	15.6	3.3									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.1	4.3	1.4	1.4								17.4	4.3
NNE		1.4										1.4	5.0
NE	1.4	1.4										2.9	2.5
ENE													
E													
ESE	1.4		1.4									2.9	4.0
SE													
SSE	2.9											2.9	1.5
S	2.9	2.9	1.4	1.4								8.7	6.5
SSW	1.4	2.9										4.3	3.0
SW	4.3											4.3	2.0
WSW		1.4										1.4	6.0
W	2.9	1.4	1.4									5.8	4.3
WNW	1.4	4.3										5.8	4.0
NW		1.4										1.4	5.0
NNW													
VARBL													
CALM												40.6	
	29.0	21.7	2.8	2.9								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 69

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0000-0800 (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	7.1	5.0	2.5	.6								15.2	4.6
NNE	1.2	.0	.2									2.1	3.9
NE	1.5	.0										2.3	2.9
ENE	1.5	1.2	.2									3.1	3.7
E	.8	.0										1.5	2.9
ESE	1.0	.4										1.5	3.1
SE													
SSE	1.5	1.7	.4									3.7	4.1
S	2.9	3.2	1.2	.2								7.7	4.8
SSW	1.2	1.0		.4								2.7	4.5
SW	.2	.0										1.0	4.4
WSW	1.5	.4										1.9	2.8
W	1.9	.0	.4									3.1	3.7
WNW	.4	.0	1.2									2.5	5.9
NW	.8	1.0	.2									2.1	3.8
NNW	1.2	3.1	1.0									5.4	4.9
VARBL													
CALM												44.2	
	24.8	22.2	7.2	1.2								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 480

USAFETAC FORM NO. 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	2.7	1.7								7.9	7.5
NNE	1.4	2.0	2.9	.6								7.3	6.5
NE	1.2	.0	2.0									4.2	6.2
ENE	.8	1.2	2.1	.2								4.2	6.2
E	2.3	3.0	1.4	.4								7.3	5.2
ESE	1.2	2.7	2.0	.2								6.6	5.9
SE	.6	1.2	1.9									3.7	5.7
SSE	1.7	2.1	3.7	1.2	.2							9.5	7.0
S	3.1	5.2	7.5	2.3								18.1	7.1
SSW	1.0	1.0	1.9	.6								4.4	6.9
SW	.4	1.9	1.0	1.2								4.4	7.4
WSW	.8	1.0	.0	.2								2.5	5.7
W	.4	1.0	.4	.4								2.1	6.0
WNW	.4	1.0	.4	.4								2.1	6.7
NW	.4	1.4	1.5									3.3	6.4
NNW	1.2	2.0	2.1	.4								6.0	6.0
VARBL													
CALM												6.2	
	17.6	31.1	34.7	9.7	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 518

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.5	2.1	.6								6.0	6.8
NNE	1.2	.8	1.4	.4								3.7	6.5
NE	1.0	1.1	1.5	.2								4.4	5.9
ENE	1.0	1.1	1.4	.8								4.8	6.6
E	2.3	1.2	2.7	.8								7.0	6.2
ESE	1.7	3.1	2.1	.2								7.2	5.4
SE	.6	1.0	1.2	.2								2.9	5.8
SSE	1.9	4.1	3.3	1.7								11.0	6.8
S	1.9	6.0	8.7	2.5								19.1	7.4
SSW	1.7	1.2	1.7	.2								4.8	5.8
SW	.8	.8	1.7	.6								3.9	7.8
WSW	1.0	1.5	1.9	.4								4.8	6.6
W	.6	1.4	1.0	1.0								3.9	7.7
WNW	1.2	1.1	1.2	.2								4.3	5.2
NW	.4	1.5	1.0									2.9	5.9
NNW	.8	2.5	1.7									5.0	5.6
VARBL													
CALM												4.3	
	18.8	32.1	34.0	9.7								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 517

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1300-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.4	1.2	.2								4.9	5.1
NNE	.6	1.0	1.0	.6								4.5	7.2
NE		1.4	1.0	.4								2.8	7.5
ENE	1.0	1.0	2.4	1.4								6.5	7.6
E	2.4	3.0	3.0	1.2								10.9	6.6
ESE	1.4	2.0	1.8									5.3	5.5
SE	.6	1.4	1.8									3.8	5.9
SSE	1.6	2.4	2.0	.8								7.5	6.2
S	2.8	4.2	5.5	.8								13.6	6.3
SSW	1.0	1.4	1.8	.6								4.9	6.6
SW	1.6	1.0	1.8	.6	.2							5.3	7.4
WSW	.4	.0	2.0	1.0								4.0	8.2
W	1.6	2.0	2.0	.6								6.9	6.5
WNW	1.2	1.0	.0	.8								4.5	6.2
NW	1.0	3.6	.2									4.5	4.5
NNW	1.2	1.0	.8									3.6	4.6
VARBL													
CALM												6.7	
	20.6	31.0	31.0	9.1	.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 494

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.0	.5									1.9	4.9
NNE	.8	1.4	1.1	.3								3.6	5.9
NE	1.6	4.1	2.6	.3								8.2	5.5
ENE	.8	5.2	2.5	.3								8.8	5.9
E	4.7	5.2	3.8	.3								14.0	5.4
ESE	2.7	1.4	1.6									5.8	4.6
SE	1.1	1.1	.5									2.7	4.7
SSE	1.9	2.2	2.2									6.3	5.0
S	3.6	1.4	1.9	.3								7.1	4.5
SSW	.3	.5										.8	4.0
SW	1.4	.5	2.2									4.1	5.4
WSW	1.6	1.4	1.1									4.1	4.9
W	2.5	3.9	2.5	.3								8.8	4.9
WNW	1.9	2.6	.5	.3								4.9	4.6
NW	.3	1.1										1.4	4.2
NNW	.3	.2										.5	3.5
VARBL													
CALM												16.8	
	26.1	32.4	22.8	1.9								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 364

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.0										2.0	2.8
NNE	2.0	2.5										4.5	3.6
NE	4.0	3.5										7.5	3.3
ENE	2.5		1.0									3.5	4.1
E	6.0	1.5										7.5	2.4
ESE	1.5	2.0										3.5	3.7
SE	1.0	1.0										2.0	3.5
SSE	2.0	2.0	3.0									7.0	5.3
S	.5	1.5										2.0	4.3
SSW	2.5	1.5										4.0	3.0
SW	1.0		1.0									2.0	4.8
WSW	1.5	1.5										3.0	3.8
W	4.0	1.0										5.0	2.8
WNW	2.5	3.5	1.0									7.0	4.4
NW	1.5	1.5	1.0									4.0	4.8
NNW	.5		.5									1.0	5.5
VARBL													
CALM												34.2	
	34.2	24.1	7.5									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.4	1.7	.6								7.1	5.5
NNE	1.1	1.4	1.3	.3								4.1	6.1
NE	1.3	1.7	1.2	.1								4.4	5.3
ENE	1.1	1.0	1.5	.5								4.9	6.2
E	2.6	2.4	1.9	.5								7.4	5.5
ESE	1.5	1.7	1.4	.1								4.9	5.2
SE	.6	.7	1.0	.0								2.5	5.5
SSE	1.8	2.0	2.4	.7	.0							7.5	6.1
S	2.7	3.7	4.6	1.2								12.3	6.5
SSW	1.2	1.1	1.0	.3								3.7	5.7
SW	1.0	.7	1.2	.4	.0							3.6	6.7
WSW	1.1	1.0	1.0	.3								3.3	5.9
W	1.6	1.0	1.2	.4								4.8	5.5
WNW	1.2	1.1	.8	.3								4.0	5.3
NW	.7	1.0	.6									3.0	5.0
NNW	.9	1.7	1.2	.1								4.0	5.4
VARBL													
CALM												18.4	
	22.6	29.0	24.0	5.9	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2731

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 70-75 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.3											10.3	2.3
NNE	5.1											5.1	2.0
NE		10.3										10.3	4.0
ENE	2.6											2.6	1.0
E													
ESE	2.6											2.6	2.0
SE	2.6											2.6	1.0
SSE	2.6	5.1										7.7	3.7
S	2.6											2.6	2.0
SSW													
SW													
WSW													
W	2.6	2.0										5.1	3.0
WNW													
NW													
NNW		2.0	5.1									7.7	6.3
VARBL													
CALM												43.6	
	30.8	20.5	5.1									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 39

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.2	6.0										11.2	3.4
NNE	5.2	3.4										8.6	3.0
NE	2.6	.9										3.4	3.0
ENE	.9											.9	3.0
E													
ESE		.9										.9	5.0
SE													
SSE	.9											.9	1.0
S	1.7	.9										2.6	3.0
SSW	1.7											1.7	1.5
SW		.9	.9									1.7	6.5
WSW	3.4	.9										4.3	2.6
W	1.7											1.7	2.5
WNW		.9										.9	4.0
NW													
NNW	2.6	2.0										5.2	3.7
VARBL													
CALM												56.0	
	25.9	17.6	.9									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 116

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.0	4.0	2.5	.6								13.9	4.6
NNE	2.7	3.1	.6									6.4	4.0
NE	2.1	1.9	.2	.2								4.4	4.0
ENE	1.7	1.1	.0									4.0	4.1
E	.8	2.1	1.0									4.6	4.8
ESE	1.5	.0	.0									2.9	3.9
SE	.6	.0										1.2	3.3
SSE	1.7	1.0		.2								2.9	4.2
S	3.5	2.9	1.2									7.7	4.3
SSW	1.7	.4	2.1	.2								4.4	5.7
SW	.4		.2									.6	5.0
WSW	.8	.0	.2									1.7	3.8
W	1.0	1.5										2.5	3.3
WNW	.8	.6										1.0	2.6
NW	.6	.6	.2									1.0	3.2
NNW	2.3	2.1	1.2									5.8	4.6
VARBL													
CALM												34.9	
	28.3	24.5	11.0	1.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 481

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.1	2.0	1.4								7.6	6.4
NNE	.8	1.0	2.0	.6								5.1	6.8
NE	1.2	1.4	2.7									5.3	6.0
ENE	1.2	2.1	4.1	1.4								8.8	7.6
E	1.6	2.1	4.5	1.0								9.8	7.0
ESE	.2	1.0	4.7	.6								7.0	7.8
SE	.8	1.4	.8									2.9	5.5
SSE	1.0	2.3	4.5	.4								8.2	7.0
S	1.8	5.3	4.3	3.3								14.8	7.5
SSW	1.0	1.6	2.7	.6								5.5	6.9
SW	.6	.4	.6	.6	.4							2.5	9.5
WSW	.8	.6	1.0	.6	.4							2.9	8.8
W	1.4	1.0	.2	.2								2.7	4.1
WNW	1.0	1.4	.2									2.5	4.1
NW	.4	1.6	1.0	.2								2.7	6.6
NNW	2.7	3.1	1.8									8.2	4.9
VARBL													
CALM												3.3	
	18.4	29.4	30.4	10.7	.8							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 512

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1400-1400 (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	3.0	2.0	1.8									7.5	4.7
NNE	1.0	1.0	1.2	.2								4.2	6.0
NE	.8	1.0	2.2	.2								4.8	6.3
ENE	.8	2.0	3.2	2.0	.4							8.3	8.7
E	1.6	4.2	6.5	1.0	.4							13.7	7.6
ESE	1.0	1.0	1.4	.6								4.8	6.3
SE	.4	.4	1.0									1.8	6.4
SSE	.6	4.0	2.2	.4								7.7	6.4
S	3.2	3.6	3.8	3.0								13.1	7.1
SSW	2.6	1.0	1.0	.4								5.5	4.6
SW	.8	1.0	1.2									3.0	5.6
WSW	1.2	1.0	1.4	.6	.4							4.6	7.7
W	2.2	1.4	1.6	.4								5.5	5.6
WNW	.2	.0	1.0	.2								2.2	6.9
NW	.6	1.6	1.4	.2								3.4	6.4
NNW	2.0	3.0	2.4									7.9	5.2
VARBL													
CALM												2.2	
	21.8	32.1	33.1	9.1	1.2							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 505

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.4	1.1	.2								5.6	5.3
NNE	.4	1.3	2.2	.2	.2							4.3	7.3
NE	1.7	1.9	2.8	.2								6.7	6.2
ENE	1.3	1.1	3.2	3.4	.2							9.9	9.2
E	.9	3.2	6.2	3.2								13.6	8.3
ESE	.6	1.1	1.5	.2								4.1	6.5
SE		1.1	.4									2.2	5.6
SSE	.4	3.4	1.7	.4								6.0	6.5
S	3.0	1.9	2.6	.6								8.2	5.8
SSW	1.5	.9	.4	.4								3.2	5.7
SW	.9	1.3	1.5	.9								4.5	7.3
WSW	1.1	2.4	1.7	.4								5.6	6.5
W	1.1	1.3	1.3	.9	.2							4.7	7.2
WNW	3.4	2.2	1.1	.4								7.1	4.6
NW	1.1	2.0	.9									4.5	4.9
NNW	2.8	2.0	.9	.2								6.7	4.4
VARBL													
CALM												3.0	
	20.7	34.2	29.5	11.9	.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 464

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	1.7									4.2	5.4
NNE	.4	1.1										2.1	4.0
NE	1.3	2.5	3.4									7.2	6.4
ENE	2.5	4.1	2.1	.8								10.2	5.8
E	5.9	8.1	7.6	.8								22.5	5.9
ESE	1.3	.8	.8									3.0	4.6
SE		1.3										1.3	4.7
SSE	2.1	.8	2.1	.8								5.9	5.9
S	2.1	.8	1.3									4.2	4.1
SSW			.4									.4	7.0
SW	1.3	.4	.8									2.5	4.7
WSW	2.5	1.3	.8	.4								5.1	4.6
W	2.5	3.4	.4									6.4	3.7
WNW	1.3	3.8	1.3									6.4	4.9
NW	2.5	.4										3.0	2.3
NNW	1.7											1.7	2.0
VARBL													
CALM												14.0	
	28.8	31.4	22.4	3.0								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 236

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,75-77 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	.9										3.7	2.8
NNE	6.5											6.5	2.0
NE	7.4	2.8										10.2	3.0
ENE	3.7	2.8										6.5	3.7
E	9.3	5.6										14.8	3.1
ESE	2.8	2.8										5.6	3.2
SE	1.9											1.9	3.0
SSE		.9	2.8									3.7	7.0
S		1.9										1.9	5.5
SSW	.9											.9	1.0
SW	1.9	.9										2.8	3.3
WSW													
W	5.6	2.8										8.3	3.0
WNW	.9	2.8										3.7	4.0
NW	.9	1.9	.9									3.7	5.3
NNW	1.9											1.9	1.5
VARBL													
CALM												24.1	
	46.3	25.9	3.7									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 108

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N	3.0	3.1	1.6	.4								8.2	4.9
NNE	1.6	1.7	1.2	.2	.0							5.0	5.2
NE	1.7	1.7	1.9	.1								5.6	5.5
ENE	1.5	2.1	2.4	1.4	.1							7.5	7.4
E	2.0	3.0	4.4	1.1	.1							11.1	6.8
ESE	.9	1.4	1.7	.3								4.4	6.2
SE	.5	.7	.4									1.9	5.2
SSE	1.0	2.2	2.0	.4								5.9	5.2
S	2.6	2.7	2.5	1.4								9.5	6.4
SSW	1.5	.6	1.3	.3								3.9	5.6
SW	.7	.1	.8	.3	.1							2.6	6.8
WSW	1.2	1.0	.9	.4	.2							3.6	6.5
W	1.7	1.2	.7	.3	.0							4.2	4.9
WNW	1.2	1.4	.6	.1								3.3	4.7
NW	.8	1.1	.7	.1								2.8	5.3
NNW	2.3	2.9	1.4	.0								6.3	4.7
VARBL													
CALM												14.3	
	24.2	29.2	24.7	6.9	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2461

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-75,77-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.8										3.6	3.5
NNE	5.5	3.6										9.1	3.8
NE	1.8											1.8	2.0
ENE	1.8	1.8										3.6	4.0
E													
ESE	1.8											1.8	2.0
SE			1.8									1.8	8.0
SSE		1.8	3.6									5.5	6.7
S	1.8	1.8	3.6									7.3	5.3
SSW													
SW	1.8											1.8	2.0
WSW	3.6											3.6	1.5
W		5.5										5.5	4.3
WNW	1.8											1.8	3.0
NW	3.6											3.6	2.0
NNW	1.8		1.8									3.6	5.0
VARBL													
CALM												45.5	
	27.3	16.4	10.9									100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 55

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	2.3										6.8	2.8
NNE	3.2	1.8										5.0	2.7
NE	4.1	.5										4.5	2.5
ENE	2.3	.5										2.7	2.3
E	1.8											1.8	2.3
ESE	.9											.9	1.5
SE		.5										.5	5.0
SSE	.9											.9	1.0
S	2.3	.7	.5									3.6	3.1
SSW	1.4											1.4	1.7
SW	1.4		.5									1.8	3.5
WSW	1.4		.5									1.8	3.5
W	.9	.5										1.4	2.7
WNW	.9											.9	1.5
NW	1.4											1.4	1.3
NNW	1.4	1.4	.5									3.2	4.0
VARBL													
CALM												61.7	
	28.4	8.1	1.8									100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 222

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-0800 (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	3.6	3.1	.4									7.7	3.8
NNE	3.7	2.0	.6									6.7	3.3
NE	2.6	2.0	.2									4.9	3.3
ENE	2.8	2.0	1.0	.2								6.7	4.4
E	2.8	3.0	.0									6.3	4.0
ESE	2.0	.8	.2	.2								3.2	4.0
SE	.8	.2	.2									1.2	3.8
SSE	1.2	1.0										2.8	3.8
S	3.7	1.0	1.0	.8								7.3	4.6
SSW	1.4	1.2										2.6	3.5
SW	1.4		.4									1.8	3.7
WSW	2.6	1.0	.2	.2								3.9	3.4
W	1.2	.8										2.0	2.9
WNW	1.8	.8	.2									2.6	3.2
NW		.4										.4	5.5
NNW	1.6	1.2	.4									3.2	4.0
VARBL													
CALM												36.9	
	33.1	23.1	4.8	1.4								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 507

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.0	2.0									4.9	5.6
NNE	1.4	2.0	.8									4.9	4.7
NE	.8	2.4	1.6	.6								5.3	6.3
ENE	1.2	1.0	2.6	.8								6.3	6.7
E	2.8	3.0	4.7	1.0								12.1	6.5
ESE	2.0	3.4	1.8									7.1	4.9
SE	.6	1.4	.4	.2								2.6	4.7
SSE	2.2	3.0	3.0	.6	.2							9.5	6.2
S	2.4	4.7	5.9	.6								13.6	6.3
SSW	1.4	2.0	1.0	.2								4.5	5.7
SW	.4	1.2	.4									2.0	5.0
WSW	2.2	2.4	1.4	.8								6.7	5.9
W	2.4	.0	.8									3.8	3.7
WNW	1.8	1.0	.6									4.2	4.2
NW	.6	1.4	.4									2.4	4.7
NNW	1.4	1.4	1.2									4.0	4.8
VARBL													
CALM												6.1	
	24.5	36.0	28.5	4.7	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 506

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.1	1.6	.4								5.9	5.8
NNE	.4	3.3	1.6									5.3	5.7
NE	.2	1.0	2.1	.6								4.5	7.3
ENE	2.0	2.5	3.9	1.4								9.8	6.8
E	2.3	3.3	4.9	2.0								12.7	6.9
ESE	1.0	2.7	2.9	.2								7.0	6.0
SE	.8	.0	1.2									2.5	6.0
SSE	2.0	2.5	1.8	.8								7.0	6.1
S	2.1	2.3	3.3	1.2	.2							9.2	6.9
SSW	1.8	1.0	1.4	.2								4.3	5.4
SW	1.2	1.0	.6									3.3	4.5
WSW	1.0	2.5	2.9	.2								6.6	6.1
W	2.1	2.3	1.4	.6	.2							6.6	5.8
WNW	1.0	1.0	1.0									2.9	4.9
NW	.8	1.0	.0									2.3	4.9
NNW	2.1	2.0	1.2									5.3	4.6
VARBL													
CALM												4.7	
	22.3	32.0	32.4	7.4	.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 512

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1700 (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	3.0	.3									4.6	4.6
NNE	1.3	2.0	1.3	.3								4.8	5.6
NE	.3	1.0	5.0	1.0								7.9	8.2
ENE	.5	2.0	4.6	2.0			.3					9.4	9.1
E	.5	4.1	10.4	3.6								18.5	8.3
ESE	1.5	2.5	3.0	1.0	.3							8.4	6.9
SE	.8	.5	.5									1.8	4.4
SSE	.8	1.5	1.8	.3	.3							4.3	7.3
S	2.0	1.5	1.8	.3								5.6	5.5
SSW	.8	2.5	1.0									4.1	5.6
SW	1.8	1.0	.3									3.0	3.4
WSW	1.0	1.5	1.3									3.6	5.5
W	3.6	1.5	1.8	.3	.3							7.4	5.0
WNW	1.8	1.5	2.3									5.3	5.1
NW	1.0	.5	1.3									2.5	5.1
NNW	2.0	2.5	.3									4.6	3.7
VARBL													
CALM												4.3	
	20.6	28.4	37.1	8.6	.8		.3					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 394

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4										1.6	3.0
NNE	.4	.4	.4									1.2	4.3
NE	.8	4.0	4.3									9.1	6.2
ENE	1.6	4.7	5.1	2.0								13.4	7.1
E	5.1	9.7	10.3	.8								26.1	6.0
ESE	1.6	2.0	1.6									5.9	4.9
SE	.4	.4										.8	3.5
SSE	1.2	1.0	2.0									4.7	5.9
S	2.0	.0	2.0									4.7	4.9
SSW	2.0	.0	.8									3.6	4.0
SW	2.8	.4	.4									3.6	2.6
WSW	2.0		.8									2.8	3.6
W	3.2	2.0										5.1	3.0
WNW	.4	3.2	.8									4.3	5.2
NW	.8	.0										1.6	3.8
NNW	.8											.8	1.0
VARBL													
CALM												10.7	
	26.1	32.0	28.5	2.8								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 253

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.7	4.3										5.0	3.7
NE	2.9	5.0										8.6	4.0
ENE	2.9	1.4	.7									5.0	3.4
E	7.2	5.0										12.9	3.2
ESE	4.3	.7										5.0	2.6
SE	2.2											2.2	2.3
SSE	.7											.7	1.0
S	.7	2.6	.7	.7								4.3	6.0
SSW	1.4	.7										2.2	2.7
SW	.7		.7									1.4	5.0
WSW	1.4	1.4										2.9	3.8
W	2.2	3.0										5.8	4.4
WNW	1.4	.7	.7									2.9	4.0
NW	.7		.7	.7								2.2	8.0
NNW	1.4	.7										2.2	2.3
VARBL													
CALM												36.7	
	30.9	27.3	3.6	1.4								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 139

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.3	.9	.1								5.1	4.5
NNE	1.7	2.0	.7	.0								5.1	4.4
NE	1.4	2.1	2.0	.4								5.9	5.9
ENE	1.8	2.3	2.7	1.0			.0					7.8	6.5
E	2.7	3.9	4.0	1.2								12.3	6.4
ESE	1.7	2.1	1.0	.2	.0							5.6	5.3
SE	.7	.0	.5	.0								1.8	4.8
SSE	1.4	1.9	1.5	.3	.1							5.1	5.9
S	2.4	2.5	2.6	.6	.0							7.9	5.8
SSW	1.4	1.3	.7	.1								3.4	4.9
SW	1.3	.7	.4									2.5	3.9
WSW	1.7	1.4	1.2	.2								4.6	5.1
W	2.2	1.5	.7	.2	.1							4.6	4.5
WNW	1.4	1.6	.8									3.4	4.4
NW	.7	.7	.4	.0								1.9	4.7
NNW	1.6	1.4	.7									3.7	4.2
VARBL													
CALM												19.3	
	26.0	28.1	21.9	4.3	.2		.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2588

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7											1.7	2.5
NNE													
NE	3.4											3.4	1.5
ENE	1.7											1.7	2.0
E	1.7											1.7	2.0
ESE	3.4											3.4	1.5
SE	4.3											4.3	2.0
SSE	4.3	2.0										6.8	3.3
S	7.7	.9										8.5	2.0
SSW	3.4											3.4	2.0
SW	1.7	.9										2.6	3.0
WSW	.9	.9										1.7	3.5
W	.9											.9	2.0
WNW	.9											.9	1.0
NW													
NNW													
VARBL													
CALM												59.0	
	35.9	5.1										100.0	.9

TOTAL NUMBER OF OBSERVATIONS 117

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	.4										2.2	2.5
NNE	2.6	.1										3.3	2.3
NE	1.8	.4										2.2	2.5
ENE		.4										.4	6.0
E	.7											.7	2.5
ESE	1.1											1.1	2.0
SE													
SSE	.4	.4										.7	3.0
S	3.3	.4										3.6	2.0
SSW	1.5	.4										1.8	2.0
SW	.4											.4	3.0
WSW	2.2	.1	.4									3.3	3.2
W	.7											.7	1.5
WNW													
NW													
NNW	.7											.7	3.0
VARBL													
CALM												78.8	
	17.2	3.0	.4									100.0	.5

TOTAL NUMBER OF OBSERVATIONS 274

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	2.0										4.7	2.9
NNE	2.6	1.6										3.7	2.9
NE	2.4	1.2	.4									3.9	3.5
ENE	2.4	1.4	.2									3.9	3.3
E	2.6	1.0	.2									4.5	3.3
ESE	2.8	.4										3.2	2.3
SE	.6											.6	1.7
SSE	2.0	1.0										3.6	3.6
S	5.9	2.0	.2		.2							8.9	3.5
SSW	2.4	1.0	.4	.2	.2							4.7	4.5
SW	2.0	.6		.2								2.4	3.0
WSW	2.4	.0	.0									3.7	3.5
W	1.6	.6										1.8	2.1
WNW	.8											.8	2.0
NW	1.2											1.2	1.5
NNW	1.2	.6										1.4	2.0
VARBL													
CALM												46.9	
	35.3	15.0	6.0	.4	.4							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 507

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70, 73-78 (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	2.4	2.2	.2									4.7	3.5
NNE	2.4	2.4	.2									4.9	3.8
NE	1.6	1.2	.4									3.1	4.2
ENE	1.0	2.1	.2	.2								4.1	4.8
E	2.5	3.1	2.0	.2								8.4	5.0
ESE	2.7	2.0	.6									5.5	3.8
SE	1.8	.4	.2									2.4	2.9
SSE	1.8	2.1	.2									4.7	3.8
S	2.7	6.1	3.7	.6								13.7	5.6
SSW	4.1	2.4	1.0	.2								7.6	4.0
SW	2.2	3.3	.2									5.7	3.8
WSW	2.2	3.3	.6									6.1	4.2
W	3.3	1.4	.4									5.1	3.4
WNW	2.4	.9	.2									3.1	3.1
NW	2.0	1.2										3.1	2.9
NNW	3.7	2.0										5.7	3.2
VARBL													
CALM												12.0	
	38.6	38.0	10.2	1.2								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 510

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1600-1400 (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	2.9	1.9	.4									5.3	3.7
NNE	1.4	2.3	1.0	.2								4.9	5.0
NE	1.4	.0	2.3	.6								5.1	6.5
ENE	1.9	2.1	.8	.6								5.4	5.2
E	1.9	3.3	2.3	.2								7.8	5.7
ESE	1.2	2.1	1.6	.2	.2							5.3	5.8
SE	1.2	.6	1.0	.2								2.5	5.7
SSE	1.9	2.3	1.9	.2								6.4	5.4
S	4.1	4.5	3.3	.2								12.1	5.0
SSW	1.6	2.9	1.0	.4								5.8	5.1
SW	1.4	1.4	1.0	.2								3.9	4.
WSW	3.3	2.1	1.0	.4								7.4	4.4
W	2.1	2.1	.4	.2								5.4	4.1
WNW	1.6	1.0	.6	.2								2.9	4.2
NW	2.5	.0										3.3	2.6
NNW	3.7	3.1	.6									7.0	3.5
VARBL													
CALM												9.5	
	34.0	34.6	18.3	3.7	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 514

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70, 73-78 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1900-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.0	1.3	.3								4.9	5.2
NNE	1.6	2.4	1.1	.3								5.1	5.3
NE	.3	2.4	1.9	.5								4.9	6.6
ENE	.8	1.0	2.2	.8								5.4	7.2
E	2.4	4.3	5.9	1.6								14.3	7.1
ESE	1.1	1.0	3.0									5.7	6.5
SE	.3	1.0	.5	.3								2.7	6.3
SSE	1.3	2.4	2.4									6.2	5.4
S	4.6	5.7	5.1		.3							15.9	5.5
SSW	2.2	1.7	2.2	.3								6.5	5.6
SW	.8	.5	.5	.8	.3							3.0	8.0
WSW	1.3	.5	.5	.3								2.7	4.7
W	2.4	1.3	1.9									5.7	4.7
WNW	1.1	1.3										2.4	3.6
NW	1.9	1.3	.3									3.5	3.5
NNW	2.2	1.0	.5									4.3	3.8
VARBL													
CALM												7.0	
	25.9	32.1	27.4	5.1	.5							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 371

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (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	2.1	.4	1.1									3.5	4.2
NNE	.4											.4	2.0
NE	1.4		.4	.4								2.1	4.5
ENE	1.8	1.0	2.1									5.7	5.2
E	5.3	5.0	3.9	.7								14.9	5.4
ESE	2.8	2.5	1.8									7.1	4.5
SE	1.8	1.0										3.5	3.6
SSE	3.9	3.5	1.4									8.9	4.1
S	3.9	4.3	2.5	.4								11.0	5.1
SSW	2.5	1.4	.4									4.3	3.5
SW	.7	.4	1.1	.4								2.5	6.4
WSW	1.8	3.6	.7									5.7	4.6
W	3.2	2.0	1.1									7.1	4.0
WNW	3.2	1.1	.4									4.6	2.9
NW	.7											.7	2.5
NNW	1.4	.4										1.8	2.6
VARBL													
CALM												16.3	
	36.9	28.4	18.7	1.8								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 282

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	1.3											1.3	1.5
NNE	.6											.6	2.0
NE													
ENE	3.8											3.8	1.5
E	8.9	1.9										10.8	2.4
ESE	1.9	1.9										3.8	3.3
SE	3.2	.0										3.8	2.7
SSE	5.7	.0	.0									7.0	2.9
S	7.6	2.5										10.1	2.9
SSW	1.9	1.3										3.2	2.6
SW	1.3	1.3										2.5	3.0
WSW	3.8	.0										4.4	2.4
W	3.2											3.2	2.4
WNW	.6											.6	1.0
NW	.6											.6	1.0
NNW	1.3											1.3	2.5
VARBL													
CALM												43.0	
	45.6	10.9	.0									100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 158

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.4	.4	.0								4.1	3.6
NNE	1.7	1.0	.4	.1								3.6	4.1
NE	1.5	.7	.9	.2								3.5	4.9
ENE	1.6	1.0	.7	.3								4.2	4.9
E	2.9	2.7	2.0	.4								8.1	5.3
ESE	2.0	1.4	1.0	.0	.0							4.6	4.5
SE	1.2	.0	.8	.1								2.2	4.1
SSE	2.2	2.1	.9	.0								5.3	4.3
S	4.5	4.0	2.3	.2	.1							11.1	4.7
SSW	2.5	1.0	.8	.2	.0							5.2	4.4
SW	1.4	1.1	.4	.2	.0							3.2	4.6
WSW	2.3	1.0	.6	.1								4.8	4.1
W	2.3	1.3	.5	.0								4.1	3.7
WNW	1.4	.0	.1	.0								2.2	3.3
NW	1.4	.5	.0									2.0	2.7
NNW	2.2	1.6	.1									3.5	3.3
VARBL													
CALM												28.3	
	33.4	24.0	11.5	1.9	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2733

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	2.6											2.6	1.5
NE													
ENE		3.0										3.8	4.0
E	1.3											1.3	2.0
ESE		1.3										1.3	6.0
SE	1.3											1.3	3.0
SSE		1.3										1.3	6.0
S	9.0	1.3										10.3	2.4
SSW	3.8											3.8	2.0
SW	1.3											1.3	2.0
WSW	1.3											1.3	1.0
W	2.6											2.6	1.5
WNW													
NW													
NNW													
VARBL													
CALM												69.2	
	23.1	7.1										100.0	.8

TOTAL NUMBER OF OBSERVATIONS 78

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4											.4	2.0
NNE	2.7											2.7	2.0
NE	.8	.4										1.2	2.3
ENE	1.2	.4										1.6	3.3
E	1.9											1.9	1.8
ESE	.8											.8	3.0
SE													
SSE	.4	.4	.4									1.2	4.7
S	3.1	.4										3.5	2.1
SSW	.8											.8	1.5
SW													
WSW													
W	.4											.4	2.0
WNW													
NW													
NNW													
VARBL													
CALM												85.7	
	12.4	1.2	.4									100.0	.3

TOTAL NUMBER OF OBSERVATIONS 258

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8											1.8	1.9
NNE	1.6	1.2										2.8	2.9
NE	1.4	.6										2.0	3.2
ENE	2.8	1.0	.4									4.8	3.5
E	2.8	1.4	.2									4.4	3.0
ESE	1.6	1.4										3.0	3.2
SE	.6	.2										.8	2.5
SSE	1.6	.8										2.4	3.0
S	5.4	2.0	.2									8.2	2.9
SSW	2.8	.6										3.4	3.0
SW	1.8	.6										2.4	2.9
WSW	2.2	.8										3.0	2.7
W	.8	.2	.2									1.2	3.2
WNW	.4											.4	2.0
NW	.6											.6	1.7
NNW	1.6											1.6	2.3
VARBL													
CALM												57.0	
	29.9	12.0	1.0									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 498

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.4										2.2	2.8
NNE	1.4	.0	.2									2.2	3.8
NE	.4											.4	2.0
ENE	1.2	1.0	1.2	.4								4.7	5.7
E	4.3	1.2	1.0									6.5	3.8
ESE	3.5	5.3	.4	.2								9.4	4.1
SE	.8	1.0	.4									2.9	4.6
SSE	2.6	3.9	.8	.2								7.1	4.4
S	5.1	7.1	4.9									17.3	5.1
SSW	4.9	1.0	1.6									8.1	4.0
SW	1.0	3.3	.4									4.7	4.5
WSW	3.9	2.0	.6									7.1	3.5
W	1.2	2.0	1.0									4.3	5.1
WNW	1.6	1.0	.4									3.1	3.6
NW	.8	.0										1.4	3.0
NNW	3.3	.0	.2									4.1	3.1
VARBL													
CALM												14.5	
	37.5	34.4	12.8	.8								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 491

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.0	.4									3.6	3.6
NNE	2.6	2.0	.6	.6								5.8	4.9
NE	.2	1.0	.4	.2								1.8	5.9
ENE	.8	2.4	3.6									6.8	6.6
E	3.0	3.6	1.8	.4								8.4	5.2
ESE	1.4	2.4	1.0									5.4	5.3
SE	1.2	.8	.4	.2	.2							2.8	6.0
SSE	2.2	2.6	.8	.4		.2						5.8	5.5
S	4.2	6.0	4.0									14.8	5.1
SSW	2.0	3.4	1.2									6.6	4.6
SW	.8	2.6										3.0	4.4
WSW	3.4	2.0	1.0									6.4	4.0
W	3.0	2.4	1.0									6.4	3.9
WNW	1.0	1.0	.6	.2								3.2	4.8
NW	1.6	1.0	.2		.2							3.6	4.3
NNW	2.2	1.0										8	3.3
VARBL													
CALM												12.0	
	31.7	36.2	17.2	2.0	.4	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 501

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1900-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.5	.6									4.7	4.3
NNE	.6	.9	.9									2.5	6.0
NE	.9	1.0	1.3	.6								4.4	6.5
ENE	1.3	1.9	2.8	.6								6.6	6.9
E	1.9	3.2	3.5									8.5	5.9
ESE	2.2	1.9	2.5	.6	.3							7.6	6.9
SE	.9	2.2	1.9									5.0	5.8
SSE	1.6	1.0	2.2	.9								6.3	6.6
S	4.7	5.0	3.2	.9	.3							14.2	5.6
SSW	1.6	1.3	1.9									4.7	5.3
SW	1.3	1.9	.9									4.1	4.5
WSW	2.5	3.2	.9									6.6	4.1
W	1.6	1.9	.9									4.4	4.8
WNW	1.9	.9	.6									3.5	3.6
NW	1.9	.9										2.8	3.7
NNW	1.3	1.3	.3									2.8	4.0
VARBL													
CALM												11.0	
	27.8	32.6	24.6	3.8	.6							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 317

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.4									1.3	5.0
NNE	1.3	.4	.9									2.7	4.7
NE	.4	1.3	.9									2.7	5.2
ENE	2.2	.9	1.3	.4								4.9	5.0
E	3.6	3.1	1.8									8.5	4.6
ESE	4.5	2.2	.4									7.1	3.4
SE	1.3	.4										1.8	2.8
SSE	.9	3.1	.4	.4								4.9	5.4
S	5.4	3.0	3.1	.4								12.5	4.9
SSW	3.6	1.3	1.8									6.7	4.3
SW	1.8	.9	2.2									4.9	5.7
WSW	2.2	1.8	.4									4.5	3.6
W	4.9	1.3	.4	.4								7.1	3.7
WNW	1.3	.9										2.2	3.6
NW	.9	.4										1.3	3.7
NNW	1.3	1.3										2.7	3.2
VARBL													
CALM												24.1	
	36.2	23.1	14.3	1.								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 224

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.0										2.5	3.3
NNE	4.1	.0										4.9	2.3
NE	3.3											3.3	1.8
ENE	2.5	.0										3.3	2.5
E	1.6		.0									2.5	3.7
ESE	.8											.8	1.0
SE	1.6											1.6	2.0
SSE	4.1											4.1	1.8
S	8.2											8.2	2.3
SSW	2.5	.0										3.3	2.3
SW	2.5											2.5	1.3
WSW	4.1											4.1	1.6
W	3.3	.0										4.1	2.4
WNW	2.5											2.5	1.7
NW													
NNW		.0										.8	4.0
VARBL													
CALM												51.6	
	42.6	4.7	.8									100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 122

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (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	1.4	.6	.2									2.4	3.4
NNE	1.9	1.0	.4	.1								3.3	4.0
NE	.8	.7	.3	.1								1.9	4.7
ENE	1.6	1.7	1.5	.2								5.0	5.4
E	2.9	1.0	1.2	.1								6.1	4.5
ESE	2.1	2.3	.8	.1	.0							5.3	4.7
SE	.9	.6	.4	.0	.0							2.2	4.9
SSE	1.8	1.0	.7	.3		.0						4.7	4.9
S	5.0	4.4	2.4	.2	.0							12.1	4.6
SSW	2.8	1.4	1.0									5.2	4.0
SW	1.2	1.3	.4									3.1	4.3
WSW	2.7	1.0	.2									4.8	3.5
W	1.9	1.3	.6	.0								3.9	4.1
WNW	1.1	.6	.2	.0								2.1	3.8
NW	.9	.6	.0		.0							1.6	3.7
NNW	1.7	.6	.1									2.5	3.2
VARBL													
CALM												33.8	
	30.7	23.4	10.7	1.2	.2	.0						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2489

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.9										2.5	2.7
NNE													
NE	1.7											1.7	1.5
ENE	4.2											4.2	1.8
E	4.2											4.2	1.8
ESE	2.5											2.5	1.3
SE													
SSE													
S	4.2	1.7										5.9	2.3
SSW	4.2	.9										5.1	2.0
SW													
WSW	.8											.8	3.0
W	.8											.8	3.0
WNW	1.7											1.7	2.0
NW	.8											.8	1.0
NNW	.8											.8	3.0
VARBL													
CALM												68.6	
	28.0	3.4										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 118

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	.9										4.0	2.7
NNE	3.1	.3										3.4	2.0
NE	3.7	.3										4.0	2.1
ENE	2.9	.3										3.1	2.2
E	.9											.9	2.0
ESE	.6											.6	1.5
SE	.6											.6	1.5
SSE	.9	.3										1.1	1.8
S	3.4											3.4	1.8
SSW	.9	.3										1.1	3.0
SW	.9	.3										1.1	2.5
WSW	.9											.9	1.7
W													
WNW	.9											.9	2.0
NW	.9											.9	2.0
NNW	1.1											1.1	1.8
VARBL													
CALM												72.9	
	24.6	2.0										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 350

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0000-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.3	.4										5.6	2.2
NNE	5.1	1.0	.4									6.7	3.0
NE	3.6	1.0	.2									5.4	3.1
ENE	2.5	3.1	.4									6.0	3.8
E	3.8	1.0	.5									5.6	3.2
ESE	2.0	.9										2.9	2.9
SE	1.8	.4										2.2	2.5
SSE	1.1	.7										1.8	3.1
S	4.2	1.0										5.4	2.8
SSW	1.3	.7	.2									2.2	3.2
SW	.7	.0	.2									1.5	3.9
WSW	1.5											1.5	2.0
W	.4	.2										.5	2.7
WNW	.4											.4	1.5
NW	.4											.4	3.0
NNW	.9	.0	.2									1.6	3.6
VARBL													
CALM												50.3	
	34.8	12.9	2.0									100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 551

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.9										2.4	3.2
NNE	1.5	.5	1.3	.2								3.5	5.5
NE	.9	2.6	1.3	.2								4.6	5.4
ENE	1.1	2.1	3.6	.4								7.8	6.5
E	4.0	4.6	3.5	.9								12.6	5.4
ESE	3.1	4.4	2.4									9.8	4.7
SE	1.6	1.0	.4									3.6	4.0
SSE	4.2	5.0	1.5									11.3	4.2
S	5.3	8.4	3.1									16.8	4.6
SSW	2.0	2.1	.4									5.1	4.0
SW	.9	1.0	.4									2.9	4.0
WSW	1.3	1.1	.4									2.7	3.9
W	1.1	.6		.2								1.5	3.6
WNW	1.1		.2									1.3	3.3
NW	.2	.1										.9	4.6
NNW	1.5	.9										2.4	3.3
VARBL													
CALM												10.9	
	31.1	37.9	14.2	1.8								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 549

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	.2	.2								3.5	4.3
NNE	.7	1.3	.6									2.6	4.7
NE	1.7	2.0	1.7	.4								6.3	5.6
ENE	2.8	2.0	4.1	.7								10.4	6.1
E	2.6	4.3	5.9	.4								13.2	6.5
ESE	3.7	3.7	1.9	.6								10.0	5.0
SE	2.4	1.7										4.1	3.1
SSE	2.8	5.2	.9									8.9	4.4
S	4.5	4.3	3.9	.2	.2							13.0	5.3
SSW	1.5	1.3	.2									3.0	3.9
SW	.7	1.3	.7									2.8	4.9
WSW	1.5	1.5	.4									3.3	4.3
W	2.0	1.7	.4									4.1	3.8
WNW	.7	.7	.4									1.9	4.7
NW	.9	.7	.4									2.0	4.3
NNW	1.7	1.7	.4									3.7	3.9
VARBL													
CALM												7.1	
	32.0	36.4	21.9	2.4	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 538

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	1.3	3.1	1.5									6.4	5.1
NNE	.9	.9										1.8	3.0
NE	1.8	2.4	1.8	.6								6.7	5.8
ENE	1.2	3.4	7.0	2.1								13.8	7.7
E	4.0	3.1	6.7	2.1	.3							16.2	7.2
ESE	2.4	2.1	2.8	.6								8.0	5.9
SE	1.2	.0	.9									2.8	5.2
SSE	1.8	3.4	1.2	.3								6.7	5.0
S	2.1	3.1	3.1									8.3	5.5
SSW	1.5	.9	.3									2.8	3.9
SW	.6	1.2	.3									2.1	4.6
WSW	1.2	.0										1.8	3.2
W	1.2	.0	.6									2.4	4.4
WNW	.9	1.2	.0									2.8	5.2
NW	.6	.3	.3									1.2	5.3
NNW	.9	1.0	.9									3.7	4.8
VARBL													
CALM												12.5	
	24.5	28.1	28.1	5.8	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 327

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	.5	.5									3.8	3.3
NNE	2.7	.5	.5	.5								4.4	4.1
NE	1.6	2.2	1.1									4.9	4.1
ENE	4.4	3.0	3.3	.5								12.0	5.0
E	5.5	4.4	3.3									13.1	4.6
ESE	6.0	1.0	.5									8.2	2.7
SE	1.6	.5		.5								2.7	5.4
SSE	1.6	2.2	.5									4.4	3.9
S	4.9	1.0										6.6	2.8
SSW	1.6	.5										2.2	2.3
SW	1.1											1.1	2.5
WSW	1.1	1.1										2.2	3.0
W	.5											.5	1.0
WNW		.5										.5	4.0
NW	1.1	.5										1.6	3.3
NNW	1.6	.5	.5									2.7	3.2
VARBL													
CALM												29.0	
	38.3	20.0	10.4	1.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 183

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3											1.3	3.0
NNE	3.9											3.9	1.5
NE	4.6											4.6	1.9
ENE	7.2	2.0										9.2	2.7
E	3.9	1.3										5.2	2.6
ESE	6.5											6.5	1.7
SE	2.6											2.6	2.0
SSE	2.6	2.0										3.2	3.6
S	6.5	.1	.7									7.8	2.7
SSW	4.6											4.6	1.9
SW	2.0	.1										2.6	2.5
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												46.4	
	45.8	7.6	.7									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 153

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.1	.3	.0								4.0	3.4
NNE	2.3	.8	.5	.1								3.7	3.6
NE	2.3	1.7	.4	.2								5.2	4.4
ENE	2.6	2.5	2.6	.5								8.3	5.5
E	3.4	2.0	3.0	.5	.0							9.5	5.5
ESE	3.0	2.2	1.2	.2								6.5	4.4
SE	1.6	.0	.2	.0								2.7	3.5
SSE	2.2	3.0	.7	.0								5.9	4.2
S	4.3	3.3	1.8	.0	.0							9.5	4.3
SSW	1.8	1.2	.2									3.1	3.4
SW	.8	.7	.3									2.0	4.0
WSW	1.2	.7	.1									2.0	3.5
W	.9	.5	.1	.0								1.6	3.7
WNW	.7	.3	.2									1.2	3.9
NW	.6	.4	.1									1.0	3.9
NNW	1.2	.7	.3									2.3	3.7
VARBL													
CALM												31.6	
	31.6	22.0	12.3	1.6	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 2769

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-75,78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	4.5											4.5	1.0
NE	2.2											2.2	1.0
ENE	2.2											2.2	2.0
E		1.1										1.1	4.0
ESE													
SE													
SSE													
S													
SSW													
SW	2.2											2.2	1.5
WSW	3.4											3.4	1.7
W													
WNW	2.2											2.2	1.5
NW	2.2											2.2	2.5
NNW													
VARBL													
CALM												79.8	
	19.1	1.1										100.0	.3

TOTAL NUMBER OF OBSERVATIONS 89

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N	5.2	1.4										6.6	2.4
NNE	3.3	.5										3.8	2.4
NE	4.2	.9										5.2	2.5
ENE	.9											.9	1.5
E	.5	.5										.9	2.5
ESE	.5											.5	1.0
SE													
SSE													
S	2.3											2.3	2.2
SSW	1.4											1.4	1.7
SW													
WSW	.5											.5	1.0
W	1.9											1.9	1.5
WNW	.5											.5	2.0
NW													
NNW	1.4	.5										1.9	2.8
VARBL													
CALM												73.7	
	22.5	3.0										100.0	.6

TOTAL NUMBER OF OBSERVATIONS 213

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0900-0800 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	2.0										6.9	2.9
NNE	3.0	1.4										5.3	2.5
NE	5.1	2.2	.4									7.7	3.1
ENE	2.6	1.2	.2									4.0	3.2
E	1.6	1.0	.6									4.0	3.9
ESE	.4	.4										.8	3.3
SE	.4											.4	2.0
SSE	.8		.4	.2								1.4	5.6
S	1.2	.4										1.6	2.9
SSW	1.2	.4										1.6	2.4
SW	.6	.0										1.2	3.0
WSW	1.0											1.0	2.0
W	1.0	.2										1.2	2.3
WNW	1.2											1.2	1.8
NW	.6											.6	2.0
NNW	.8	.0										1.6	3.3
VARBL													
CALM												59.4	
	26.7	12.1	1.6	.2								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 495

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.9	.2									6.4	3.7
NNE	2.7	1.0	.2									4.7	3.8
NE	.8	2.9	1.8									4.9	5.6
ENE	3.1	5.7	2.3	.6								11.9	5.2
E	3.7	5.4	3.3	.2								12.3	4.9
ESE	2.5	3.9	1.4									7.4	4.6
SE	.8	.0	.4									2.0	4.5
SSE	2.7	3.1	.6	.4								7.4	4.6
S	4.3	2.7	.6	.2								8.0	4.1
SSW	1.6	3.3	1.0									5.9	4.6
SW	1.2	1.0	.2									3.1	3.8
WSW	3.3	1.0	.4									5.3	3.2
W	.8	1.6										2.0	3.8
WNW	.8	.0	.2									1.8	3.6
NW	.8	.0										1.4	3.1
NNW	1.4	1.0	.4									2.9	4.1
VARBL													
CALM												12.5	
	33.2	39.0	13.1	1.4								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 488

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.4	.4									6.4	3.8
NNE	1.4	3.4	.0									5.4	4.6
NE	1.8	3.4	2.2									7.4	5.2
ENE	1.2	4.0	4.0	1.0	.2							10.4	6.7
E	2.8	5.0	3.0		.2							11.6	5.3
ESE	1.4	3.0	.2									4.6	4.1
SE	1.0	1.0	.2									2.2	4.0
SSE	3.0	4.0	1.2	.6								8.8	5.0
S	3.2	4.4	1.2	.6								9.4	4.7
SSW	2.2	1.4										3.6	3.3
SW	.6	1.0										1.6	4.0
WSW	2.2	3.0	.8									6.0	4.4
W	1.8	1.0										3.4	3.8
WNW	1.8	.0	.4									2.8	3.5
NW	1.8	1.4	.2									3.4	3.5
NNW	2.8	1.4	.2									4.4	3.3
VARBL													
CALM												9.0	
	31.5	42.4	14.5	2.2	.4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 502

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (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	3.2	2.0	2.1									7.9	4.5
NNE	2.1	1.2	1.2	.3								5.0	5.6
NE	2.1	1.5	2.6	.6								6.7	6.0
ENE	3.5	3.5	2.9	.9								10.9	5.7
E	2.6	6.2	4.4	1.8								15.0	6.4
ESE	2.1	1.0	1.5									5.3	4.5
SE	.3	.7										1.2	4.5
SSE	1.5	1.0	.3	.6								4.1	5.2
S	2.1	1.5	1.8	.3								5.6	5.5
SSW	.9	.3	.6	.3								2.1	5.6
SW	1.8	.7	.3									2.9	3.6
WSW	.9	2.1	.9									3.8	4.9
W	3.2	2.0										5.9	3.1
WNW	1.8	2.1										3.8	3.3
NW	3.5	1.5										5.0	2.5
NNW	2.1	2.1										4.1	3.7
VARBL													
CALM												10.9	
	33.4	32.3	18.8	4.7								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 341

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	.8	.0										1.6	3.8
NNE	1.6	.0										2.4	2.5
NE	3.2	5.1	.8									9.1	4.2
ENE	8.7	3.2	2.0	.4								14.2	3.8
E	6.7	6.7	.8	.4								14.6	4.1
ESE	1.6	.0	.4									2.8	3.7
SE	1.2	.4										1.6	2.5
SSE	2.0	1.6	.8									4.0	4.0
S	2.8	.0	.4									4.0	3.4
SSW	.8	.4	.4									1.6	4.0
SW	1.2											1.2	2.0
WSW	.4											.4	1.0
W	4.3											4.3	1.9
WNW	2.8	2.4										5.1	2.8
NW	1.2	.8										2.0	2.6
NNW	1.6	1.6	.8									3.6	4.9
VARBL													
CALM												27.7	
	40.7	24.9	8.3	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 253

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	.7	.1										1.4	4.0
NNE	1.4	1.4										2.9	3.3
NE	6.5	1.4										7.9	2.1
ENE	5.0	2.9										7.9	2.9
E	4.3											4.3	2.2
ESE	2.9											2.9	1.5
SE													
SSE	1.4	.1	.7									2.9	3.8
S	1.4											1.4	1.5
SSW	2.9											2.9	1.3
SW	2.2		.7									2.9	3.5
WSW	.7											.7	3.0
W	2.2	1.4										3.6	3.0
WNW	1.4											1.4	2.0
NW													
NNW	.7	1.4										2.2	4.0
VARBL													
CALM												54.7	
	33.8	10.1	1.4									100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 139

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	2.3	.4									5.7	3.6
NNE	2.5	1.7	.4	.0								4.6	3.7
NE	2.9	2.4	1.3	.1								6.7	4.3
ENE	3.1	3.1	1.9	.5	.0							8.7	5.1
E	2.9	4.0	2.0	.3	.0							9.3	5.0
ESE	1.5	1.7	.6									3.7	4.2
SE	.6	.3	.1									1.2	3.9
SSE	1.7	1.9	.6	.3								4.6	4.8
S	2.5	1.8	.6	.2								5.2	4.3
SSW	1.5	1.1	.3	.0								2.9	3.8
SW	1.0	.8	.1									1.9	3.5
WSW	1.6	1.2	.4									3.2	3.8
W	1.9	1.0										2.9	3.0
WNW	1.5	.8	.1									2.4	3.0
NW	1.3	.7	.0									2.0	2.9
NNW	1.6	1.2	.2									2.9	3.7
VARBL													
CALM												32.2	
	31.0	26.3	9.0	1.5	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2520

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69,75 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	15.8											15.8	2.3
NNE													
NE	5.3											5.3	3.0
ENE	5.3											5.3	3.0
E	10.5											10.5	2.0
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	5.3	10.5										15.8	4.3
VARBL													
CALM												47.4	
	42.1	10.5										100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 19

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	16.8	11.0	4.3									32.9	3.8
NNE	4.3	3.1	.6									8.1	3.6
NE	1.2	.0	.6									2.5	4.8
ENE													
E	.6	.0										1.2	2.5
ESE													
SE													
SSE	.6	1.6										1.9	4.0
S	.6											.6	1.0
SSW	.6											.6	2.0
SW	.6											.6	2.0
WSW													
W	1.9	.0										2.5	2.3
WNW	1.9											1.9	2.3
NW	1.2	1.6										2.5	3.3
NNW	3.1	3.1	1.9									8.1	4.2
VARBL													
CALM												36.6	
	33.5	22.4	7.5									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 161

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	14.4	13.3	4.3	.2								32.2	4.0
NNE	3.9	2.1	1.2	.6								8.4	4.6
NE	2.1	1.0	.2									3.3	3.6
ENE	1.4	.0	.2									2.3	3.2
E	1.0	1.2	.2									2.5	4.1
ESE	.4	.2										.6	2.7
SE	.6											.6	2.0
SSE	.4	.0	.4									1.4	5.0
S	.8	.4										1.2	3.0
SSW	.2											.2	2.0
SW													
WSW	.4	.2										.6	2.7
W	.8	.4										1.2	3.0
WNW	.8											.8	2.0
NW	.4	.0										1.0	3.8
NNW	3.3	6.0	.4									9.7	4.0
VARBL													
CALM												33.9	
	31.0	27.3	7.0	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 487

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	7.0	6.3									17.1	5.8
NNE	2.9	6.7	6.1	1.4	.2							17.5	6.6
NE	1.8	4.7	4.9	1.4								12.9	6.8
ENE	.4	4.3	3.3	.8								8.8	6.7
E	2.5	5.1	4.1									11.8	5.7
ESE	1.2	2.4	1.8	.2								5.5	5.6
SE	.6	.0	.6									1.8	5.4
SSE	.4	1.0	2.0	.2								4.1	6.1
S	.6	1.0	.6	.8								2.9	7.5
SSW	.4	.4	.4	.2								1.4	6.0
SW	.2											.2	3.0
WSW		.4										.4	4.5
W	1.4	1.4										2.7	3.2
WNW	.6	.6										.8	2.5
NW	.4	.0	1.0									2.0	5.5
NNW	1.8	2.7	1.4									6.1	4.8
VARBL													
CALM												4.1	
	18.0	40.4	32.4	4.9	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 510

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.9	2.9	.6								10.1	5.9
NNE	1.0	4.5	7.0	2.5								15.6	7.9
NE	.4	3.1	6.2	2.9	.4							13.1	8.8
ENE	2.3	3.1	6.0	2.1								13.6	7.3
E	1.4	5.1	4.5	.4								11.3	6.4
ESE	1.0	1.9	1.2									4.1	5.2
SE	.8	1.0	.4									2.1	4.5
SSE	.8	1.6	2.1									4.7	5.7
S	1.0	1.6	1.0	.6								4.1	6.3
SSW		.4	.6									1.0	6.4
SW	.6	.4										1.0	3.6
WSW	.2	.0	.2									1.0	5.2
W	.8	1.0	.6	.2								2.5	5.3
WNW	.8	1.6	.4									2.7	4.5
NW	2.1	1.0	.4									3.5	3.8
NNW	1.9	1.8	2.1									5.8	4.9
VARBL													
CALM												3.7	
	16.8	33.9	30.3	9.4	.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 513

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	4.1	2.8									9.6	5.1
NNE	1.4	4.7	5.4	3.0								14.7	7.8
NE	.5	6.1	9.3	3.3	.2							19.3	8.1
ENE	.9	3.3	8.2	3.5								15.9	8.2
E	1.9	4.4	4.2	1.4								11.9	6.6
ESE	1.2	1.7	1.2	.2								4.4	5.5
SE	.9	.5	.2									1.6	3.6
SSE	1.4	.7										2.3	3.1
S	.5	.1	1.2									2.3	6.5
SSW		.7	.2									1.2	6.0
SW	.2	.1										.9	4.5
WSW	.5	.2	.5									1.2	5.6
W	1.2	1.4	.2									2.8	3.9
WNW	.5	.1	.9									2.1	5.3
NW	.7	1.4	.2									2.3	4.3
NNW	2.6	1.0	.5									4.7	3.6
VARBL													
CALM												2.8	
	16.3	34.3	35.0	11.4	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 429

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	.7	2.6									6.7	4.8
NNE	6.3	4.4	5.2	.4								16.3	5.2
NE	7.0	10.0	4.1	.4								21.5	4.7
ENE	5.9	5.2	1.9									13.0	4.3
E	4.8	4.1	1.1									10.0	3.7
ESE	3.0	.7	.4									4.1	3.5
SE		.4										.4	4.0
SSE	.7	.4	.4									1.5	4.3
S													
SSW		.4										.4	5.0
SW		.4										.4	5.0
WSW													
W	1.1	1.5										2.6	3.6
WNW	1.5	.4										1.9	2.6
NW	.3											.4	2.0
NNW	.4		.4									.7	4.5
VARBL													
CALM												20.4	
	34.4	28.5	15.9	.7								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 270

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69,74-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.3	3.8	3.8									17.9	4.0
NNE	6.4	12.8	2.6									21.8	4.4
NE	3.8	2.6	1.3									7.7	3.5
ENE		3.8	1.3									5.1	5.3
E	1.3											1.3	2.0
ESE	6.4	1.3										7.7	2.5
SE													
SSE	2.6											2.6	3.0
S	1.3											1.3	2.0
SSW													
SW													
WSW													
W		1.3										1.3	5.0
WNW													
NW	2.6		1.3									3.8	4.0
NNW	3.8											3.8	2.0
VARBL													
CALM												25.6	
	38.5	25.0	10.3									100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 78

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.1	7.1	3.9	.2								17.2	4.7
NNE	3.0	4.0	4.7	1.5	.0							14.1	6.5
NE	1.9	4.1	4.5	1.5	.1							12.2	6.9
ENE	1.7	2.9	3.6	1.2								9.5	6.7
E	2.0	3.0	2.7	.3								8.0	5.7
ESE	1.3	1.4	.9	.1								3.6	4.9
SE	.6	.4	.2									1.3	4.3
SSE	.8	1.1	1.0	.0								2.9	5.2
S	.6	.7	.5	.3								2.2	6.1
SSW	.2	.4	.2	.0								.8	5.7
SW	.2	.2										.5	3.8
WSW	.2	.3	.1									.6	4.7
W	1.1	1.1	.2	.0								2.3	3.8
WNW	.8	.9	.2									1.6	3.8
NW	.9	.6	.4									2.1	4.2
NNW	2.3	2.1	1.1									6.0	4.3
VARBL													
CALM												14.6	
	23.7	32.1	24.2	5.2	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2467

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.0											10.0	3.0
NNE	30.0											30.0	2.0
NE	10.0											10.0	2.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW	10.0											10.0	2.0
WSW		10.0										10.0	5.0
W													
WNW													
NW			10.0									10.0	8.0
NNW													
VARBL													
CALM												20.0	
	60.0	10.0	10.0									100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 10

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.8	17.5	3.2	1.6								27.0	5.3
NNE	1.6	3.2										4.8	3.3
NE	3.2											3.2	2.5
ENE	3.2	3.2										6.3	3.5
E													
ESE													
SE	1.6											1.6	2.0
SSE													
S	4.8											4.8	1.7
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	6.3	4.0										11.1	3.7
VARBL													
CALM												41.3	
	25.4	28.0	3.2	1.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 63

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0800 (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	8.0	12.1	6.6	.9								27.1	5.2
NNE	3.9	1.1	.6									5.6	2.8
NE	1.8	.9										2.7	3.0
ENE	1.1	.6										1.4	3.2
E	.5	.6										.7	3.0
ESE	.2											.2	2.0
SE													
SSE		.7										.7	5.0
S	1.8	1.6	.6									3.6	3.8
SSW		.7										.7	5.0
SW													
WSW	.2											.2	2.0
W	.9											.9	1.5
WNW	.5	.6										.7	3.3
NW			.2									.2	7.0
NNW	2.7	2.9	1.4									6.6	4.4
VARBL													
CALM												49.0	
	21.6	20.9	8.2	.9								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (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	4.3	5.1	9.2	2.9								22.1	6.7
NNE	1.8	5.1	4.1	.4								12.1	5.8
NE	2.0	1.4	2.7									6.1	5.4
ENE	1.2	3.1	1.8	.6								6.8	6.0
E	1.4	2.3	2.3									5.9	5.5
ESE	1.8	1.0	1.0									3.9	4.4
SE	.6	.0										1.2	3.5
SSE	2.3	1.0	1.8	.2								5.9	5.2
S	2.9	2.5	2.5	.8								8.6	5.8
SSW	1.2	.0	1.0									2.7	4.9
SW	.2	.0	.0									1.4	5.9
WSW	1.6	1.2	.2									3.1	3.7
W	.6	.4	.2									1.2	4.2
WNW	.2	.6	.4	.2								1.0	6.6
NW	.2	1.0	.4	.2								1.8	6.3
NNW	1.2	2.1	2.7	.6								7.2	6.2
VARBL													
CALM												8.6	
	23.8	30.1	30.9	5.9								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 488

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (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	3.3	4.7	5.4	1.4								15.6	6.6
NNE	2.3	4.7	3.8	.6								11.1	5.8
NE	.6	3.1	3.5	.2								7.4	6.8
ENE	.8	2.7	3.5	.2								7.4	6.3
E	1.0	3.7	4.1									9.0	6.3
ESE	1.2	2.0	1.6									4.9	5.3
SE	.6	.2	.4									1.2	4.5
SSE	1.2	2.3	1.8									5.3	5.7
S	.4	2.7	3.1	1.2								7.6	7.4
SSW	1.0	1.4	.4	.4								3.3	5.3
SW	.6	1.2	.8	.2								2.9	5.6
WSW	.8	1.0	.8									2.7	5.0
W	1.4	1.4	.6									3.5	4.4
WNW	.8	.0	.8	.2								2.5	5.8
NW	1.0	2.3	1.2	.2								4.7	5.4
NNW	.8	3.3	2.7	.4								7.4	6.1
VARBL													
CALM												3.7	
	18.0	38.3	34.6	5.1								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 488

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1300-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	5.9	4.5									14.4	5.3
NNE	.5	3.0	4.3	.2								8.8	6.5
NE	1.1	3.6	2.9	.2								7.4	5.9
ENE	.7	3.4	1.8	1.6								7.4	6.9
E	1.4	4.3	4.7									10.4	6.0
ESE	1.6	2.5	.9									5.0	4.5
SE	.9	.6										1.1	2.6
SSE	1.4	1.4	.7									3.4	4.7
S	2.3	1.5	1.4	.2								5.4	4.9
SSW	.5	1.4	.6									2.0	4.1
SW	.2	1.4										1.6	4.1
WSW	.9	1.1	.5									2.5	4.1
W	1.6	.7	.7	.2								3.4	4.8
WNW	2.3	1.4	.2									3.8	3.7
NW	2.7	3.6	1.8	.5								8.1	5.2
NNW	1.6	2.7	1.1									5.6	4.8
VARBL													
CALM												9.7	
	23.4	38.2	25.7	2.9								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 444

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	4.1	.9									8.2	3.7
NNE	1.4	2.0	.9	.5								5.0	5.8
NE	6.4	5.0	1.8	.5								13.7	4.2
ENE	5.9	1.0	.9									8.7	3.2
E	4.1	.9										5.0	2.3
ESE	1.8											1.8	1.8
SE													
SSE													
S	1.4											1.4	2.0
SSW		.5										.5	4.0
SW	.9											.9	2.5
WSW	1.4	.5										1.8	2.3
W	3.2	.9	.5									4.6	3.2
WNW	2.3	1.0	.9									5.0	4.0
NW	1.4		.9									2.3	4.0
NNW	1.8	1.0										3.7	3.4
VARBL													
CALM												37.4	
	35.2	19.0	6.8	.9								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 219

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,75-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	3.0	3.0									10.6	4.6
NNE	9.1	3.0	3.0									15.2	4.0
NE	4.5	1.5	1.5									7.6	3.6
ENE	1.5											1.5	2.0
E		1.5										1.5	4.0
ESE													
SE													
SSE													
S													
SSW	1.5											1.5	2.0
SW													
WSW	4.5											4.5	2.0
W	3.0											3.0	2.0
WNW	1.5		1.5									3.0	6.0
NW	6.1	4.5	1.5									12.1	4.0
NNW	3.0	3.0	1.5									7.6	5.0
VARBL													
CALM												31.8	
	39.4	16.1	16.1									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 66

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (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	4.7	6.7	5.7	1.2								18.5	5.8
NNE	2.3	3.1	2.7	.3								9.1	5.4
NE	2.1	2.3	2.2	.1								6.7	5.3
ENE	1.5	2.3	1.6	.5								6.0	5.7
E	1.3	2.4	2.3									6.0	5.6
ESE	1.2	1.2	.8									3.2	4.5
SE	.5	.2	.1									.8	3.5
SSE	1.0	1.3	.9	.0								3.3	5.3
S	1.8	1.9	1.5	.5								5.6	5.6
SSW	.6	.7	.4	.1								2.0	4.8
SW	.4	.1	.3	.0								1.4	5.0
WSW	1.0	.0	.3									2.2	3.9
W	1.4	.1	.4	.0								2.4	4.0
WNW	1.0	.1	.5	.1								2.3	4.6
NW	1.1	1.3	.9	.2								3.7	5.3
NNW	1.8	2.0	1.7	.2								6.5	5.3
VARBL													
CALM												20.3	
	23.8	30.6	22.4	3.3								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2217

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-69,73 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.3	4.9										12.2	3.2
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	4.9											4.9	1.5
S	7.3											7.3	2.3
SSW													
SW													
WSW	2.4	2.4										4.9	3.5
W	2.4											2.4	2.0
WNW		2.4										2.4	5.0
NW													
NNW	9.8	4.9										14.6	3.2
VARBL													
CALM												51.2	
	34.1	14.6										100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 41

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,74-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	15.9	4.5	4.5									25.0	4.1
NNE													
NE	4.5											4.5	2.0
ENE			2.3									2.3	8.0
E													
ESE		4.5										4.5	4.0
SE													
SSE													
S		2.3										2.3	4.0
SSW													
SW													
WSW	2.3											2.3	2.0
W		2.3										2.3	4.0
WNW	2.3											2.3	3.0
NW													
NNW	2.3	4.5										6.8	3.7
VARBL													
CALM												47.7	
	27.3	18.6	6.8									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 44

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9.8	7.0	3.8	.2								21.4	4.3
NNE	1.3											1.3	2.0
NE	1.3	.4										1.8	2.8
ENE	.2	.7	.4									1.6	5.4
E													
ESE	.9											.9	2.0
SE													
SSE	.9	.1	.4	.2								2.2	5.8
S	2.7	.9	.4									4.0	3.5
SSW	.7	.6										.9	3.0
SW	.7		.2									.9	3.8
WSW	.2		.2									.4	4.0
W	.2	.2										.4	3.5
WNW	.7	.2	.4									1.3	4.7
NW	.7	.4	.4									1.6	4.4
NNW	5.6	4.9	.4	.4								11.4	3.8
VARBL													
CALM												49.9	
	25.8	15.3	9.9	.9								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 449

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (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	5.4	9.4	7.0	.8								23.2	5.6
NNE	1.6	2.0	1.4									5.8	5.0
NE	1.6	2.4	.8									4.8	4.4
ENE	2.0	1.4	.0									4.0	4.1
E	1.2	1.0	2.0									4.8	5.5
ESE	.8	1.0	.4									2.8	4.6
SE	.6		.6									1.2	5.2
SSE	.2	1.6	.8	.8								3.0	8.3
S	2.6	2.0	2.4	1.2								8.8	6.3
SSW	1.6	2.4	.2									4.2	3.9
SW	.4	1.4	.6									2.4	5.0
WSW	.6	1.0										1.6	3.8
W	.4	.0										1.2	4.2
WNW	.4	1.0	.0									2.0	5.3
NW	.8	.8	2.0	.4								4.0	6.6
NNW	3.4	5.0	1.4									9.8	4.3
VARBL													
CALM												10.4	
	23.6	35.4	21.4	3.2								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 500

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.7	4.3	4.7	.2								13.9	5.4
NNE	1.6	2.1	1.4	.4								6.1	5.4
NE	.8	1.0	1.2									3.1	5.5
ENE	.8	.4	1.0	.2								2.5	6.2
E	2.0	1.0	4.1	.4								8.4	6.4
ESE	1.2	3.3	2.3	.2								7.2	5.8
SE	.2	.2	.9									1.0	6.0
SSE	1.0	2.3	.6	.8								4.7	6.1
S	2.5	4.9	3.9	.4								11.7	6.1
SSW	.8	1.2	1.0	1.0								4.7	6.0
SW	.6	1.0	.0									2.9	4.9
WSW	.4	2.3	2.0									4.9	6.0
W	.4	1.4	.4									2.3	5.0
WNW	1.2	1.4	2.5									5.1	6.0
NW	1.2	2.0	2.3	.2								5.7	6.1
NNW	2.5	4.1	2.3	.2								9.8	5.5
VARBL													
CALM												5.9	
	22.1	36.4	31.8	4.1								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 483

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	6.0	2.1									11.8	4.6
NNE	2.1	1.0	1.4	.5								5.6	5.4
NE	1.2	1.4	1.4	.2								4.2	5.6
ENE	2.1	2.1	1.2									5.3	4.8
E	1.0	3.2	3.2	.9								10.4	5.8
ESE	.7	1.0	.9	.2								3.5	5.7
SE		.2										.2	4.0
SSE	1.9	1.7	1.2	.2								5.1	5.3
S	2.6	2.0	1.2									6.5	4.4
SSW	.9	1.7	.7	.5								3.9	5.6
SW	.9	1.7	2.1									4.9	5.9
WSW	1.2	1.4	.2									2.8	3.7
W	.2	2.1	.2									2.6	4.6
WNW	2.1	2.3	.9									5.3	4.4
NW	3.9	3.6	1.7									9.0	4.2
NNW	3.2	3.2	2.8									9.5	4.9
VARBL													
CALM												9.3	
	29.7	37.1	21.3	2.6								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 431

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (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	4.9	2.9	.8									8.6	3.5
NNE	2.0	.0	.4									3.3	3.5
NE	4.9	1.0										6.6	2.6
ENE	1.6	.4										2.0	2.2
E	1.6	.0	.8									3.3	4.0
ESE	.8											.8	2.0
SE													
SSE	.4	.0	.4									1.6	5.0
S	1.6											1.6	2.5
SSW	.4	.4										.8	4.0
SW	1.6	1.2	.4									3.3	3.4
WSW	.8	.4										1.2	2.7
W	4.9	1.6										6.1	2.3
WNW	4.1	2.9	.4	.4								7.8	4.1
NW	2.9											2.9	2.1
NNW	2.0	1.6										3.3	3.0
VARBL													
CALM												46.7	
	34.8	14.0	3.3	.4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 244

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	7.0	1.0									11.7	4.3
NNE	1.0	1.9										2.9	4.3
NE	1.9	1.0										2.9	3.0
ENE	1.0											1.0	2.0
E													
ESE													
SE	1.0											1.0	2.0
SSE	1.0	1.9										2.9	4.0
S	2.9	1.0										3.9	2.3
SSW	1.0	1.0										1.9	3.0
SW	2.9											2.9	2.3
WSW	2.9	1.0										3.9	2.8
W	1.0											1.0	1.0
WNW	1.9	1.9										3.9	3.3
NW	1.9	1.0										2.9	3.0
NNW	2.9	2.9										5.8	3.2
VARBL													
CALM												51.5	
	26.2	21.4	1.0									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 103

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70, 73-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.9	6.4	4.0	.3								16.5	4.9
NNE	1.6	1.1	.9	.2								4.3	4.9
NE	1.7	1.3	.7	.0								3.7	4.3
ENE	1.3	1.0	.7	.0								3.0	4.7
E	1.4	1.4	2.0	.3								5.1	5.9
ESE	.8	1.3	.7	.1								3.1	5.2
SE	.2	.1	.3									.6	5.2
SSE	1.0	1.4	.7	.4								3.4	6.0
S	2.5	2.4	1.7	.3								6.9	5.3
SSW	.9	1.3	.5	.3								3.0	5.2
SW	.8	1.1	.7									2.7	4.8
WSW	.8	1.1	.5									2.4	4.5
W	.9	1.1	.1									2.1	3.8
WNW	1.4	1.4	1.0	.0								3.9	4.8
NW	1.7	1.3	1.3	.1								4.5	5.0
NNW	3.5	4.1	1.4	.1								9.2	4.4
VARBL													
CALM												25.4	
	26.4	28.1	17.3	2.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2390

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	3.0	2.3	.3								9.6	5.0
NNE	1.9	2.1	1.4	.3	.0							5.8	5.3
NE	1.6	1.8	1.5	.3	.0							5.2	5.4
ENE	1.7	2.0	1.8	.5	.0		.0					6.0	5.9
E	2.2	2.1	2.5	.4	.0							7.8	5.7
ESE	1.6	1.2	1.0	.1	.0							4.2	4.9
SE	.7	.8	.3	.0	.0							1.7	4.5
SSE	1.5	1.7	1.6	.3	.0	.0						4.8	5.3
S	2.8	2.8	2.1	.5	.0							8.0	5.4
SSW	1.3	1.1	.7	.2	.0							3.3	4.9
SW	.9	.7	.5	.1	.0							2.4	5.1
WSW	1.3	1.1	.6	.1	.0							3.1	4.7
W	1.6	1.6	.6	.1	.0							3.6	4.5
WNW	1.2	1.1	.6	.1								3.0	4.6
NW	1.1	1.1	.6	.1	.0							2.8	4.8
NNW	1.9	2.1	1.1	.1	.0							5.2	4.7
VARBL													
CALM												23.6	
	26.7	27.3	18.8	3.5	.2	.0	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 29993

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (YEARS) ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	5.5	4.0	.4								14.3	5.2
NNE	1.5	1.3	.8	.3								3.8	5.2
NE	.7	.7	.9	.1								2.0	5.3
ENE	.7	1.0	.9	.1			.1					2.8	6.1
E	.6	.9	.8	.1								2.1	6.4
ESE	.8	.9	.6		.1							2.0	5.5
SE	.1	.6		.1								.3	6.2
SSE	.8	1.3	.7	.5								3.4	6.3
S	3.1	2.3	2.5	1.0	.1							9.3	5.9
SSW	1.2	1.0	1.6	.1	.1							4.5	5.7
SW	1.0	.7	.8	.1								2.9	5.1
WSW	1.5	1.3	.4	.3								3.6	4.6
W	2.0	1.3	.8									4.0	4.1
WNW	.9	.9	.4	.1								2.0	4.8
NW	.7	1.0	.8	.1	.1							2.8	5.8
NNW	3.0	1.7	1.6	.1								6.4	4.5
V. RBL													
CALM												33.7	
	23.1	22.6	17.3	3.4	.3		.1					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1431

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73,75 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	22	21	21	21	2	2	2	25 10	2	20
NO CEILING		71.1	70.9	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
≥ 20000		71.1	70.9	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
≥ 18000		71.1	70.9	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
≥ 16000		71.1	70.9	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
≥ 14000		71.1	70.9	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		76.3	89.2	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
≥ 10000		76.3	89.2	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
≥ 9000		78.9	80.8	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
≥ 8000		78.9	80.8	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
≥ 7000		78.9	80.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	[illegible]	[illegible]	[illegible]	94.7
≥ 6000		78.9	80.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	[illegible]	94.7	94.7	94.7	94.7	94.7
≥ 5000		81.6	89.5	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
≥ 4500		81.6	89.5	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
≥ 4000		84.2	96.1	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
≥ 3500		84.2	96.1	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
≥ 3000		84.2	96.1	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
≥ 2500		84.2	96.1	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
≥ 2000		84.2	96.1	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
≥ 1800		84.2	96.1	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
≥ 1500		84.2	96.1	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
≥ 1200		84.2	96.1	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
≥ 1000		84.2	96.1	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
≥ 900		84.2	96.1	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
≥ 800		84.2	96.1	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
≥ 700		84.2	96.1	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
≥ 600		84.2	96.1	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
≥ 500		84.2	96.1	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
≥ 400		84.2	96.1	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
≥ 300		84.2	96.1	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
≥ 200		84.2	96.1	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		84.2	96.1	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
≥		84.2	96.1	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

TOTAL NUMBER OF OBSERVATIONS 38

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,76-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥7/8	≥3/4	≥5/8	≥1/2	≥3/8	≥5/16	≥1/4	≥0
NO CEILING		45.7	57.1	57.1	57.1	57.1	62.9	62.9	62.9	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000		48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000		48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000		48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000		48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000		48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000		48.6	60.0	60.0	60.0	60.0	65.7	65.7	65.7	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000		51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4
≥ 8000		51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000		51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000		51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000		51.4	62.9	62.9	62.9	62.9	68.6	68.6	68.6	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4500		54.3	65.7	65.7	65.7	65.7	71.4	71.4	71.4	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000		57.1	68.6	68.6	68.6	68.6	74.3	74.3	74.3	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500		57.1	68.6	68.6	68.6	68.6	74.3	74.3	74.3	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000		57.1	68.6	68.6	68.6	68.6	74.3	74.3	74.3	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500		60.0	71.4	71.4	71.4	71.4	77.1	77.1	77.1	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000		60.0	71.4	71.4	71.4	71.4	77.1	77.1	77.1	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800		60.0	71.4	71.4	71.4	71.4	77.1	77.1	77.1	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500		60.0	74.3	74.3	74.3	74.3	80.0	80.0	80.0	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1200		60.0	74.3	74.3	74.3	74.3	80.0	80.0	80.0	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1000		60.0	74.3	74.3	74.3	74.3	80.0	80.0	80.0	82.9	82.9	82.9	82.9	82.9	82.9
900		60.0	74.3	77.1	77.1	77.1	82.9	82.9	82.9	85.7	85.7	85.7	85.7	85.7	85.7
≥ 800		62.9	77.1	80.0	80.0	80.0	85.7	85.7	85.7	88.6	88.6	88.6	88.6	88.6	88.6
≥ 700		62.9	77.1	80.0	80.0	80.0	85.7	85.7	85.7	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600		62.9	77.1	80.0	80.0	80.0	85.7	85.7	85.7	88.6	88.6	88.6	88.6	88.6	88.6
≥ 500		62.9	77.1	80.0	80.0	80.0	85.7	88.6	88.6	91.4	91.4	91.4	91.4	91.4	91.4
≥ 400		62.9	77.1	80.0	80.0	80.0	85.7	88.6	88.6	91.4	91.4	91.4	91.4	91.4	91.4
≥ 300		62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	94.3
≥ 200		62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	97.1
≥ 100		62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	97.1
≥ 0		62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	97.1
		62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	97.1	100.0
		62.9	77.1	80.0	80.0	80.0	88.6	91.4	91.4	94.3	94.3	94.3	94.3	94.3	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 35

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	.2	32.7	39.1	39.1	44.1	44.5	46.0	48.8	49.0	51.0	53.3	53.3	54.4	54.8	57.6	59.1
≥ 20000	.2	36.3	40.2	43.2	48.2	48.6	50.1	52.9	53.1	55.3	58.1	58.1	59.4	59.8	62.4	65.6
≥ 18000	.2	36.3	40.2	43.2	48.2	48.6	50.1	52.9	53.1	55.3	58.1	58.1	59.4	59.8	62.4	65.6
≥ 15000	.2	36.3	40.2	43.2	48.2	48.6	50.1	52.9	53.1	55.3	58.1	58.1	59.4	59.8	62.4	65.6
≥ 14000	.2	36.6	40.4	43.4	48.4	48.8	50.3	53.1	53.3	55.5	58.3	58.3	59.6	60.0	62.7	65.8
≥ 12000	.2	37.4	41.7	44.7	49.7	50.3	51.8	54.6	54.8	57.0	59.8	59.8	61.1	61.5	65.2	67.3
≥ 10000	.2	38.7	43.7	47.3	52.3	52.9	54.4	57.2	57.4	59.6	62.4	62.4	63.7	64.1	67.7	69.9
≥ 9000	.2	40.6	45.6	49.2	54.2	54.8	56.3	59.1	59.4	61.5	64.3	64.3	65.6	66.0	69.7	71.8
≥ 8000	.2	41.5	46.7	50.8	55.7	56.3	57.8	60.6	60.9	63.0	65.8	65.8	67.1	67.5	71.2	73.3
≥ 7000	.2	41.5	46.7	50.8	55.7	56.3	57.8	60.6	60.9	63.0	65.8	65.8	67.1	67.5	71.2	73.3
≥ 6000	.2	42.2	47.3	51.4	56.3	57.0	58.5	61.3	61.5	63.7	66.5	66.5	67.7	68.2	71.8	74.0
≥ 5000	.2	43.0	48.2	52.3	57.2	57.8	59.4	62.4	62.6	64.7	67.5	67.5	68.8	69.2	72.9	75.1
≥ 4500	.2	43.4	48.6	52.9	58.1	58.7	60.2	63.2	63.4	65.6	68.4	68.4	69.7	70.1	73.8	75.9
≥ 4000	.2	44.7	50.2	54.6	59.8	60.4	61.9	64.9	65.2	67.3	70.1	70.1	71.4	71.8	75.5	77.6
≥ 3500	.2	46.7	52.7	57.4	62.6	63.2	64.7	67.7	68.0	70.1	72.9	72.9	74.2	74.6	78.3	80.4
≥ 3000	.2	47.3	53.3	58.1	63.2	63.9	65.6	68.6	68.8	71.0	73.8	73.8	75.1	75.5	79.6	81.9
≥ 2500	.2	48.0	54.0	58.7	63.9	64.5	66.2	69.2	69.5	71.6	74.4	74.4	75.7	76.1	80.2	82.6
≥ 2000	.2	48.6	54.8	59.6	64.9	65.6	67.3	70.3	70.5	72.7	75.5	75.5	76.8	77.2	81.3	83.7
≥ 1800	.2	49.2	55.5	60.2	65.6	66.2	68.0	71.0	71.2	73.3	76.1	76.1	77.4	77.8	81.9	84.3
≥ 1500	.2	50.3	56.6	61.3	66.7	67.3	69.0	72.0	72.5	74.6	77.6	77.6	78.9	79.4	83.4	86.0
≥ 1200	.2	51.0	57.2	61.9	67.3	68.0	69.9	72.9	73.3	75.5	78.5	78.5	79.8	80.2	84.3	86.9
≥ 1000	.2	51.8	58.3	63.4	68.8	69.5	71.6	74.6	75.1	77.2	80.2	80.2	81.5	81.9	86.0	88.6
≥ 900	.2	52.7	59.1	64.3	69.7	70.3	72.5	75.5	75.9	78.1	81.1	81.1	82.4	82.8	86.9	89.5
≥ 800	.2	53.3	59.8	65.4	70.8	71.4	73.5	76.6	77.0	79.1	82.2	82.2	83.4	83.9	88.2	90.8
≥ 700	.2	53.3	59.8	65.4	70.8	71.4	73.5	76.6	77.0	79.1	82.2	82.2	83.4	83.9	88.2	90.8
≥ 600	.2	53.5	60.0	65.8	71.4	72.0	74.2	77.4	77.8	80.0	83.0	83.0	84.3	84.7	89.0	91.6
≥ 500	.2	54.0	60.4	66.2	72.0	72.7	75.1	78.7	79.1	81.3	84.3	84.3	85.6	86.0	90.3	94.0
≥ 400	.2	54.0	60.4	66.2	72.0	72.7	75.1	78.9	79.4	81.5	84.5	84.7	86.5	86.9	91.2	94.8
≥ 300	.2	54.0	60.4	66.2	72.0	72.7	75.3	79.1	79.6	81.7	84.7	84.9	87.1	88.0	92.9	97.0
≥ 200	.2	54.0	60.4	66.2	72.0	72.7	75.5	79.4	79.8	81.9	84.9	85.2	87.3	88.4	93.8	98.3
≥ 100	.2	54.0	60.4	66.5	72.5	73.1	75.9	79.8	80.2	82.4	85.4	85.6	87.7	88.8	94.6	99.6
≥ 0	.2	54.0	60.4	66.5	72.5	73.1	75.9	79.8	80.2	82.4	85.4	85.6	87.7	88.8	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 465

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥7/8	≥3/4	≥5/8	≥1/2	≥3/16	≥0
NO CEILING	2.8	50.6	52.8	54.0	55.1	55.5	55.7	56.0	56.0	56.4	56.6	56.8	56.8	56.8	57.5	57.5
≥ 20000	3.4	54.3	56.3	58.5	59.6	60.0	60.2	60.6	60.6	60.9	61.3	61.5	61.5	61.7	62.5	62.6
≥ 18000	3.4	54.7	57.2	58.9	60.0	60.4	60.6	60.9	60.9	61.3	61.7	61.9	61.9	62.1	62.8	63.0
≥ 15000	3.4	54.7	57.2	58.9	60.0	60.4	60.6	60.9	60.9	61.3	61.7	61.9	61.9	62.1	62.8	63.0
≥ 14000	3.4	55.5	57.9	59.6	60.9	61.3	61.5	61.9	61.9	62.3	62.6	62.8	62.8	63.0	63.8	64.0
≥ 12000	3.4	57.5	60.2	61.9	63.2	63.6	63.8	64.3	64.3	64.7	65.1	65.3	65.3	65.5	66.2	66.4
≥ 10000	3.4	59.8	62.5	64.2	65.5	65.8	66.0	66.6	66.6	67.0	67.4	67.5	67.5	67.7	68.5	68.7
≥ 9000	3.4	61.5	64.2	65.8	67.2	67.5	67.7	68.3	68.3	68.7	69.1	69.2	69.2	69.4	70.2	70.4
≥ 8000	3.6	62.5	65.3	67.2	68.5	68.9	69.1	69.6	69.6	70.0	70.4	70.6	70.6	70.8	71.5	71.7
≥ 7500	3.6	62.8	65.7	67.5	68.9	69.2	69.4	70.0	70.0	70.4	70.8	70.9	70.9	71.1	71.9	72.1
≥ 6500	3.6	65.3	68.3	70.4	71.7	72.3	72.5	73.0	73.0	73.4	73.8	74.0	74.0	74.2	74.9	75.1
≥ 5000	3.6	66.0	69.1	71.1	72.6	73.2	73.4	74.0	74.0	74.3	74.7	74.9	74.9	75.1	75.8	76.0
≥ 4500	3.6	66.8	69.8	71.9	73.4	74.0	74.2	74.7	74.7	75.1	75.5	75.7	75.7	75.8	76.6	76.8
≥ 4000	3.6	67.5	70.8	72.8	74.3	74.9	75.1	75.7	75.7	76.0	76.4	76.6	76.6	76.8	77.5	77.7
≥ 3500	3.6	68.1	71.3	73.4	74.9	75.5	75.7	76.2	76.2	76.6	77.0	77.2	77.2	77.4	78.1	78.3
≥ 3000	3.6	69.8	73.0	75.1	76.6	77.4	77.7	78.3	78.3	78.7	79.1	79.2	79.2	79.4	80.4	80.6
≥ 2500	3.6	70.2	73.4	75.7	77.4	77.9	78.3	78.9	78.9	79.2	79.6	79.8	79.8	80.0	80.9	81.1
≥ 2000	3.6	70.9	74.2	76.6	78.5	79.1	79.4	80.0	80.0	80.6	80.9	81.1	81.1	81.3	82.3	82.5
≥ 1800	3.6	72.1	75.3	77.7	79.6	80.2	80.6	81.1	81.1	81.7	82.1	82.3	82.3	82.5	83.4	83.6
≥ 1500	3.6	73.6	77.0	79.4	81.3	81.9	82.3	82.8	82.8	83.4	83.8	84.0	84.0	84.2	85.1	85.3
≥ 1200	3.6	74.7	78.1	80.6	83.0	83.6	84.0	84.5	84.5	85.1	85.5	85.7	85.7	85.8	86.8	87.0
≥ 1000	3.6	76.2	79.8	82.3	84.7	85.3	85.7	86.2	86.2	86.8	87.2	87.4	87.4	87.5	88.5	88.7
900	3.6	76.4	80.0	82.6	85.3	85.8	86.2	86.8	86.8	87.4	87.7	87.9	87.9	88.1	89.1	89.2
≥ 800	3.6	77.5	81.3	84.2	86.8	87.4	87.9	88.5	88.5	89.1	89.4	89.6	89.6	89.8	90.8	91.1
≥ 700	3.6	78.1	82.1	85.3	87.9	88.5	89.2	89.8	89.8	90.4	90.8	90.9	91.3	91.5	92.6	93.0
≥ 600	3.6	78.5	82.9	86.8	89.4	90.0	90.9	91.5	91.5	92.1	92.5	92.6	93.0	93.2	94.3	94.7
≥ 500	3.6	79.1	83.2	87.4	90.2	90.9	92.1	92.8	92.8	93.4	94.0	94.2	94.5	94.9	96.0	96.6
≥ 400	3.6	79.2	83.8	88.3	91.1	91.9	93.2	94.2	94.2	94.7	95.3	95.5	95.8	96.2	97.4	98.1
≥ 300	3.6	79.2	84.0	88.5	91.3	92.1	93.6	94.5	94.5	95.5	96.0	96.2	96.6	97.2	98.5	99.2
≥ 200	3.6	79.2	84.0	88.5	91.5	92.3	93.8	94.7	94.7	95.7	96.2	96.4	96.8	97.4	98.7	99.4
≥ 100	3.6	79.2	84.0	88.5	91.5	92.3	93.8	94.7	94.7	95.7	96.2	96.4	96.8	97.4	99.1	100.0
≥ 0	3.6	79.2	84.0	88.5	91.5	92.3	93.8	94.7	94.7	95.7	96.2	96.4	96.8	97.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 530

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	10
NO CEILING	2.9	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
20000	4.3	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
15000	4.7	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
10000	4.7	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
9000	4.7	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
8000	4.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
7000	4.7	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
6000	4.7	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
5000	4.7	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
4000	4.7	76.5	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
3000	4.7	78.2	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
2500	4.9	80.9	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
2000	4.9	81.3	82.1	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
1800	4.9	82.3	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
1500	4.9	83.5	84.2	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
1000	5.3	85.6	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
900	6.0	89.5	90.3	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
800	6.4	90.5	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
700	6.4	91.8	92.6	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
600	6.4	92.2	93.0	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
500	6.4	92.4	93.2	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
400	6.4	92.8	93.6	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
300	6.4	93.2	94.4	95.1	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
200	6.4	94.0	95.7	96.5	96.9	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
150	6.4	94.0	95.7	96.7	97.1	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
100	6.4	94.6	96.3	97.3	97.7	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
50	6.4	94.7	96.7	97.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0	6.4	94.9	97.1	98.1	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
30	6.4	94.9	97.1	98.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20	6.4	94.9	97.1	98.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	6.4	94.9	97.1	98.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	6.4	94.9	97.1	98.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 514

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700 (HOURS L.T.)

CEILING FEET	VISIBILITY - STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
UNLIMITED	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥20000	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥18000	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥16000	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥14000	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥12000	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥10000	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥9000	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥8000	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥7000	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥6000	84.9	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
≥5000	86.8	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥4500	88.5	89.1	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
≥4000	89.3	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥3500	91.0	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥3000	93.1	93.9	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
≥2500	94.1	95.2	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
≥2000	94.6	95.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥1800	95.0	96.0	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥1500	95.2	96.2	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
≥1200	95.8	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1000	97.1	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
900	97.3	98.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥800	97.5	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	97.7	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥600	97.7	99.0	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
≥500	97.7	99.0	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
≥400	97.7	99.0	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
300	97.7	99.0	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
200	97.7	99.0	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	97.7	99.0	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
≥0	97.7	99.0	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

TOTAL NUMBER OF OBSERVATIONS 478

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	210	26	25	24	23	22	22	21	21	21	2	2	2	25 10	2	20
NO CEILING	1.8	63.9	64.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
20000	2.2	73.5	74.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
18000	3.2	73.5	74.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
15000	3.2	73.5	74.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
14000	3.2	74.4	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
12000	3.2	74.4	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
10000	3.7	77.2	78.1	79.5	79.5	79.5	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
9000	3.7	80.8	81.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
8000	3.7	82.6	84.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
7000	3.7	85.4	87.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
6000	3.7	87.7	90.0	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
5000	3.7	88.1	90.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
4500	4.1	90.4	96.7	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
4000	4.1	91.3	95.6	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
3500	4.1	92.2	94.5	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
3000	4.1	93.2	95.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
2500	4.1	94.5	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
2000	4.1	94.5	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1800	4.1	94.5	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1500	4.1	94.5	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1200	4.1	94.5	97.7	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
1000	4.1	94.5	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
900	4.1	94.5	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
800	4.1	94.5	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700	4.1	94.5	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	4.1	94.5	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	4.1	94.5	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	4.1	94.5	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	4.1	94.5	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	4.1	94.5	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	4.1	94.5	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	4.1	94.5	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 219

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥2	>5/16	≥¼	≥0
NO CEILING	72.1	75.7	77.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 20000	79.3	82.9	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 18000	79.3	82.9	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 16000	79.3	82.9	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	79.3	82.9	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
2000	82.0	85.0	87.4	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
≥ 1000	82.0	85.0	87.4	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
≥ 900	83.8	87.4	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	83.8	87.4	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	83.8	87.4	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	84.7	88.3	90.1	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
≥ 5000	87.4	91.0	92.8	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
≥ 4500	89.2	92.8	94.6	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
≥ 4000	90.1	93.7	95.5	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
≥ 3500	91.0	94.0	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
3000	91.0	94.0	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
≥ 2500	91.9	95.5	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	91.9	95.5	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	91.9	95.5	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	91.9	95.5	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	92.8	96.4	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
≥ 1000	92.8	96.4	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
900	92.8	96.4	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
≥ 800	92.8	96.4	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
≥ 700	92.8	96.4	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
≥ 600	92.8	96.4	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
≥ 500	92.8	96.4	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
≥ 400	92.8	96.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.8	96.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.8	96.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.8	96.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.8	96.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 111

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES ≥10	20	25	24	3	22	2.	21	21.	21	2.	2.	2	25-16	2.	20
NO CEILING	2.2	52.1	52.6	55.1	56.3	56.5	56.9	57.5	57.6	58.1	58.6	58.6	58.8	58.9	59.6	59.9
≥ 20000	3.3	59.3	61.3	62.6	63.8	64.0	64.4	65.1	65.1	65.6	66.3	66.3	66.6	66.7	67.6	68.0
≥ 18000	3.3	59.6	61.5	62.8	64.1	64.3	64.7	65.3	65.4	65.9	66.5	66.6	66.9	66.9	67.8	68.3
16000	3.3	59.7	61.9	62.9	64.2	64.4	64.8	65.4	65.4	66.0	66.6	66.7	66.9	67.0	67.9	68.4
≥ 14000	3.3	60.4	62.3	63.6	64.9	65.1	65.5	66.2	66.2	66.7	67.4	67.4	67.7	67.8	68.7	69.1
≥ 12000	3.3	62.0	64.1	65.4	66.7	66.9	67.3	68.0	68.0	68.6	69.2	69.2	69.5	69.6	70.5	71.0
≥ 10000	3.5	63.6	65.8	67.2	68.5	68.7	69.2	69.8	69.9	70.4	71.0	71.1	71.3	71.5	72.3	72.8
≥ 9000	3.5	65.5	67.7	69.2	70.5	70.7	71.1	71.8	71.8	72.3	73.0	73.0	73.3	73.4	74.3	74.7
≥ 8000	3.6	66.9	69.2	70.8	72.1	72.3	72.7	73.4	73.4	74.0	74.6	74.6	74.9	75.0	75.9	76.4
≥ 7000	3.6	68.5	70.9	72.5	73.8	74.0	74.4	75.1	75.1	75.7	76.3	76.4	76.6	76.7	77.6	78.1
≥ 6000	3.6	70.5	73.0	74.7	76.0	76.2	76.7	77.3	77.4	77.9	78.5	78.6	78.8	79.0	79.8	80.3
≥ 5000	3.6	72.0	74.6	76.3	77.7	77.9	78.4	79.1	79.1	79.7	80.3	80.3	80.6	80.7	81.6	82.1
≥ 4500	3.7	73.0	75.6	77.4	78.8	79.0	79.5	80.2	80.2	80.8	81.4	81.4	81.7	81.8	82.7	83.1
≥ 4000	3.7	74.0	76.7	78.5	79.9	80.1	80.5	81.3	81.3	81.8	82.5	82.5	82.8	82.9	83.8	84.2
≥ 3500	3.7	75.2	78.0	79.8	81.3	81.5	81.9	82.6	82.7	83.2	83.8	83.9	84.1	84.3	85.1	85.6
≥ 3000	3.8	76.7	79.6	81.5	83.0	83.2	83.7	84.4	84.5	85.0	85.0	85.7	85.9	86.1	87.1	87.6
≥ 2500	4.0	78.1	81.1	83.0	84.5	84.8	85.3	86.0	86.0	86.6	87.2	87.2	87.5	87.3	88.6	89.1
≥ 2000	4.1	78.7	81.7	83.7	85.3	85.6	86.1	86.8	86.8	87.4	88.0	88.1	88.3	88.3	89.5	90.0
≥ 1800	4.1	79.5	82.5	84.5	86.1	86.3	86.8	87.5	87.6	88.2	88.8	88.8	89.1	89.2	90.2	90.7
≥ 1500	4.1	80.1	83.2	85.3	86.9	87.2	87.7	88.4	88.5	89.0	89.7	89.7	90.0	90.1	91.1	91.7
≥ 1200	4.1	80.7	83.8	85.9	87.7	87.9	88.5	89.2	89.2	89.8	90.5	90.5	90.8	90.9	91.9	92.5
≥ 1000	4.1	81.3	84.9	87.0	88.8	89.0	89.7	90.4	90.5	91.0	91.7	91.8	92.0	92.1	93.1	93.7
900	4.1	81.9	85.2	87.4	89.3	89.5	90.2	90.9	91.0	91.5	92.2	92.3	92.5	92.6	93.6	94.2
800	4.1	82.5	86.1	88.4	90.3	90.5	91.2	92.0	92.1	92.6	93.3	93.3	93.6	93.7	94.8	95.4
≥ 700	4.1	82.7	86.3	88.7	90.6	90.8	91.6	92.3	92.4	93.0	93.7	93.7	94.1	94.2	95.3	95.9
≥ 600	4.1	82.9	86.6	89.3	91.3	91.5	92.3	93.1	93.2	93.8	94.5	94.5	94.9	95.0	96.1	96.7
≥ 500	4.1	83.2	86.9	89.6	91.7	92.0	92.9	93.8	93.9	94.5	95.2	95.3	95.6	95.8	96.9	97.7
≥ 400	4.1	83.3	87.1	89.5	92.1	92.4	93.4	94.4	94.5	95.1	95.8	95.9	96.3	96.5	97.6	98.5
≥ 300	4.1	83.3	87.1	89.9	92.1	92.5	93.6	94.6	94.7	95.4	96.1	96.2	96.7	96.9	98.2	99.2
≥ 200	4.1	83.3	87.1	89.9	92.3	92.6	93.6	94.7	94.8	95.4	96.2	96.2	96.7	97.1	98.5	99.5
≥ 100	4.1	83.3	87.1	90.0	92.3	92.6	93.7	94.8	94.9	95.5	96.2	96.3	96.8	97.2	98.7	99.9
≥ 0	4.1	83.3	87.1	90.0	92.3	92.6	93.7	94.8	94.9	95.5	96.2	96.3	96.8	97.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2390

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	0
NO CEILING		54.3	71.8	84.0	84.0	85.2	87.7	87.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 20000		55.6	77.0	85.2	85.2	86.4	88.9	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 18000		55.6	77.0	85.2	85.2	86.4	88.9	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000		55.6	77.0	85.2	85.2	86.4	88.9	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 14000		55.6	77.0	85.2	85.2	86.4	88.9	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 12000		56.8	80.2	86.4	86.4	87.7	90.1	90.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 10000		60.5	84.0	90.1	90.1	91.4	93.8	93.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 9000		60.5	84.0	90.1	90.1	91.4	93.8	93.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000		63.0	86.4	92.6	92.6	93.8	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 7000		63.0	86.4	92.6	92.6	93.8	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 6000		63.0	86.4	92.6	92.6	93.8	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 5000		63.0	86.4	92.6	92.6	93.8	96.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		65.4	88.9	95.1	95.1	96.3	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 81

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,75-78 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		35.7	41.1	46.4	48.2	51.8	51.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000		37.5	44.6	50.0	51.8	55.4	55.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000		37.5	44.6	50.0	51.8	55.4	55.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000		37.5	44.6	50.0	51.8	55.4	55.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000		37.5	44.6	50.0	51.8	55.4	55.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000		37.5	48.2	53.6	55.4	58.9	58.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000		37.5	48.2	53.6	55.4	58.9	58.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 9000		39.3	50.0	55.4	57.1	60.7	60.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000		42.9	55.4	62.5	64.3	67.9	67.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000		42.9	55.4	62.5	64.3	67.9	67.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000		42.9	55.4	62.5	66.1	69.6	69.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000		42.9	55.4	62.5	66.1	69.6	69.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500		44.6	57.1	64.3	67.9	71.4	71.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000		46.4	58.9	66.1	69.6	73.2	73.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500		48.2	60.7	67.9	71.4	75.0	75.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3000		48.2	60.7	67.9	71.4	75.0	75.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2500		50.0	62.5	69.6	73.2	76.8	76.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2000		50.0	62.5	69.6	73.2	76.8	76.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800		51.8	64.3	71.4	75.0	78.6	78.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1500		53.6	66.1	75.0	78.6	82.1	82.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200		53.6	66.1	75.0	78.6	82.1	82.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000		55.4	67.9	78.6	82.1	85.7	85.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900		57.1	69.6	80.4	83.9	87.5	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800		57.1	69.6	80.4	83.9	87.5	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700		57.1	69.6	80.4	83.9	87.5	89.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600		57.1	69.6	80.4	83.9	89.3	91.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500		57.1	69.6	80.4	83.9	89.3	91.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400		58.9	71.4	82.1	85.7	92.9	94.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300		58.9	71.4	82.1	85.7	92.9	94.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200		58.9	71.4	82.1	85.7	92.9	94.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
≥ 100		58.9	71.4	82.1	85.7	92.9	94.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0
≥		58.9	71.4	82.1	85.7	92.9	94.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 56

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1/4	≥0
NO CEILING	.9	35.8	40.2	44.7	47.8	48.0	49.6	50.1	50.1	50.6	51.8	51.8	52.2	52.2	52.7	53.9
≥ 20000	.9	38.4	42.8	47.3	50.4	50.6	52.2	52.9	52.9	53.4	54.6	54.6	55.1	55.1	56.2	57.4
≥ 18000	.9	38.8	43.3	47.8	50.8	51.1	52.7	53.4	53.4	53.9	55.1	55.1	55.5	55.5	56.7	57.9
≥ 16000	.9	39.1	43.5	48.0	51.1	51.3	52.9	53.6	53.6	54.1	55.3	55.3	55.8	55.8	56.9	58.1
≥ 14000	.9	39.5	44.0	48.5	51.5	51.8	53.4	54.1	54.1	54.6	55.8	55.8	56.2	56.2	57.4	58.6
≥ 12000	.9	39.8	44.2	49.4	52.5	52.7	54.4	55.1	55.1	55.5	56.9	56.9	57.4	57.4	58.6	59.8
≥ 10000	.9	43.5	48.2	53.6	56.9	57.2	58.8	59.5	59.5	60.0	61.4	61.4	61.9	61.9	63.1	64.2
≥ 9000	.9	44.7	49.9	54.8	58.1	58.4	60.2	60.9	60.9	61.4	62.8	62.8	63.3	63.3	64.5	65.6
≥ 8000	.9	45.6	50.6	55.8	59.5	59.8	61.6	62.6	62.6	63.1	64.5	64.5	64.9	64.9	66.1	67.3
≥ 7000	.9	45.9	50.8	56.0	60.2	60.5	62.4	63.3	63.3	63.8	65.2	65.2	65.6	65.6	66.8	68.0
≥ 6000	.9	46.4	51.3	56.5	60.9	61.2	63.1	64.0	64.0	64.5	65.9	65.9	66.4	66.4	67.5	68.7
≥ 5000	.9	47.3	52.7	58.1	62.6	62.8	64.7	65.6	65.6	66.1	67.5	67.5	68.5	68.5	69.6	70.8
≥ 4500	.9	47.5	52.9	58.4	62.8	63.1	64.9	65.9	65.9	66.4	67.8	67.8	68.7	68.7	69.9	71.1
≥ 4000	.9	50.6	56.2	62.1	66.8	67.1	68.9	69.9	69.9	70.4	71.8	71.8	72.7	72.7	73.9	75.1
≥ 3500	.9	50.8	56.7	63.1	67.8	68.0	69.9	70.8	70.8	71.3	72.7	72.7	73.6	73.6	74.8	76.0
≥ 3000	.9	52.7	59.1	65.9	71.1	71.3	73.2	74.1	74.1	74.6	76.0	76.0	76.9	77.2	78.6	79.8
≥ 2500	.9	55.1	61.9	68.7	73.9	74.1	76.0	76.9	76.9	77.4	78.8	78.8	79.8	80.0	81.4	82.6
≥ 2000	.9	55.5	62.6	69.6	75.3	75.5	77.4	78.6	78.6	79.3	80.7	80.9	81.9	82.1	83.5	84.7
≥ 1800	.9	55.5	62.6	69.6	75.3	75.5	77.4	78.6	78.6	79.3	80.7	80.9	81.9	82.1	83.5	84.7
≥ 1500	.9	56.2	63.8	71.3	77.2	77.4	79.5	80.7	80.7	81.4	82.8	83.1	84.0	84.2	85.6	86.8
≥ 1200	.9	57.2	64.9	72.9	78.8	79.1	81.2	82.4	82.4	83.1	84.5	84.7	85.6	85.9	87.3	88.5
≥ 1000	.9	57.2	65.2	73.4	79.3	79.5	81.6	83.1	83.1	83.8	85.2	85.4	86.4	86.6	88.0	89.4
900	.9	57.6	66.1	74.4	80.5	80.7	82.8	84.2	84.2	84.9	86.4	86.6	87.5	87.8	89.2	90.6
≥ 800	.9	57.9	66.4	74.6	81.2	81.4	83.5	84.9	84.9	85.6	87.1	87.3	88.2	88.5	89.9	91.3
≥ 700	.9	57.9	66.8	75.1	81.6	81.9	84.0	85.4	85.4	86.1	87.5	87.8	88.7	88.9	90.4	91.8
≥ 600	.9	58.4	67.3	75.5	82.1	82.4	84.5	86.4	86.4	87.1	88.7	88.9	89.9	90.1	91.5	92.9
≥ 500	.9	58.4	67.5	75.8	82.4	82.6	84.7	86.8	87.1	87.8	89.6	89.9	91.1	91.3	92.9	94.4
≥ 400	.9	58.4	67.5	75.8	83.5	83.8	86.1	88.2	88.5	89.2	91.1	91.3	92.7	92.9	94.6	96.0
≥ 300	.9	58.4	67.5	75.8	83.8	84.0	86.4	88.5	88.7	89.4	91.3	91.5	92.9	93.2	95.1	96.7
≥ 200	.9	58.4	67.5	75.8	83.8	84.0	86.4	88.5	88.7	89.4	91.3	91.5	92.9	93.2	95.3	98.1
≥ 100	.9	58.4	67.5	75.8	83.8	84.0	86.4	88.5	88.7	89.4	91.3	91.5	92.9	93.4	95.5	99.5
≥ 0	.9	58.4	67.5	75.8	83.8	84.0	86.4	88.5	88.7	89.4	91.3	91.5	92.9	93.4	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 425

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥2	≥5/16	≥¼	≥0
NO CEILING	4.0	51.8	55.4	56.2	56.7	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5
≥ 20000	4.2	55.0	59.0	59.8	60.5	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
≥ 18000	4.2	56.2	60.3	61.1	61.7	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8
≥ 16000	4.2	56.9	60.9	61.7	62.4	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4
≥ 14000	4.2	57.9	61.9	63.0	63.6	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7
≥ 12000	4.2	60.7	64.7	65.8	66.4	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
≥ 11000	4.4	65.1	69.3	70.8	71.5	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5
≥ 9000	4.4	65.8	70.0	71.5	72.1	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.2
≥ 8000	4.7	68.7	72.9	74.4	75.1	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1
≥ 7000	4.7	69.6	73.8	75.3	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0
≥ 6000	4.7	71.5	75.7	77.4	78.0	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1
≥ 5000	5.1	72.9	77.2	78.9	79.5	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 4500	5.1	72.9	77.2	78.9	79.5	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 4000	5.1	74.8	79.1	80.8	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.5
≥ 3500	5.1	74.8	79.3	81.0	81.6	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7
≥ 3000	5.1	76.1	80.8	82.5	83.2	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6
2500	5.3	77.4	82.0	83.7	84.6	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8
≥ 2000	5.3	78.4	83.1	85.0	85.8	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1
≥ 1800	5.3	78.9	83.5	85.4	86.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5
≥ 1500	5.3	80.5	85.2	87.3	88.2	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4
≥ 1200	5.3	81.8	86.9	89.0	89.9	90.3	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.5
≥ 1000	5.3	82.2	87.9	90.5	91.3	91.8	92.6	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.2
≥ 900	5.3	82.5	88.2	90.7	91.5	92.0	92.8	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.4
≥ 800	5.3	82.7	88.8	91.5	92.8	93.2	94.5	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.1
≥ 700	5.3	83.1	89.6	92.6	94.1	94.5	95.8	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.6
≥ 600	5.3	83.1	89.6	92.8	94.5	94.9	96.2	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	97.0
≥ 500	5.3	83.1	89.9	93.0	94.7	95.1	96.4	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.3
≥ 400	5.3	83.5	90.3	93.4	95.3	95.8	97.0	97.5	97.5	97.5	98.1	98.1	98.1	98.3	98.3	98.5
≥ 300	5.3	83.5	90.3	93.4	95.3	96.0	97.3	97.7	97.7	97.7	98.3	98.3	98.3	98.7	98.7	98.9
≥ 200	5.3	83.5	90.3	93.4	95.3	96.0	97.3	97.7	97.7	97.7	98.3	98.5	98.5	98.9	99.2	99.6
≥ 100	5.3	83.5	90.3	93.4	95.3	96.0	97.3	97.7	97.7	97.7	98.3	98.5	98.5	99.2	99.4	100.0
≥ 0	5.3	83.5	90.3	93.4	95.3	96.0	97.3	97.7	97.7	97.7	98.3	98.5	98.5	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 473

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥7/8	≥3/4	≥5/8	≥1/2	≥3/8	≥1/4	≥5/16	≥1/8	≥0
NO CEILING	5.3	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	7.9	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	7.9	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	7.9	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	7.9	68.4	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	8.1	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	8.5	77.8	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
≥ 9000	9.0	78.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	9.0	81.7	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
≥ 7000	9.0	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	9.0	84.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	9.2	85.9	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
≥ 4500	9.2	86.8	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
≥ 4000	9.4	88.9	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
≥ 3500	9.4	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	9.8	91.9	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
≥ 2500	10.0	92.3	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	10.0	93.4	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	10.0	94.5	95.5	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	10.0	95.3	96.4	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	10.0	95.7	96.8	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	10.0	96.6	98.1	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
900	10.0	97.0	98.5	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	10.0	97.0	98.5	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	10.0	97.2	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 469

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	6.0	56.9	57.8	58.0	58.0	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥20000	6.3	64.7	65.6	65.8	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥15000	8.3	65.8	66.7	67.0	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥14000	8.3	66.1	67.0	67.2	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥12000	8.3	68.3	69.2	69.4	69.4	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥10000	8.3	72.8	73.7	73.9	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥9000	9.2	76.3	77.2	77.5	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥8000	9.2	77.9	78.8	79.0	79.0	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥7000	9.2	81.0	81.9	82.1	82.1	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥6500	9.2	84.2	85.0	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥6000	9.2	86.6	87.5	87.7	87.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥5000	9.2	88.2	89.1	89.5	89.5	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥4500	9.2	89.1	90.0	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥4000	9.2	90.6	91.5	92.0	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥3500	9.2	92.6	93.8	94.4	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥3000	9.4	94.0	95.3	96.2	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥2500	9.4	94.6	96.0	96.9	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥2200	9.4	94.9	96.2	97.1	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥1800	9.4	94.9	96.2	97.1	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥1500	9.4	94.9	96.2	97.1	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥1200	9.4	95.1	96.4	97.3	97.5	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥1000	9.4	95.8	97.1	98.0	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥900	9.4	96.4	97.8	98.7	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	9.4	96.4	97.8	98.7	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	9.4	96.4	97.8	98.7	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	9.4	96.4	97.8	98.7	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	9.4	96.4	97.8	98.7	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	9.4	96.4	97.8	98.7	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	9.4	96.4	97.8	98.7	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	9.4	96.4	97.8	98.7	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	9.4	96.4	97.8	98.7	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	9.4	96.4	97.8	98.7	98.9	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 448

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	2.0	64.9	66.5	66.5	66.5	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	2.8	72.5	74.1	74.1	74.1	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	2.8	72.5	74.1	74.1	74.1	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	2.8	72.5	74.1	74.1	74.1	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	2.8	73.3	74.9	74.9	74.9	75.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	2.8	75.3	76.9	76.9	76.9	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	2.8	79.3	80.9	80.9	80.9	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	2.8	80.1	81.7	81.7	81.7	82.1	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	2.8	84.5	86.1	86.1	86.1	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	2.8	86.5	88.0	88.0	88.0	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	2.8	88.0	89.6	89.6	89.6	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	2.8	88.8	90.4	90.4	90.4	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	2.8	89.2	90.8	90.8	90.8	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	2.8	89.6	91.2	91.2	91.2	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	2.8	90.4	92.0	92.0	92.0	92.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	2.8	91.6	93.2	93.2	93.2	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	2.8	92.0	93.6	93.6	94.4	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	2.8	94.0	96.0	96.0	96.8	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	2.8	94.0	96.0	96.0	96.8	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	2.8	94.0	96.0	96.0	96.8	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	2.8	94.4	96.4	96.4	97.2	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	2.8	94.8	96.8	96.8	97.6	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	2.8	94.8	97.6	98.0	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 251

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1 4	≥1	≥ 4	≥ 4	≥	≥5 16	≥ 4	≥0
NO CEILING		77.8	83.3	83.3	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 20000		79.4	84.9	84.9	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 18000		79.4	84.9	84.9	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 16000		79.4	84.9	84.9	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 14000		79.4	84.9	84.9	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 12000		80.2	85.7	85.7	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 11000		82.5	88.1	88.1	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000		84.1	89.7	89.7	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000		85.7	91.3	91.3	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000		86.5	92.1	92.1	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000		87.3	92.9	92.9	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 5000		87.3	92.9	92.9	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500		87.3	92.9	92.9	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000		88.1	93.7	93.7	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500		88.9	95.2	95.2	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000		88.9	95.2	95.2	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500		88.9	95.2	95.2	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000		89.7	96.0	96.0	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800		89.7	96.0	96.0	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500		89.7	96.8	96.8	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		89.7	96.8	96.8	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		89.7	96.8	96.8	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		90.5	97.6	97.6	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		90.5	97.6	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		90.5	97.6	97.6	99.2	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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES 20	26	25	24	23	22	22	21	2	2	2	2	2	2	25 16	2	20
NO CEILING	3.4	53.1	56.4	57.8	58.6	58.9	59.5	59.7	59.7	59.8	60.0	60.0	60.1	60.1	60.2	60.5
≥ 20000	4.5	58.8	62.2	63.6	64.4	64.7	65.4	65.6	65.7	65.7	66.0	66.0	66.0	66.0	66.3	66.5
≥ 18000	4.5	59.5	62.9	64.3	65.1	65.5	66.1	66.3	66.4	66.5	66.7	66.7	66.8	66.8	67.0	67.2
≥ 16000	4.5	59.7	63.2	64.5	65.3	65.7	66.3	66.6	66.6	66.7	66.9	66.9	67.0	67.0	67.2	67.5
≥ 14000	4.5	60.9	64.4	65.8	66.6	66.9	67.6	67.8	67.8	67.9	68.1	68.1	68.2	68.2	68.4	68.7
≥ 12000	4.6	64.0	67.5	69.0	69.9	70.2	70.8	71.1	71.1	71.2	71.4	71.4	71.5	71.5	71.7	72.0
≥ 10000	4.9	67.5	71.2	72.8	73.7	74.0	74.7	74.9	74.9	75.0	75.3	75.3	75.4	75.4	75.6	75.8
≥ 9000	4.9	68.5	72.2	73.8	74.7	75.0	75.7	75.9	76.0	76.0	76.3	76.3	76.4	76.4	76.6	76.9
≥ 8000	5.0	71.3	75.0	76.6	77.6	77.9	78.6	78.9	78.9	79.0	79.3	79.3	79.3	79.3	79.6	79.8
≥ 7000	5.0	72.7	76.4	78.1	79.1	79.4	80.1	80.4	80.4	80.5	80.8	80.8	80.9	80.9	81.1	81.3
≥ 6000	5.0	74.1	77.8	79.5	80.6	80.9	81.6	81.9	81.9	82.0	82.3	82.3	82.4	82.4	82.6	82.8
≥ 5000	5.1	75.2	79.0	80.8	81.9	82.3	83.0	83.2	83.3	83.3	83.6	83.6	83.8	83.8	84.0	84.2
≥ 4500	5.1	75.8	79.6	81.4	82.5	82.8	83.5	83.8	83.8	83.9	84.2	84.2	84.3	84.3	84.5	34.8
≥ 4000	5.2	77.6	81.4	83.3	84.5	84.8	85.5	85.7	85.8	85.9	86.1	86.1	86.3	86.3	86.5	86.8
≥ 3500	5.2	78.4	82.4	84.5	85.7	86.0	86.7	86.9	87.0	87.1	87.3	87.3	87.5	87.5	87.7	88.0
≥ 3000	5.3	79.8	83.9	86.1	87.5	87.8	88.5	88.8	88.8	88.9	89.2	89.2	89.4	89.4	89.7	89.9
≥ 2500	5.4	80.8	85.0	87.2	88.7	89.1	89.8	90.0	90.1	90.2	90.4	90.4	90.6	90.6	90.9	91.2
≥ 2000	5.4	81.6	86.0	88.3	89.8	90.2	90.9	91.2	91.2	91.4	91.6	91.7	91.8	91.9	92.1	92.4
≥ 1800	5.4	81.9	86.4	88.6	90.2	90.5	91.3	91.6	91.6	91.8	92.0	92.1	92.2	92.3	92.5	92.8
≥ 1500	5.4	82.6	87.1	89.6	91.2	91.5	92.4	92.7	92.7	92.9	93.1	93.2	93.3	93.4	93.6	93.9
≥ 1200	5.4	83.2	87.8	90.4	92.0	92.4	93.3	93.6	93.7	93.8	94.1	94.2	94.3	94.4	94.6	94.9
≥ 1000	5.4	83.7	88.9	91.3	93.0	93.4	94.3	94.7	94.7	94.8	95.1	95.2	95.4	95.4	95.7	96.0
≥ 900	5.4	84.1	89.2	92.0	93.6	94.1	95.0	95.4	95.4	95.6	95.9	95.9	96.1	96.1	96.4	96.7
≥ 800	5.4	84.2	89.4	92.2	94.0	94.5	95.5	95.9	95.9	96.0	96.4	96.4	96.6	96.6	96.9	97.2
≥ 700	5.4	84.3	89.7	92.6	94.5	94.9	95.9	96.4	96.4	96.5	96.8	96.9	97.0	97.1	97.3	97.6
≥ 600	5.4	84.4	89.7	92.7	94.6	95.1	96.1	96.7	96.7	96.8	97.2	97.2	97.4	97.4	97.7	98.0
≥ 500	5.4	84.4	89.8	92.8	94.7	95.2	96.2	96.8	96.9	97.0	97.4	97.4	97.6	97.7	98.0	98.3
≥ 400	5.4	84.5	90.0	92.9	95.1	95.6	96.7	97.3	97.3	97.5	97.9	98.0	98.2	98.3	98.6	98.9
≥ 300	5.4	84.5	90.0	92.9	95.1	95.7	96.8	97.3	97.4	97.6	98.0	98.1	98.3	98.5	98.8	99.1
≥ 200	5.4	84.5	90.0	92.9	95.1	95.7	96.8	97.3	97.4	97.6	98.0	98.1	98.4	98.5	98.9	99.6
≥ 100	5.4	84.5	90.0	92.9	95.1	95.7	96.8	97.3	97.4	97.6	98.0	98.1	98.4	98.6	99.0	99.9
≥ 0	5.4	84.5	90.0	92.9	95.1	95.7	96.8	97.3	97.4	97.6	98.0	98.1	98.4	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2329

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-75,77 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	210	26	22	24	22	22	2.	2	21.	21	2.	2.	2	25 16	2.	20
NO CEILING	1.1	59.8	70.1	76.1	77.2	78.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
20000	1.1	65.2	81.5	81.5	82.6	83.7	84.8	84.8	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
15000	1.1	65.2	81.5	81.5	82.6	83.7	84.8	84.8	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
10000	1.1	65.2	81.5	81.5	82.6	83.7	84.8	84.8	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
9000	1.1	65.2	81.5	81.5	82.6	83.7	84.8	84.8	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
8000	1.1	67.4	83.7	83.7	84.8	85.9	87.0	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
7000	1.1	70.7	87.0	87.0	88.0	89.1	90.2	90.2	90.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
6000	1.1	70.7	87.0	87.0	88.0	89.1	90.2	90.2	90.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
5000	1.1	70.7	87.0	87.0	88.0	89.1	90.2	90.2	90.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4500	1.1	73.9	90.2	90.2	91.3	92.4	93.5	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
4000	1.1	73.9	90.2	90.2	91.3	92.4	93.5	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
3500	1.1	73.9	90.2	90.2	91.3	92.4	93.5	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
3000	1.1	73.9	90.2	90.2	91.3	92.4	93.5	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
2500	1.1	75.0	91.3	91.3	92.4	93.5	94.6	94.6	94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2000	1.1	75.0	93.5	93.5	94.6	95.7	96.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1800	1.1	75.0	93.5	93.5	94.6	95.7	96.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1500	1.1	76.1	94.6	94.6	95.7	96.7	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1200	1.1	76.1	94.6	94.6	95.7	96.7	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1000	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	1.1	76.1	95.7	95.7	96.7	97.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 92

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500

VISIBILITY (STATUTE MILES)

CEILING (FEET)	2 1/2	2	1 3/4	1 1/2	1 1/4	1	3/4	1/2	1/4	0	2 5/16	2	1
NO CEILING	1.4	47.8	55.0	56.5	56.5	56.5	59.4	60.9	60.9	60.9	62.3	62.3	62.3	62.3	63.8	66.7
20000	1.4	47.8	55.1	58.0	58.0	58.0	60.9	62.3	62.3	62.3	63.8	63.8	63.8	63.8	65.2	68.1
18000	1.4	47.8	55.1	58.0	58.0	58.0	60.9	62.3	62.3	62.3	63.8	63.8	63.8	63.8	65.2	68.1
15000	1.4	47.8	55.1	58.0	58.0	58.0	60.9	62.3	62.3	62.3	63.8	63.8	63.8	63.8	65.2	68.1
12000	1.4	49.3	56.5	59.4	59.4	59.4	62.3	63.8	63.8	63.8	65.2	65.2	65.2	65.2	66.7	69.6
10000	1.4	53.6	60.9	62.8	63.8	63.8	66.7	68.1	68.1	68.1	69.6	69.6	69.6	69.6	71.0	73.9
9000	1.4	55.1	64.3	65.2	65.2	65.2	68.1	69.6	69.6	69.6	71.0	71.0	71.0	71.0	72.5	75.4
8000	1.4	55.1	64.3	65.2	65.2	65.2	68.1	69.6	69.6	69.6	71.0	71.0	71.0	71.0	72.5	75.4
7000	1.4	56.5	65.8	66.7	66.7	66.7	69.6	71.0	71.0	71.0	72.5	72.5	72.5	72.5	73.9	76.8
6000	1.4	58.0	69.2	68.1	68.1	68.1	71.0	72.5	72.5	72.5	73.9	73.9	73.9	73.9	75.4	78.3
5000	1.4	58.0	69.2	68.1	68.1	68.1	71.0	72.5	72.5	72.5	73.9	73.9	73.9	73.9	75.4	78.3
4500	1.4	58.0	69.2	68.1	68.1	68.1	71.0	72.5	72.5	72.5	73.9	73.9	73.9	73.9	75.4	78.3
4000	1.4	58.0	69.2	68.1	68.1	68.1	71.0	72.5	72.5	72.5	73.9	73.9	73.9	73.9	75.4	78.3
3500	1.4	59.4	69.7	69.6	69.6	69.6	72.5	73.9	73.9	73.9	75.4	75.4	75.4	75.4	76.8	79.7
3000	1.4	59.4	69.1	71.0	71.0	71.0	73.9	75.4	75.4	75.4	76.8	76.8	76.8	76.8	78.3	81.2
2500	1.4	60.9	69.6	72.5	72.5	72.5	75.4	76.8	76.8	76.8	78.3	78.3	78.3	78.3	79.7	82.6
2000	1.4	62.3	71.0	75.4	75.4	75.4	78.3	79.7	79.7	79.7	81.2	81.2	81.2	81.2	82.6	85.5
1800	1.4	62.3	71.0	75.4	75.4	75.4	78.3	79.7	79.7	79.7	81.2	81.2	81.2	81.2	82.6	85.5
1500	1.4	63.8	72.5	76.8	76.8	76.8	79.7	81.2	81.2	81.2	82.6	82.6	82.6	82.6	84.1	87.0
1200	1.4	63.8	72.9	78.3	78.3	78.3	81.2	82.6	82.6	82.6	84.1	84.1	84.1	84.1	85.5	88.4
1000	1.4	65.2	75.4	79.7	79.7	79.7	82.6	84.1	84.1	84.1	85.5	85.5	85.5	85.5	87.0	89.9
900	1.4	65.2	75.4	79.7	79.7	79.7	82.6	84.1	84.1	84.1	85.5	85.5	85.5	85.5	87.0	89.9
800	1.4	65.2	75.4	79.7	79.7	79.7	82.6	84.1	84.1	84.1	85.5	85.5	85.5	85.5	87.0	89.9
700	1.4	65.2	75.4	79.7	79.7	79.7	82.6	84.1	84.1	84.1	85.5	85.5	85.5	85.5	87.0	89.9
600	1.4	65.2	75.4	81.2	81.2	81.2	84.1	85.5	85.5	85.5	87.0	87.0	87.0	87.0	88.4	91.3
500	1.4	65.2	75.4	81.2	81.2	81.2	84.1	85.5	85.5	85.5	87.0	87.0	87.0	87.0	88.4	91.3
400	1.4	65.2	76.8	82.6	84.1	84.1	87.0	88.4	88.4	88.4	89.9	89.9	89.9	89.9	91.3	94.2
300	1.4	65.2	76.8	82.6	84.1	84.1	87.0	88.4	88.4	88.4	89.9	89.9	89.9	89.9	91.3	97.1
200	1.4	65.2	76.8	82.6	84.1	84.1	87.0	88.4	88.4	88.4	89.9	89.9	89.9	89.9	91.3	100.0
100	1.4	65.2	76.8	82.6	84.1	84.1	87.0	88.4	88.4	88.4	89.9	89.9	89.9	89.9	91.3	100.0
0	1.4	65.2	76.8	82.6	84.1	84.1	87.0	88.4	88.4	88.4	89.9	89.9	89.9	89.9	91.3	100.0

TOTAL NUMBER OF OBSERVATIONS 69

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥5	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1	≥0
NO CEILING	1.3	39.2	44.8	49.6	51.3	51.5	52.7	52.9	52.9	53.3	53.8	53.8	55.2	55.6	57.3	57.7
≥ 20000	1.3	43.8	49.8	54.6	56.5	56.7	57.9	58.1	58.1	58.5	59.0	59.0	60.4	60.8	62.5	62.9
≥ 18000	1.3	43.8	49.8	54.6	56.5	56.7	57.9	58.1	58.1	58.5	59.0	59.0	60.4	60.8	62.5	62.9
≥ 17000	1.3	44.2	50.2	55.0	56.9	57.1	58.3	58.5	58.5	59.0	59.4	59.4	60.8	61.3	62.9	63.3
≥ 15000	1.3	48.2	54.5	56.5	58.8	59.2	60.4	60.6	60.6	61.0	61.5	61.5	62.9	63.3	65.0	65.4
≥ 12000	1.3	48.5	55.9	57.9	60.6	61.0	62.5	62.7	62.7	63.1	63.5	63.5	65.0	65.4	67.1	67.5
≥ 10000	1.3	49.0	55.4	60.6	63.3	63.8	65.2	65.4	65.4	66.0	66.5	66.5	67.9	68.3	70.0	70.4
≥ 9000	1.3	49.0	55.4	60.6	63.3	63.8	65.2	65.4	65.4	66.0	66.5	66.5	67.9	68.3	70.0	70.4
8000	1.3	49.8	56.5	61.7	64.4	64.8	66.3	66.5	66.5	67.1	67.5	67.5	69.0	69.4	71.0	71.5
≥ 7000	1.3	50.8	57.5	62.7	65.4	65.8	67.3	67.5	67.5	68.1	68.5	68.5	70.0	70.4	72.1	72.5
≥ 6000	1.3	52.1	59.6	64.0	66.7	67.1	68.5	68.8	68.8	69.4	69.8	69.8	71.3	71.7	73.3	73.8
5000	1.3	53.1	59.8	65.0	67.7	68.1	69.6	69.8	69.8	70.4	70.8	70.8	72.3	72.7	74.4	74.8
≥ 4500	1.5	54.8	61.7	66.9	69.6	70.0	71.5	71.7	71.7	72.3	72.7	72.7	74.2	74.6	76.3	76.7
≥ 4000	1.5	56.3	63.3	68.8	71.5	71.9	73.3	73.5	73.5	74.2	74.6	74.6	76.0	76.5	78.1	78.5
3500	1.5	56.5	63.8	69.2	71.9	72.3	73.8	74.0	74.0	74.6	75.0	75.0	76.5	76.9	78.5	79.0
3000	1.5	56.7	64.2	69.6	72.3	72.7	74.2	74.4	74.4	75.0	75.4	75.4	76.9	77.3	79.0	79.4
2500	1.5	57.1	64.6	70.2	72.9	73.3	74.8	75.0	75.0	75.6	76.0	76.0	77.5	77.9	79.6	80.0
2000	1.5	57.7	65.8	71.3	74.0	74.4	75.8	76.0	76.0	76.7	77.1	77.1	78.5	79.0	80.6	81.0
1800	1.5	58.1	66.3	71.9	74.6	75.0	76.5	76.7	76.7	77.3	77.7	77.7	79.2	79.6	81.3	81.7
1500	1.5	59.6	67.7	73.5	76.9	77.3	79.2	79.4	79.4	80.0	80.4	80.4	81.9	82.3	84.0	84.4
≥ 1200	1.5	60.0	68.3	74.4	77.7	78.1	80.0	80.2	80.2	80.8	81.3	81.3	82.7	83.1	84.8	85.2
≥ 1000	1.5	61.9	70.4	76.9	80.2	80.8	82.7	82.9	82.9	83.5	84.0	84.0	85.4	85.8	87.5	88.1
≥ 900	1.5	61.9	70.4	76.9	80.2	80.8	82.7	83.1	83.1	83.8	84.2	84.2	85.6	86.0	87.7	88.3
≥ 800	1.5	62.1	71.0	77.5	80.8	81.5	83.5	84.0	84.0	84.6	85.0	85.0	86.7	87.1	88.8	89.4
700	1.5	62.3	71.3	77.7	81.0	81.7	83.8	84.6	84.6	85.4	85.8	85.8	87.5	87.9	89.6	90.6
≥ 600	1.5	62.3	71.3	77.7	81.5	82.1	84.4	85.4	85.4	86.3	86.9	86.9	88.5	89.0	90.6	91.7
500	1.5	62.5	71.5	77.9	81.9	82.5	84.8	86.3	86.3	87.1	87.9	87.9	89.6	90.0	91.9	93.5
≥ 400	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	88.8	89.8	89.8	91.9	92.3	94.4	97.1
≥ 300	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	89.0	90.2	90.4	92.5	92.9	95.0	98.3
≥ 200	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	89.0	90.2	90.4	92.5	93.3	95.8	99.4
≥ 100	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	89.0	90.2	90.4	92.5	93.3	95.8	99.8
	1.5	62.5	71.5	78.8	83.3	84.0	86.3	87.9	87.9	89.0	90.2	90.4	92.5	93.3	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 480

USAF ETAC 1 JUL 64 6-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	5.3	57.5	59.7	59.8	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0
≥20000	5.4	63.5	65.6	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2
≥18000	5.4	63.9	66.0	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6
≥15000	5.4	64.1	66.2	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8
≥14000	5.4	64.9	67.6	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3
≥12000	5.4	68.0	70.8	71.2	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4
≥10000	5.6	69.7	72.9	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2
≥9000	5.6	70.5	73.4	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9
≥8000	5.8	71.4	74.3	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9
7000	5.8	72.0	74.9	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5
≥6000	5.8	74.9	77.8	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4
≥5000	5.8	76.1	79.0	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5
≥4500	5.8	77.6	80.7	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3
≥4000	6.0	79.5	82.9	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2
≥3500	6.0	79.9	83.0	83.4	83.4	83.4	83.6	83.8	83.8	83.8	83.8	83.8
≥3000	6.0	80.7	83.8	84.2	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7
≥2500	6.0	81.5	84.6	84.9	85.1	85.1	85.3	85.5	85.5	85.5	85.5	85.5
≥2000	6.2	82.8	85.9	86.3	86.5	86.5	86.7	86.9	86.9	86.9	86.9	86.9
≥1800	6.6	84.4	87.5	87.8	88.0	88.0	88.2	88.4	88.4	88.4	88.4	88.4
≥1500	6.6	86.1	89.4	89.8	90.0	90.5	90.7	90.9	90.9	90.9	90.9	90.9
≥1200	6.6	87.3	90.7	91.3	91.5	92.1	92.3	92.5	92.5	92.5	92.5	92.5
≥1000	6.6	88.2	92.1	92.9	93.1	93.6	93.8	94.2	94.2	94.2	94.2	94.4
900	6.6	88.6	92.7	93.8	94.0	94.6	94.8	95.2	95.2	95.2	95.2	95.4
≥800	6.6	88.8	93.1	94.6	95.0	95.8	95.9	96.3	96.3	96.3	96.5	96.7
≥700	6.6	89.2	93.9	95.4	96.1	96.9	97.1	97.5	97.5	97.5	97.7	97.9
≥600	6.6	89.6	94.2	96.1	97.1	97.9	98.1	98.5	98.5	98.5	98.6	98.8
≥500	6.6	89.8	94.8	96.7	97.7	98.5	98.6	99.0	99.0	99.0	99.2	99.4
≥400	6.6	89.8	94.8	96.7	97.7	98.5	98.8	99.2	99.2	99.4	99.4	99.6	99.6	99.8	99.8
300	6.6	90.0	95.0	96.9	97.9	98.6	99.0	99.4	99.4	99.4	99.6	99.8	99.8	100.0	100.0
≥200	6.6	90.0	95.0	96.9	97.9	98.6	99.0	99.4	99.4	99.4	99.6	99.8	99.8	100.0	100.0
≥100	6.6	90.0	95.0	96.9	97.9	98.6	99.0	99.4	99.4	99.4	99.6	99.8	99.8	100.0	100.0
≥0	6.6	90.0	95.0	96.9	97.9	98.6	99.0	99.4	99.4	99.4	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 518

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥5	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1/4	≥0
NO CEILING	4.[illegible]	[illegible].0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥20000	7.9	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥15000	7.9	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥10000	7.9	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥7000	7.9	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥6000	7.9	73.5	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥5000	7.9	74.7	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥4500	7.9	76.0	76.8	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
4000	8.1	77.2	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥3500	8.1	78.1	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥3000	8.1	79.5	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥2500	8.1	81.4	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
2400	8.1	82.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
2300	8.1	84.9	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
2200	8.1	87.4	88.8	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
2100	8.1	89.4	90.9	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
≥2000	8.3	91.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥1800	8.5	94.8	96.5	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
1700	8.5	94.8	96.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1600	8.5	95.7	97.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥1200	8.5	96.1	97.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1000	8.5	96.1	98.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	8.5	96.1	98.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥800	8.5	96.1	98.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	8.5	96.1	98.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	8.5	96.3	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	8.5	96.3	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	8.5	96.3	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	8.5	96.3	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	8.5	96.3	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	8.5	96.3	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	8.5	96.3	98.3	99.6	99.8	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 517

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	26	26			22								25 16	24	20	
NO CEILING	56.3	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
20000	66.8	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
18000	67.0	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
15000	67.0	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
10000	68.2	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
7000	71.1	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
6000	73.9	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
5000	76.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
4000	78.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
3500	79.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
3000	79.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2500	82.0	84.2	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
2000	85.6	86.8	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
1800	88.1	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1500	90.1	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	91.9
1000	91.5	92.3	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
900	93.3	94.5	95.1	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
800	93.9	95.1	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
700	94.1	95.3	96.0	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
600	94.7	96.5	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
500	95.5	96.8	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
400	95.7	97.0	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
300	95.7	97.0	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
200	95.7	97.0	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100	96.2	97.4	98.4	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
60	96.2	97.0	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
50	96.2	97.0	98.6	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
40	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10	96.2	98.0	99.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.2	98.0	99.0	99.4	99.8	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 494

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
NO CEILING	4.1	64.2	65.6	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥20000	6.9	73.3	74.7	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥18000	6.9	73.8	75.4	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥15000	6.9	74.1	75.5	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥14000	6.9	74.4	75.8	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥12000	7.2	76.0	77.4	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥10000	7.7	79.1	80.4	81.0	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
≥9000	8.0	80.7	82.1	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥8000	8.3	84.0	85.0	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥7000	8.3	85.4	87.3	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
≥6000	8.3	86.0	87.9	88.4	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
≥5000	8.3	88.7	90.9	91.2	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
≥4500	8.3	89.5	91.9	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥4000	8.3	91.7	93.7	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥3500	8.3	92.6	95.0	95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥3000	8.3	93.7	96.4	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥2500	8.3	93.9	96.7	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥2000	8.3	94.2	97.0	97.5	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
1800	8.3	94.2	97.0	97.5	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
1500	8.3	94.8	97.8	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥1200	8.3	94.8	97.8	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
1100	8.3	94.8	97.8	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
900	8.3	94.8	97.8	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
800	8.3	94.8	97.8	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
≥700	8.3	94.8	97.8	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
≥600	8.3	94.8	97.8	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
500	8.3	94.8	98.1	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
≥400	8.3	94.8	98.1	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
300	8.3	94.8	98.1	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
≥200	8.3	94.8	98.1	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	8.3	94.8	98.1	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
	8.3	94.8	98.1	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

TOTAL NUMBER OF OBSERVATIONS 363

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEAR) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	.5	70.9	74.4	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20000	.5	75.9	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	.5	75.9	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 16000	.5	75.9	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	.5	75.9	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	.5	78.4	81.9	81.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	1.0	82.4	85.9	85.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 9000	1.0	82.9	86.4	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	1.0	84.4	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	1.0	84.4	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000	1.0	84.9	88.9	88.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 5000	1.0	84.9	88.9	88.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	1.0	85.4	89.4	89.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	1.0	87.9	92.5	92.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	1.0	88.4	94.0	94.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	1.0	88.9	96.0	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	1.0	89.9	97.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	1.0	90.5	97.5	97.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	1.0	90.5	97.5	98.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.0	91.0	98.0	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	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.0	91.0	98.0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1	≥0
NO CEILING	3.2	56.0	59.6	59.7	60.2	60.3	60.6	60.7	60.7	60.8	60.9	60.9	61.2	61.2	61.6	61.7
≥ 20000	5.3	63.8	66.5	67.7	68.3	68.4	68.7	68.8	68.8	68.9	69.0	69.0	69.3	69.4	69.7	69.8
≥ 18000	5.3	64.1	66.8	68.0	68.6	68.6	69.0	69.1	69.1	69.2	69.3	69.3	69.5	69.6	69.9	70.1
≥ 15000	5.3	64.2	66.9	68.1	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.7	69.8	70.1	70.2
≥ 14000	5.3	65.1	68.0	69.2	69.9	70.0	70.3	70.4	70.4	70.5	70.6	70.6	70.9	71.0	71.3	71.4
≥ 12000	5.3	67.2	70.3	71.5	72.2	72.3	72.7	72.8	72.8	72.9	73.0	73.0	73.3	73.4	73.7	73.8
≥ 10000	5.5	69.6	72.6	73.9	74.6	74.7	75.1	75.2	75.2	75.3	75.4	75.4	75.7	75.8	76.1	76.2
≥ 9000	5.6	70.6	73.8	75.0	75.7	75.8	76.2	76.3	76.3	76.5	76.6	76.6	76.8	76.9	77.2	77.4
≥ 8000	5.7	72.2	75.5	76.7	77.5	77.6	77.9	78.0	78.0	78.2	78.3	78.3	78.6	78.6	79.0	79.1
≥ 7000	5.7	73.2	76.5	77.8	78.5	78.6	79.0	79.1	79.1	79.2	79.4	79.4	79.6	79.7	80.0	80.2
≥ 6000	5.7	74.4	77.6	78.9	79.6	79.8	80.1	80.2	80.2	80.4	80.5	80.5	80.7	80.8	81.1	81.3
≥ 5000	5.7	76.1	79.4	80.6	81.4	81.5	81.8	82.0	82.0	82.1	82.2	82.2	82.5	82.5	82.9	83.0
≥ 4500	5.7	77.5	80.9	82.1	82.9	83.1	83.4	83.5	83.5	83.7	83.8	83.8	84.0	84.1	84.4	84.6
4000	5.8	79.5	83.0	84.4	85.2	85.3	85.7	85.8	85.8	85.9	86.1	86.1	86.3	86.4	86.7	86.9
≥ 3500	5.8	80.7	84.2	85.8	86.7	86.8	87.2	87.3	87.3	87.4	87.6	87.6	87.8	87.9	88.2	88.4
≥ 3000	5.8	81.7	85.8	87.2	88.1	88.2	88.6	88.7	88.7	88.9	89.0	89.0	89.2	89.3	89.6	89.8
≥ 2500	5.9	82.9	87.1	88.5	89.3	89.5	89.9	90.0	90.0	90.2	90.3	90.3	90.5	90.6	90.9	91.1
2000	5.9	84.0	88.2	89.8	90.6	90.7	91.2	91.3	91.3	91.4	91.5	91.5	91.8	91.9	92.2	92.3
≥ 1800	6.0	84.4	88.7	90.3	91.2	91.3	91.8	91.9	91.9	92.0	92.1	92.1	92.4	92.5	92.8	92.9
≥ 1500	6.0	85.4	89.8	91.4	92.4	92.7	93.2	93.3	93.3	93.4	93.6	93.6	93.8	93.9	94.2	94.4
≥ 1200	6.0	85.9	90.4	92.2	93.2	93.5	94.0	94.1	94.1	94.3	94.4	94.4	94.6	94.7	95.0	95.2
≥ 1000	6.0	86.5	91.2	93.1	94.1	94.5	95.0	95.1	95.1	95.3	95.4	95.4	95.6	95.7	96.1	96.3
≥ 900	6.0	86.6	91.3	93.3	94.4	94.7	95.2	95.4	95.4	95.5	95.6	95.6	95.9	96.0	96.3	96.5
≥ 800	6.0	86.7	91.5	93.6	94.7	95.0	95.6	95.8	95.8	95.9	96.0	96.0	96.3	96.4	96.8	97.0
≥ 700	6.0	86.9	91.7	93.9	95.0	95.4	95.9	96.2	96.2	96.3	96.4	96.4	96.8	96.9	97.2	97.5
≥ 600	6.0	87.0	91.9	94.1	95.4	95.7	96.3	96.6	96.6	96.8	96.9	96.9	97.3	97.3	97.7	98.0
≥ 500	6.0	87.0	92.1	94.3	95.6	96.0	96.6	96.9	96.9	97.1	97.3	97.3	97.6	97.7	98.1	98.5
≥ 400	6.0	87.0	92.2	94.5	96.0	96.4	97.0	97.4	97.4	97.6	97.8	97.8	98.2	98.3	98.8	99.3
≥ 300	6.0	87.1	92.2	94.6	96.0	96.4	97.0	97.4	97.4	97.7	98.0	98.0	98.4	98.5	98.9	99.6
≥ 200	6.0	87.1	92.2	94.6	96.0	96.4	97.0	97.4	97.4	97.7	98.0	98.0	98.4	98.5	99.0	99.9
≥ 100	6.0	87.1	92.2	94.6	96.0	96.4	97.0	97.4	97.4	97.7	98.0	98.0	98.4	98.5	99.0	100.0
≥ 0	6.0	87.1	92.2	94.6	96.0	96.4	97.0	97.4	97.4	97.7	98.0	98.0	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2732

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 70,75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥2	≥5/16	≥¼	0
NO CEILING		71.8	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 20000		71.8	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 18000		71.8	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 16000		71.8	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 14000		71.8	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 12000		71.8	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 10000		71.8	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 9000		71.8	84.6	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000		74.4	87.2	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 7000		74.4	87.2	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 6000		74.4	87.2	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000		74.4	87.2	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500		74.4	87.2	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000		74.4	87.2	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		76.9	96.3	97.4	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		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		76.9	96.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 39

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,74-78 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	1	≥5/16	≥0	≥0
NO CEILING	52.1	60.4	77.8	82.1	82.1	82.9	82.9	82.9	85.5	85.5	86.3	87.2	87.2	87.2	87.2	87.2
≥ 20000	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 18000	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 6000	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 5000	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 4000	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 3000	53.8	70.1	79.5	83.8	83.8	84.6	84.6	84.6	87.2	87.2	88.0	88.9	88.9	88.9	88.9	88.9
≥ 2500	53.8	70.9	80.3	84.6	84.6	85.5	85.5	85.5	88.0	88.0	88.9	89.7	89.7	89.7	89.7	89.7
≥ 2000	53.8	70.9	80.3	84.6	84.6	85.5	85.5	85.5	88.0	88.0	88.9	89.7	89.7	89.7	89.7	89.7
≥ 1500	55.6	76.6	82.1	86.3	86.3	87.2	87.2	87.2	89.7	89.7	90.6	91.5	91.5	91.5	91.5	91.5
≥ 1000	56.4	73.5	82.9	87.2	87.2	88.0	88.0	88.0	90.6	90.6	91.5	92.3	92.3	92.3	92.3	92.3
≥ 900	57.3	74.4	83.8	88.0	88.0	88.9	88.9	88.9	91.5	91.5	92.3	93.2	93.2	93.2	93.2	93.2
≥ 800	58.1	75.2	84.6	88.9	88.9	89.7	89.7	89.7	92.3	92.3	93.2	94.0	94.0	94.0	94.0	94.0
≥ 700	58.1	75.2	84.6	88.9	88.9	89.7	89.7	89.7	92.3	92.3	93.2	94.0	94.0	94.0	94.0	94.0
≥ 600	58.1	75.2	84.6	88.9	88.9	89.7	89.7	89.7	92.3	92.3	93.2	94.0	94.0	94.0	94.0	94.0
≥ 500	59.0	76.1	85.5	89.7	89.7	90.6	90.6	90.6	93.2	93.2	94.0	94.9	94.9	94.9	94.9	94.9
≥ 400	59.0	76.1	85.5	89.7	89.7	90.6	90.6	90.6	93.2	93.2	94.0	94.9	94.9	94.9	94.9	94.9
≥ 300	59.8	76.9	86.3	90.6	90.6	91.5	91.5	91.5	94.0	94.0	94.9	95.7	95.7	95.7	95.7	95.7
≥ 200	59.8	76.9	86.3	90.6	90.6	91.5	91.5	91.5	94.0	94.0	94.9	95.7	95.7	95.7	95.7	95.7
≥ 150	59.8	76.9	86.3	90.6	90.6	91.5	91.5	91.5	94.0	94.0	94.9	95.7	95.7	95.7	95.7	95.7
≥ 100	59.8	76.9	86.3	90.6	90.6	92.3	92.3	92.3	94.9	94.9	95.7	96.6	96.6	96.6	96.6	96.6
≥ 90	61.5	78.6	88.0	92.3	92.3	94.0	94.0	94.0	96.6	96.6	97.4	98.3	98.3	98.3	98.3	98.3
≥ 80	61.5	78.6	88.0	92.3	92.3	94.0	94.0	94.0	96.6	96.6	97.4	98.3	98.3	98.3	98.3	98.3
≥ 70	61.5	78.6	88.0	92.3	92.3	94.0	94.0	94.0	96.6	96.6	97.4	98.3	98.3	98.3	98.3	98.3
≥ 60	62.4	79.5	88.9	93.2	93.2	94.9	94.9	94.9	97.4	97.4	98.3	99.1	99.1	99.1	99.1	99.1
≥ 50	62.4	79.5	88.9	93.2	93.2	94.9	94.9	94.9	97.4	97.4	98.3	99.1	99.1	99.1	99.1	99.1
≥ 40	62.4	79.5	89.7	94.0	94.0	95.7	95.7	95.7	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0
≥ 30	62.4	79.5	89.7	94.0	94.0	95.7	95.7	95.7	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0
≥ 20	62.4	79.5	89.7	94.0	94.0	95.7	95.7	95.7	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0
≥ 10	62.4	79.5	89.7	94.0	94.0	95.7	95.7	95.7	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0
0	62.4	79.5	89.7	94.0	94.0	95.7	95.7	95.7	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 117

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L))

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1	≥0
NO CEILING	.8	43.2	56.0	57.2	62.4	62.8	64.9	65.9	65.9	67.6	68.4	68.6	69.6	69.6	70.5	70.9
≥ 20000	1.0	48.0	59.0	64.7	69.9	70.3	72.3	73.4	73.4	75.1	75.9	76.1	77.3	77.3	78.2	78.8
≥ 18000	1.0	48.0	59.0	64.7	69.9	70.3	72.3	73.4	73.4	75.1	75.9	76.1	77.3	77.3	78.2	78.8
≥ 16000	1.0	48.0	59.0	64.7	69.9	70.3	72.3	73.4	73.4	75.1	75.9	76.1	77.3	77.3	78.2	78.8
≥ 14000	1.0	48.2	59.3	64.9	70.1	70.5	72.6	73.6	73.6	75.3	76.1	76.3	77.5	77.5	78.4	79.0
≥ 12000	1.0	50.1	61.5	67.4	72.6	73.0	75.1	76.1	76.1	77.8	78.6	78.8	80.0	80.0	80.9	81.5
≥ 10000	1.0	50.7	62.6	68.6	73.8	74.2	76.3	77.3	77.3	79.0	79.8	80.0	81.3	81.3	82.1	82.7
≥ 9000	1.0	51.6	63.4	69.4	74.6	75.1	77.1	78.2	78.2	79.8	80.7	80.9	82.1	82.1	83.0	83.6
≥ 8000	1.0	52.6	64.7	70.9	76.1	76.5	78.6	79.6	79.6	81.3	82.3	82.5	83.8	83.8	84.6	85.2
≥ 7000	1.0	53.6	65.7	71.9	77.3	77.8	79.8	80.9	80.9	82.5	83.6	83.8	85.0	85.0	85.9	86.5
≥ 6000	1.5	54.7	67.0	73.8	79.4	79.8	81.9	83.0	83.0	84.6	85.7	85.9	87.3	87.3	88.1	88.8
≥ 5000	1.5	55.5	68.6	74.8	80.5	80.9	83.0	84.0	84.0	85.7	86.7	86.9	88.6	88.6	89.4	90.0
≥ 4500	1.7	55.7	68.8	75.1	80.7	81.1	83.2	84.2	84.2	85.9	86.9	87.1	88.8	88.8	89.6	90.2
≥ 4000	1.7	56.5	69.6	75.9	81.5	81.9	84.0	85.0	85.0	86.7	87.7	87.9	89.6	89.6	90.4	91.1
≥ 3500	1.7	57.4	70.5	76.7	82.3	82.7	84.8	85.9	85.9	87.5	88.6	88.8	90.4	90.4	91.3	91.9
3000	1.7	57.4	70.5	76.7	82.3	82.7	84.8	85.9	85.9	87.5	88.6	88.8	90.4	90.4	91.5	92.1
≥ 2500	1.7	57.4	70.5	76.7	82.3	83.0	85.0	86.1	86.1	87.9	89.0	89.2	90.9	90.9	91.9	92.5
≥ 2000	1.7	57.4	70.9	77.1	82.7	83.4	85.7	86.7	86.7	88.6	89.6	89.8	91.5	91.5	92.5	93.1
≥ 1800	1.7	57.4	70.9	77.1	82.7	83.4	85.7	86.7	86.7	88.6	89.6	89.8	91.5	91.5	92.5	93.1
≥ 1500	1.7	57.6	71.1	77.3	83.0	83.6	85.9	86.9	86.9	88.8	89.8	90.0	91.7	91.7	92.7	93.3
≥ 1200	1.7	58.0	71.7	78.2	83.8	84.4	86.7	87.7	87.7	89.6	90.6	90.9	92.5	92.5	93.6	94.2
≥ 1000	1.7	58.8	72.6	79.2	84.8	85.9	88.4	89.4	89.4	91.3	92.3	92.5	94.2	94.2	95.2	95.8
≥ 900	1.7	59.0	73.0	79.6	85.2	86.3	88.8	89.8	89.8	91.7	92.7	92.9	94.6	94.6	95.6	96.3
≥ 800	1.7	59.7	73.8	80.7	86.3	87.3	89.8	90.9	90.9	92.7	93.8	94.0	95.6	95.6	96.7	97.3
≥ 700	1.7	59.9	74.0	80.9	86.5	87.5	90.0	91.1	91.1	92.9	94.0	94.2	95.8	95.8	96.9	97.5
≥ 600	1.7	59.9	74.0	80.9	86.5	87.5	90.0	91.3	91.3	93.1	94.2	94.4	96.0	96.3	97.3	97.9
500	1.7	59.9	74.2	81.3	87.1	88.1	90.9	92.3	92.5	94.4	95.6	95.8	97.7	97.9	99.0	99.6
≥ 400	1.7	59.9	74.2	81.3	87.1	88.1	90.9	92.3	92.5	94.4	95.6	96.0	97.9	98.1	99.2	99.8
≥ 300	1.7	59.9	74.4	81.5	87.3	88.4	91.1	92.5	92.7	94.6	95.8	96.3	98.1	98.3	99.4	100.0
≥ 200	1.7	59.9	74.4	81.5	87.3	88.4	91.1	92.5	92.7	94.6	95.8	96.3	98.1	98.3	99.4	100.0
≥ 100	1.7	59.9	74.4	81.5	87.3	88.4	91.1	92.5	92.7	94.6	95.8	96.3	98.1	98.3	99.4	100.0
≥ 0	1.7	59.9	74.4	81.5	87.3	88.4	91.1	92.5	92.7	94.6	95.8	96.3	98.1	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 481

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	>0
NO CEILING	6.1	62.5	64.3	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	6.8	71.7	73.8	74.2	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	6.8	72.1	74.2	74.6	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	6.8	72.1	74.2	74.6	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	6.8	73.0	75.2	75.6	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000	6.8	75.6	77.7	78.1	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	6.8	77.0	79.1	79.5	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	6.8	77.5	79.7	80.1	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	7.2	78.9	81.3	81.6	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	7.6	79.5	81.8	82.2	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	7.6	80.5	82.8	83.2	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	7.8	81.4	83.8	84.2	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	7.8	82.8	85.2	85.5	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	7.8	84.0	86.5	86.9	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	7.8	84.8	87.3	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	7.8	86.1	88.7	89.1	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	8.0	87.7	90.2	90.6	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	8.2	89.3	91.8	92.2	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	8.2	90.2	92.8	93.4	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	8.4	92.2	94.9	95.3	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	8.4	93.4	96.1	96.5	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	8.4	94.5	97.2	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	8.4	94.7	97.5	97.9	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	8.4	94.9	97.7	98.2	98.8	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	8.4	95.1	97.9	98.4	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	8.4	95.1	97.9	98.4	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	8.4	95.1	97.9	98.6	99.2	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	8.4	95.1	97.9	98.6	99.2	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.4	95.1	97.9	98.6	99.2	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.4	95.1	97.9	98.6	99.2	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.4	95.1	97.9	98.6	99.2	99.2	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 512

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	2½	2	1½	1¼	1	¾	½	¼	0	1½	1¼	1	¾	½	¼	0
NO CEILING	4.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	6.1	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 15000	6.1	74.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	6.1	74.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	6.1	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 5000	6.1	76.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	6.1	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	6.7	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2000	6.7	82.4	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
≥ 1800	6.7	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	6.7	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1000	6.7	85.9	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
≥ 900	6.7	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 800	7.3	88.7	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
≥ 700	7.3	91.3	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
≥ 600	7.7	93.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	8.3	97.0	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
≥ 400	8.3	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	8.3	97.6	99.4	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
≥ 200	8.3	97.8	99.6	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
≥ 100	8.3	97.8	99.6	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
0	8.3	97.8	99.6	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
900	8.3	97.8	99.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	8.3	97.8	99.6	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
≥ 700	8.3	97.8	99.6	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
≥ 600	8.3	97.8	99.6	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
0	8.3	97.8	99.6	99.4	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.3	97.8	99.6	99.4	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.3	97.8	99.6	99.4	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.3	97.8	99.6	99.4	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.3	97.8	99.6	99.4	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	8.3	97.8	99.6	99.4	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 305

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	26	2	24													
	4.7	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
	6.3	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
	6.3	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	6.3	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	6.3	80.6	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
	6.3	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
	6.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
	6.5	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	6.5	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
	7.3	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	7.3	90.5	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
	7.5	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	7.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	7.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	7.5	94.4	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	7.8	96.3	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	7.8	97.8	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	8.0	98.3	98.5	98.5	98.5	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	8.0	98.3	98.5	98.5	98.5	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	8.0	98.3	98.5	98.5	98.7	98.7	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	8.0	98.3	98.5	98.5	98.7	98.7	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	8.0	98.3	98.5	98.5	98.7	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	8.0	98.3	98.5	98.5	98.7	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	8.0	98.3	98.5	98.5	98.7	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	8.0	98.3	98.5	98.5	98.7	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	8.0	98.3	98.5	98.7	98.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	8.0	98.3	98.5	98.7	98.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	8.0	98.3	98.5	98.7	98.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	8.0	98.3	98.5	98.7	98.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	8.0	98.3	98.5	98.7	98.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	8.0	98.3	98.5	98.7	98.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 464

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEAR) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥21	≥16	≥13	≥11	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1 5/8	≥1 1/4	≥0
NO CEILING		75.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
20000		80.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000		80.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000		80.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000		80.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000		84.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000		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	88.1	88.1
≥ 9000		89.0	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
≥ 8000		89.4	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
≥ 7000	.4	90.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	.4	90.7	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
5000	.4	90.7	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
≥ 4500	.4	91.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	.4	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	.4	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	.4	96.6	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
≥ 2500	.4	97.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.4	97.5	99.6	99.6	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	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.4	97.5	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 236

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,75-77 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥5	≥5	≥4	≥3	≥2	≥2	≥1	≥1½	≥1	≥¾	≥½	≥2	≥5/16	≥¼	≥0
NO CEILING		81.5	85.2	86.1	86.1	86.1	86.1	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 20000		83.3	87.0	88.0	88.0	88.0	88.0	88.9	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 18000		83.3	87.0	88.0	88.0	88.0	88.0	88.9	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 15000		83.3	87.0	88.0	88.0	88.0	88.0	88.9	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 14000		84.3	88.0	88.9	88.9	88.9	88.9	89.8	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 12000		84.3	88.0	88.9	88.9	88.9	88.9	89.8	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000		85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 9000		85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
8000		85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
7000		85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000		85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
5000		85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500		85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
4000		85.2	88.9	89.8	89.8	89.8	89.8	90.7	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500		89.8	93.5	95.4	95.4	95.4	95.4	96.3	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000		90.7	94.4	96.3	96.3	96.3	96.3	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500		91.7	95.4	97.2	97.2	97.2	97.2	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		92.6	96.3	98.1	98.1	98.1	98.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 98

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	3.2	60.9	64.4	66.0	67.2	67.3	67.8	68.0	68.0	68.5	68.7	68.8	69.0	69.0	69.2	69.3
20000	4.1	69.3	73.3	75.0	76.4	76.4	76.9	77.2	77.2	77.7	77.8	77.9	78.2	78.2	78.4	78.5
18000	4.1	69.6	73.6	75.3	76.7	76.8	77.3	77.5	77.5	78.0	78.1	78.2	78.5	78.5	78.7	78.8
15000	4.1	69.6	73.6	75.3	76.7	76.8	77.3	77.5	77.5	78.0	78.1	78.2	78.5	78.5	78.7	78.8
14000	4.1	70.4	74.5	76.2	77.5	77.6	78.1	78.4	78.4	78.8	79.0	79.1	79.4	79.4	79.5	79.7
12000	4.1	72.1	76.2	78.0	79.4	79.4	79.9	80.2	80.2	80.7	80.8	80.9	81.2	81.2	81.4	81.5
10000	4.1	73.8	78.1	79.9	81.2	81.3	81.8	82.0	82.0	82.5	82.7	82.8	83.1	83.1	83.2	83.3
9000	4.2	75.0	79.4	81.1	82.4	82.5	83.0	83.2	83.2	83.7	83.9	84.0	84.2	84.2	84.4	84.5
8000	4.3	76.3	80.6	82.5	83.8	83.9	84.4	84.6	84.6	85.1	85.3	85.4	85.7	85.7	85.9	86.0
7000	4.6	77.3	81.6	83.4	84.8	84.9	85.4	85.6	85.6	86.1	86.3	86.4	86.7	86.7	86.8	87.0
6000	4.7	78.1	82.6	84.4	85.9	85.9	86.4	86.7	86.7	87.2	87.4	87.4	87.8	87.8	87.9	88.1
5000	4.8	79.0	83.5	85.4	86.8	86.9	87.4	87.6	87.6	88.1	88.3	88.4	88.7	88.7	88.9	89.0
4500	4.8	79.7	84.2	86.1	87.5	87.6	88.1	88.3	88.3	88.8	89.0	89.1	89.5	89.5	89.6	89.8
4000	4.9	81.0	85.5	87.4	88.9	89.0	89.4	89.7	89.7	90.2	90.4	90.5	90.8	90.8	91.0	91.1
3500	4.9	82.5	87.1	89.1	90.5	90.6	91.1	91.4	91.4	91.9	92.1	92.2	92.5	92.5	92.7	92.8
3000	5.0	83.8	88.4	90.4	91.9	92.0	92.5	92.7	92.7	93.2	93.4	93.5	93.9	93.9	94.1	94.2
2500	5.2	85.2	89.9	92.0	93.5	93.6	94.2	94.4	94.4	94.9	95.1	95.2	95.6	95.6	95.8	95.9
2000	5.3	85.8	90.6	92.6	94.1	94.2	94.9	95.1	95.1	95.7	95.9	96.0	96.3	96.3	96.5	96.7
1800	5.3	86.0	90.8	92.9	94.4	94.5	95.1	95.4	95.4	95.9	96.1	96.2	96.6	96.6	96.8	96.9
1500	5.3	86.5	91.3	93.4	94.9	95.0	95.7	95.9	95.9	96.5	96.7	96.8	97.2	97.2	97.4	97.5
1200	5.3	86.9	91.8	93.9	95.4	95.5	96.2	96.5	96.5	97.0	97.2	97.3	97.7	97.7	97.9	98.0
1000	5.3	87.3	92.2	94.3	95.9	96.1	96.8	97.1	97.1	97.6	97.8	97.9	98.3	98.3	98.5	98.6
900	5.3	87.4	92.3	94.4	96.0	96.2	97.0	97.2	97.2	97.8	98.0	98.1	98.5	98.5	98.7	98.8
800	5.3	87.6	92.5	94.8	96.3	96.5	97.3	97.5	97.6	98.1	98.3	98.4	98.8	98.8	99.0	99.1
700	5.3	87.7	92.6	94.8	96.4	96.6	97.4	97.6	97.6	98.2	98.4	98.5	98.9	98.9	99.1	99.2
600	5.3	87.7	92.6	94.8	96.4	96.6	97.4	97.6	97.7	98.3	98.5	98.5	98.9	98.9	99.1	99.3
500	5.3	87.7	92.6	95.0	96.6	96.8	97.7	98.1	98.1	98.8	99.0	99.1	99.5	99.6	99.8	99.9
400	5.3	87.7	92.6	95.0	96.6	96.8	97.7	98.1	98.1	98.8	99.1	99.2	99.6	99.6	99.8	100.0
300	5.3	87.7	92.7	95.1	96.7	96.9	97.7	98.1	98.2	98.8	99.1	99.2	99.6	99.7	99.9	100.0
200	5.3	87.7	92.7	95.1	96.7	96.9	97.7	98.1	98.2	98.8	99.1	99.2	99.6	99.7	99.9	100.0
100	5.3	87.7	92.7	95.1	96.7	96.9	97.7	98.1	98.2	98.8	99.1	99.2	99.6	99.7	99.9	100.0
0	5.3	87.7	92.7	95.1	96.7	96.9	97.7	98.1	98.2	98.8	99.1	99.2	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2662

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-75,77-78 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	[illegible]	≥1	[illegible]	[illegible]	≥	≥5/16	≥	≥0
NO CEILING		47.3	69.1	70.9	74.5	74.5	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥20000		61.8	89.1	90.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥18000		61.8	89.1	90.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥16000		61.8	89.1	90.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥14000		61.8	89.1	90.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥12000		61.8	89.1	90.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥10000		61.8	89.1	90.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥9000		61.8	89.1	90.9	94.5	94.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥8000		63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥7000		63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥6000		63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥5000		63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥4500		63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥4000		63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥3500		63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥3000		63.6	90.9	92.7	96.4	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥2500		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥2000		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0		63.6	92.7	94.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 55

USAF ETAC [illegible] (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION NUMBER) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0500 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING		45.5	62.5	64.9	74.3	74.3	77.9	78.8	78.8	79.3	79.7	79.7	79.7	79.7	80.2	80.2
≥ 65		47.3	66.6	68.5	77.9	77.9	81.5	82.4	82.4	82.9	83.3	83.3	83.3	83.3	83.8	83.8
≥ 1800		47.3	66.6	68.5	77.9	77.9	81.5	82.4	82.4	82.9	83.3	83.3	83.3	83.3	83.8	83.8
≥ 5000		47.3	66.6	68.5	77.9	77.9	81.5	82.4	82.4	82.9	83.3	83.3	83.3	83.3	83.8	83.8
≥ 4000		48.2	69.5	69.4	78.8	78.8	82.4	83.3	83.3	83.8	84.2	84.2	84.2	84.2	84.7	84.7
≥ 3000		49.1	69.4	70.3	79.7	79.7	83.3	84.2	84.2	84.7	85.1	85.1	85.1	85.1	85.6	85.6
≥ 2000		51.4	69.7	72.5	82.0	82.0	85.6	86.5	86.5	86.9	87.4	87.4	87.4	87.4	87.8	87.8
≥ 1800		52.7	69.0	74.3	83.8	83.8	87.4	88.3	88.3	88.7	89.2	89.2	89.2	89.2	89.6	89.6
≥ 1500		53.6	69.4	75.7	85.6	85.6	89.2	90.1	90.1	90.5	91.0	91.0	91.0	91.0	91.4	91.4
≥ 1200		54.1	69.8	76.1	86.0	86.0	89.6	90.5	90.5	91.0	91.4	91.4	91.4	91.4	91.9	91.9
≥ 1000		54.5	70.4	76.6	86.5	86.5	90.1	91.0	91.0	91.4	91.9	91.9	91.9	91.9	92.3	92.3
≥ 900		54.5	70.4	76.6	86.5	86.5	90.1	91.0	91.0	91.4	91.9	91.9	91.9	91.9	92.3	92.3
≥ 800		55.0	70.7	77.0	86.9	86.9	90.5	91.4	91.4	91.9	92.3	92.3	92.3	92.3	92.8	92.8
≥ 700		55.4	71.2	77.5	87.4	87.4	91.0	91.9	91.9	92.3	92.8	92.8	92.8	92.8	93.2	93.2
≥ 600		56.3	72.1	78.4	88.3	88.3	91.9	92.8	92.8	93.2	93.7	93.7	93.7	93.7	94.1	94.1
≥ 500		56.3	72.5	78.8	88.7	88.7	92.3	93.2	93.2	93.7	94.1	94.1	94.1	94.1	94.6	94.6
≥ 4500		56.3	72.5	78.8	88.7	88.7	92.3	93.2	93.2	93.7	94.1	94.1	94.1	94.1	94.6	94.6
≥ 4000		56.3	73.0	79.3	89.2	89.2	92.8	93.7	93.7	94.6	95.0	95.0	95.0	95.0	95.5	95.5
≥ 3500		56.3	73.4	79.7	89.6	89.6	93.2	94.1	94.1	95.0	95.5	95.5	95.5	95.5	95.9	95.9
≥ 3000		56.3	73.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	96.4	96.4	96.8	96.8
≥ 2500		56.3	73.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	96.4	96.4	96.8	96.8
≥ 2000		56.3	73.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	96.4	96.4	96.8	96.8
≥ 1800		56.3	73.9	80.2	90.1	90.1	93.7	94.6	94.6	95.5	95.9	95.9	96.4	96.4	96.8	96.8
≥ 1500		56.3	74.8	81.1	91.0	91.0	94.6	95.5	95.5	96.4	96.8	96.8	97.3	97.3	97.7	97.7
≥ 1200		56.3	74.8	81.1	91.0	91.0	94.6	95.5	95.5	96.4	96.8	96.8	97.3	97.3	97.7	97.7
≥ 1000		56.8	75.2	81.5	91.4	91.4	95.0	95.9	95.9	97.3	97.7	97.7	98.2	98.2	98.6	98.6
≥ 900		56.8	75.2	81.5	91.4	91.4	95.0	95.9	95.9	97.3	97.7	98.2	98.6	98.6	99.1	99.1
≥ 800		56.8	75.2	81.5	91.4	91.4	95.0	95.9	95.9	97.3	97.7	98.2	98.6	98.6	99.1	99.1
≥ 700		56.8	75.2	81.5	91.4	91.4	95.0	95.9	95.9	97.3	97.7	98.2	98.6	98.6	99.1	99.1
≥ 600		56.8	75.2	81.5	91.4	91.4	95.0	95.9	95.9	97.3	97.7	98.2	98.6	98.6	99.1	99.1
≥ 500		56.8	75.2	81.5	91.4	91.4	95.0	95.9	95.9	97.3	97.7	98.2	98.6	98.6	99.1	99.1
≥ 400		56.8	75.2	81.5	91.4	91.4	95.0	95.9	95.9	97.3	97.7	98.2	98.6	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 222

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥½	≥2	≥1 5/16	≥¾	≥0
NO CEILING	.2	37.5	48.7	53.6	60.6	60.6	63.5	63.7	63.7	63.9	63.9	63.9	64.3	64.3	64.5	65.3
≥20000	.2	41.4	54.0	59.4	66.9	67.1	70.6	71.0	71.2	71.4	71.4	71.4	72.0	72.0	72.4	73.2
≥18000	.2	41.6	54.2	59.6	67.1	67.3	70.8	71.4	71.6	71.8	71.8	71.8	72.4	72.4	72.8	73.6
≥14000	.2	41.6	54.2	59.6	67.1	67.3	70.8	71.4	[illegible]	71.8	71.8	71.8	72.4	72.4	72.8	73.6
≥12000	.2	41.8	54.6	60.4	68.2	68.4	72.0	72.6	72.8	73.0	73.0	73.0	73.6	73.6	74.0	74.8
≥10000	.2	44.2	57.2	62.9	70.8	71.0	74.6	75.1	75.3	75.5	75.5	75.5	76.1	76.1	76.7	77.5
≥9000	.2	46.5	59.8	65.7	73.8	74.2	77.7	78.3	78.5	78.7	78.7	78.7	79.3	79.3	79.9	80.7
≥8000	.2	48.3	61.9	68.0	76.1	76.5	80.1	80.7	80.9	81.1	81.1	81.1	81.7	81.7	82.2	83.0
≥7000	.2	49.3	63.3	69.4	77.5	77.9	81.5	82.1	82.2	82.4	82.4	82.4	83.0	83.0	83.6	84.4
≥6000	.2	50.3	64.3	70.4	78.7	79.1	82.6	83.2	83.4	83.6	83.6	83.6	84.2	84.2	84.8	85.6
≥5000	.2	50.7	64.7	71.0	79.3	79.7	83.2	83.8	84.0	84.2	84.2	84.2	84.8	84.8	85.4	86.2
≥4500	.2	51.3	65.5	71.8	80.1	80.5	84.0	84.6	84.8	85.0	85.0	85.0	85.6	85.6	86.2	87.0
≥4000	.2	51.3	65.5	71.8	80.1	80.5	84.0	84.8	85.0	85.2	85.2	85.2	85.8	85.8	86.4	87.2
≥3500	.2	51.7	65.9	72.2	80.5	80.9	84.4	85.2	85.4	85.8	85.8	85.8	86.4	86.4	87.0	87.8
≥3000	.2	53.1	67.3	73.6	81.9	82.2	85.8	86.6	86.8	87.2	87.2	87.2	87.8	87.8	88.4	89.2
≥2500	.2	53.5	67.9	74.2	82.4	82.8	86.4	87.2	87.4	87.8	87.8	87.8	88.4	88.6	89.2	89.9
≥2000	.2	53.6	68.2	74.6	83.0	83.4	87.0	87.8	88.0	88.4	88.6	88.6	89.2	89.3	89.9	90.7
≥1800	.2	54.2	69.2	75.5	84.0	84.4	88.0	88.8	89.0	89.3	89.7	89.7	90.3	90.5	91.1	91.9
≥1500	.2	54.2	69.2	75.5	84.0	84.4	88.0	88.8	89.0	89.3	89.7	89.7	90.3	90.5	91.1	91.9
≥1200	.2	54.2	69.4	75.7	84.4	84.8	88.4	89.2	89.3	89.7	90.1	90.1	90.7	90.9	91.5	92.3
≥1000	.2	54.6	69.8	76.3	85.0	85.4	89.0	89.7	89.9	90.3	90.7	90.7	91.3	91.5	92.1	92.9
≥900	.2	55.8	71.2	78.1	87.0	87.4	91.1	92.1	92.3	92.7	93.1	93.1	93.7	93.9	94.5	95.3
≥800	.2	56.0	71.4	78.7	87.6	88.0	91.7	92.7	92.9	93.3	93.7	93.7	94.3	94.5	95.1	95.9
≥700	.2	56.2	72.0	79.3	88.2	88.6	92.3	93.3	93.5	93.9	94.3	94.3	94.9	95.1	95.7	96.4
≥600	.2	56.2	72.2	79.5	88.6	89.0	92.7	93.7	93.9	94.3	94.7	94.7	95.3	95.5	96.1	96.8
≥500	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.1	94.3	94.9	95.3	95.3	95.9	96.1	96.6	97.4
≥400	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.1	94.3	95.1	95.7	95.7	96.3	96.4	97.0	97.8
≥300	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.1	94.3	95.3	95.9	95.9	96.4	97.0	97.6	98.4
≥200	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.3	94.5	95.7	96.3	96.3	96.8	97.4	98.2	99.0
	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.3	94.5	95.7	96.3	96.3	96.8	97.4	98.2	99.4
	.2	56.6	72.6	79.9	89.0	89.3	93.1	94.3	94.5	95.7	96.3	96.3	96.8	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 507

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥	≥	≥	≥	≥	≥	≥	≥0
NO CEILING	.6	52.4	54.9	55.7	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥20000	.6	67.0	69.0	70.4	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥18000	.6	67.8	70.4	71.1	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥16000	.6	68.0	70.6	71.3	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥14000	.6	69.6	72.1	72.9	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥12000	.6	73.1	75.7	76.5	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥10000	.6	76.9	79.0	80.4	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥9000	.6	78.5	81.2	82.0	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥8000	.6	81.0	83.8	84.6	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥7000	.6	82.2	85.0	85.8	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥6000	.6	83.8	86.6	87.4	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥5000	.6	84.0	86.8	87.5	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥4500	.6	84.6	87.4	88.1	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥4000	.6	85.0	87.7	88.5	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥3500	.6	85.4	88.1	89.1	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥3000	.6	87.2	89.9	90.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥2500	.6	88.9	91.7	92.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥2000	.6	90.7	93.5	94.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1800	.6	91.3	94.1	95.1	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥1500	.6	92.9	95.7	96.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥1400	.6	93.5	96.2	97.2	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
≥1200	.6	94.3	97.2	98.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥1000	.6	94.3	97.2	98.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥800	.6	94.7	97.6	98.6	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
≥700	.6	94.7	97.6	98.6	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
≥600	.6	94.7	97.6	98.6	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
≥500	.6	94.7	97.6	98.6	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
≥400	.6	94.7	97.6	98.6	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
≥300	.6	94.7	97.6	98.6	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
≥200	.6	94.7	97.6	98.6	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	.6	94.7	97.6	98.6	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
≥0	.6	94.7	97.6	98.6	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

TOTAL NUMBER OF OBSERVATIONS 506

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	10
NO CEILING	.6	45.5	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
20000	.6	63.5	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
18000	.6	64.8	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
16000	.6	65.0	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
14000	.6	66.6	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
12000	.6	68.8	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
10000	.6	75.4	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
9000	.6	76.0	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
8000	.8	77.5	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
7000	.8	78.7	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
6000	.8	79.7	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
5000	.8	81.3	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
4500	.8	82.8	84.8	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
4000	.8	85.0	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
3500	.8	87.3	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
3000	.8	90.8	93.2	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
2500	.8	92.4	94.7	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2000	.8	93.6	96.1	96.7	96.7	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1800	.8	94.3	96.9	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1700	.8	94.5	97.9	98.4	98.6	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1600	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1500	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1400	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1300	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1200	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1100	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1000	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
200	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
100	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
0	.8	94.7	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 512

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILE ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	.8	44.2	45.4	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	.8	58.9	60.2	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	.8	59.6	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	.8	60.7	61.9	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	.8	62.2	63.5	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	.8	64.5	65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	.8	69.3	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	.8	71.8	73.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	.8	73.9	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	.8	75.4	76.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	.8	76.1	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	.8	78.7	79.9	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	.8	80.5	81.7	82.7	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	.8	85.0	86.3	87.3	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	.8	87.3	88.8	89.9	90.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	.8	90.6	92.4	93.7	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	.8	91.9	93.7	94.9	95.2	95.2	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	.8	92.9	94.7	95.9	96.2	96.2	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1800	.8	93.7	95.7	97.2	97.5	97.5	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	.8	93.7	96.2	97.7	98.0	98.0	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	.8	94.2	96.7	98.2	98.5	98.5	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.8	94.2	96.7	98.2	98.5	98.5	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 394

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12704 AVON PARK RANGE FLORIDA 69-70,73-78 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	.4	49.8	50.6	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	.4	60.1	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	.4	61.3	62.1	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 6000	.4	62.1	62.8	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4000	.4	62.5	63.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 2000	.4	69.2	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 1500	.4	74.7	75.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1000	.4	77.9	78.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 800	.4	80.2	81.0	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
≥ 700	.4	82.2	83.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 600	.4	84.6	85.8	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
≥ 500	.4	87.4	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 450	.4	88.1	89.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 400	.4	89.7	91.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 300	.4	90.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 200	.4	92.1	94.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	.4	93.7	95.7	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 200	.4	94.5	96.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	.4	94.9	96.8	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	.4	94.9	96.8	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	.4	94.9	96.8	98.0	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	.4	95.3	97.2	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
≥ 900	.4	95.3	97.2	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
≥ 800	.4	95.3	97.2	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
≥ 700	.4	95.3	97.2	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
≥ 600	.4	95.3	97.2	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
≥ 500	.4	95.3	97.2	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
≥ 400	.4	95.3	97.2	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
≥ 300	.4	95.3	97.2	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
≥ 200	.4	95.3	97.2	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	.4	95.3	97.2	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
≥ 0	.4	95.3	97.2	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

TOTAL NUMBER OF OBSERVATIONS 253

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

VISIBILITY (WAT TE MILES)

CEILING	>10	>5	>4	>3	>2	>2	>1	>1	>1	>1	>1	>1	5/16	>1	≥0
UNLIMITED		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000		72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000		72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 15000		72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000		72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000		75.5	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000		78.4	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000		79.9	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000		86.3	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000		87.1	89.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000		90.6	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500		92.5	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
≥ 4000		93.5	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
≥ 3500		93.5	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
≥ 3000		93.5	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
≥ 2500		94.2	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
≥ 2000		94.2	96.4	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500		94.2	96.4	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
800		94.2	96.4	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
900		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.2	97.8	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 139

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	2	≥5/16	≥4	≥0
NO CEILING	.4	46.6	51.4	53.3	55.7	55.7	56.6	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.2
≥20000	.4	57.9	63.3	65.3	67.8	67.8	68.9	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.6
≥15000	.4	58.6	64.0	66.0	68.5	68.5	69.6	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.2	70.3
≥10000	.4	58.9	64.3	66.3	68.8	68.8	69.9	70.1	70.1	70.2	70.2	70.2	70.4	70.4	70.5	70.6
≥7000	.4	59.9	65.4	67.4	70.0	70.0	71.1	71.3	71.3	71.4	71.4	71.4	71.6	71.6	71.7	71.8
≥5000	.4	62.7	68.2	70.4	72.9	73.0	74.0	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.7	74.8
≥3000	.4	66.8	72.4	74.7	77.2	77.3	78.4	78.6	78.6	78.7	78.7	78.7	78.9	78.9	79.0	79.2
≥2500	.4	68.5	74.2	76.5	79.1	79.1	80.2	80.4	80.4	80.5	80.6	80.6	80.7	80.7	80.8	81.0
≥2000	.5	70.5	76.4	78.6	81.3	81.3	82.4	82.6	82.7	82.7	82.8	82.8	82.9	82.9	83.0	83.2
≥1500	.5	71.7	77.6	79.8	82.5	82.6	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.3	84.4
≥1000	.5	72.8	78.7	81.1	83.7	83.8	84.9	85.1	85.1	85.2	85.2	85.2	85.4	85.4	85.5	85.7
≥900	.5	74.1	80.1	82.5	85.1	85.2	86.3	86.5	86.6	86.6	86.7	86.7	86.8	86.8	86.9	87.1
≥800	.5	74.9	81.0	83.4	86.1	86.2	87.2	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.9	88.1
≥700	.5	76.4	82.5	84.9	87.6	87.7	88.8	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.5	89.7
≥600	.5	77.7	83.9	86.4	89.1	89.2	90.3	90.5	90.6	90.7	90.7	90.7	90.8	90.8	91.0	91.2
≥500	.5	79.5	85.9	88.3	91.2	91.2	92.3	92.6	92.6	92.7	92.8	92.8	92.9	92.9	93.1	93.2
≥400	.5	80.6	87.0	89.5	92.4	92.5	93.6	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.5	94.6
≥300	.5	81.5	88.1	90.6	93.5	93.5	94.7	95.1	95.1	95.3	95.4	95.4	95.5	95.6	95.7	95.9
≥200	.5	81.9	88.6	91.1	94.1	94.2	95.4	95.7	95.7	95.9	96.1	96.1	96.2	96.2	96.4	96.5
≥150	.5	82.3	89.3	91.8	94.9	95.0	96.2	96.5	96.5	96.8	96.9	96.9	97.1	97.1	97.3	97.4
≥100	.5	82.6	89.7	92.2	95.4	95.4	96.6	97.0	97.0	97.3	97.4	97.4	97.6	97.6	97.8	97.9
≥50	.5	83.0	90.2	92.8	96.0	96.1	97.3	97.7	97.8	98.0	98.1	98.1	98.3	98.3	98.5	98.6
≥30	.5	83.0	90.2	92.9	96.1	96.2	97.4	97.8	97.9	98.1	98.3	98.3	98.4	98.5	98.6	98.8
≥20	.5	83.2	90.4	93.1	96.3	96.4	97.7	98.1	98.1	98.3	98.5	98.5	98.6	98.7	98.8	99.0
≥15	.5	83.2	90.5	93.2	96.4	96.4	97.8	98.1	98.2	98.4	98.6	98.6	98.7	98.8	98.9	99.1
≥10	.5	83.2	90.5	93.2	96.4	96.5	97.8	98.2	98.3	98.5	98.6	98.6	98.8	98.8	99.0	99.1
≥5	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.3	98.4	98.7	98.8	98.8	99.0	99.0	99.2	99.3
≥4	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.3	98.4	98.7	98.9	99.0	99.1	99.1	99.3	99.5
≥3	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.3	98.4	98.8	99.0	99.0	99.2	99.3	99.5	99.6
≥2	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.4	98.4	98.8	99.0	99.1	99.3	99.4	99.6	99.7
≥1	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.4	98.4	98.8	99.0	99.1	99.3	99.4	99.6	99.8
0	.5	83.3	90.6	93.4	96.6	96.6	98.0	98.4	98.4	98.8	99.0	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2588

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
NO CEILING	1.7	66.7	71.8	82.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 20000	1.7	71.8	86.9	88.0	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
≥ 15000	1.7	71.8	86.9	88.0	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
≥ 10000	1.7	71.8	86.9	88.0	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
≥ 7000	1.7	71.8	86.9	88.0	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
≥ 5000	1.7	76.1	87.2	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	1.7	76.1	87.2	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	1.7	76.9	89.0	93.2	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
≥ 2500	1.7	79.5	90.6	95.7	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
≥ 2000	1.7	79.5	90.6	95.7	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
≥ 1800	1.7	79.5	90.6	95.7	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
≥ 1500	1.7	79.5	90.6	95.7	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
≥ 1200	1.7	79.5	90.6	95.7	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
≥ 1000	1.7	79.5	90.6	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	1.7	80.3	91.5	96.6	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
≥ 800	1.7	82.1	93.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	1.7	82.1	93.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	1.7	82.1	93.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	1.7	82.1	93.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.7	82.1	93.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.7	82.1	93.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.7	82.1	93.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.7	82.1	93.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 117

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	26	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	10
	.4	55.5	70.4	73.7	78.5	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
	.4	61.3	79.3	79.6	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
	.4	61.3	79.3	79.6	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
	.4	61.3	79.3	79.6	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
	.4	62.4	77.4	80.7	86.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
	.4	65.3	80.7	83.9	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	.4	68.6	84.3	87.6	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	.4	69.0	84.7	88.0	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
	.4	71.2	86.9	90.1	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	.4	71.2	86.9	90.1	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	.4	71.2	86.9	90.1	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	.4	71.2	86.9	90.1	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	.4	71.2	86.9	90.1	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	.4	71.5	87.2	90.5	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	.4	71.9	87.6	90.9	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	.4	73.0	88.7	92.0	97.4	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	.4	73.0	88.7	92.0	97.4	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	.4	73.4	89.1	92.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	.4	73.4	89.1	92.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	.4	73.4	89.1	92.7	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	.4	73.4	89.1	92.7	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
	.4	74.1	89.8	93.4	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 274

USAF ETAC 0-14-5 FOR A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800 (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		49.7	57.6	62.5	64.3	64.9	65.5	65.5	65.9	65.9	66.1	66.1	66.5	66.5	66.7	66.7
≥ 20000	.2	56.0	60.3	69.4	71.6	72.2	73.2	73.6	74.0	74.0	74.2	74.2	74.6	74.6	74.8	74.8
≥ 18000	.2	56.4	60.7	69.8	72.0	72.6	73.6	74.0	74.4	74.4	74.6	74.6	75.0	75.0	75.1	75.1
≥ 16000	.2	56.8	67.1	70.2	72.4	73.0	74.0	74.4	74.8	74.8	75.0	75.0	75.3	75.3	75.5	75.5
≥ 14000	.2	58.2	68.4	71.8	74.0	74.6	75.5	76.1	76.5	76.5	76.7	76.7	77.1	77.1	77.3	77.3
≥ 12000	.2	60.9	71.4	74.8	77.1	77.7	78.9	79.5	79.9	79.9	80.1	80.1	80.5	80.5	80.7	80.7
≥ 10000	.2	65.5	76.7	80.3	82.6	83.2	84.4	85.0	85.4	85.4	85.6	85.6	86.0	86.0	86.2	86.2
≥ 9000	.4	66.5	77.7	81.3	83.6	84.2	85.4	86.0	86.4	86.4	86.6	86.6	87.0	87.0	87.2	87.2
≥ 8000	.4	68.6	79.9	83.4	85.8	86.4	87.6	88.2	88.6	88.6	88.8	88.8	89.2	89.2	89.3	89.3
≥ 7000	.4	69.4	80.9	84.4	86.8	87.4	88.6	89.2	89.5	89.5	89.7	89.7	90.1	90.1	90.3	90.3
≥ 6000	.4	70.4	81.9	85.4	87.8	88.4	89.5	90.1	90.5	90.5	90.7	90.7	91.1	91.1	91.3	91.3
≥ 5000	.4	70.8	82.2	85.8	88.2	88.8	89.9	90.5	90.9	90.9	91.1	91.1	91.5	91.5	91.7	91.7
≥ 4500	.4	70.8	82.2	85.8	88.2	88.8	89.9	90.5	90.9	90.9	91.1	91.1	91.5	91.5	91.7	91.7
≥ 4000	.4	71.2	82.6	86.2	88.6	89.2	90.3	90.9	91.3	91.3	91.5	91.5	91.9	91.9	92.1	92.1
≥ 3500	.4	71.6	83.0	86.6	89.0	89.5	90.7	91.3	91.7	91.7	91.9	91.9	92.3	92.3	92.5	92.5
≥ 3000	.4	72.8	84.2	87.8	90.1	90.7	91.9	92.5	92.9	92.9	93.1	93.1	93.5	93.5	93.7	93.7
≥ 2500	.4	73.6	85.0	88.6	91.1	91.7	92.9	93.5	93.9	93.9	94.1	94.1	94.5	94.5	94.7	94.7
≥ 2000	.4	74.4	85.8	89.3	91.9	92.5	93.7	94.3	94.7	94.7	94.9	94.9	95.3	95.3	95.5	95.5
≥ 1800	.4	74.6	86.0	89.5	92.1	92.7	93.9	94.5	94.9	94.9	95.1	95.1	95.5	95.5	95.7	95.7
≥ 1500	.4	75.1	86.6	90.1	92.7	93.3	94.5	95.1	95.5	95.5	95.7	95.7	96.1	96.1	96.3	96.3
≥ 1200	.4	75.7	87.2	90.7	93.3	93.9	95.1	95.7	96.1	96.1	96.3	96.3	96.6	96.6	96.8	96.8
≥ 1000	.4	76.5	88.2	91.9	94.9	95.5	96.6	97.2	97.6	97.6	97.8	97.8	98.2	98.2	98.4	98.4
≥ 900	.4	76.5	88.2	91.9	94.9	95.5	96.6	97.2	97.6	97.6	97.8	97.8	98.2	98.2	98.4	98.4
≥ 800	.4	76.7	88.4	92.1	95.1	95.7	96.8	97.4	97.8	97.8	98.0	98.0	98.4	98.4	98.6	98.6
≥ 700	.4	76.7	88.4	92.1	95.1	95.7	96.8	97.4	97.8	97.8	98.0	98.0	98.6	98.6	98.8	98.8
≥ 600	.4	76.7	88.4	92.1	95.1	95.7	96.8	97.4	97.8	97.8	98.0	98.0	98.6	98.6	98.8	98.8
≥ 500	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.8	98.8	99.4	99.4	99.6	99.6
≥ 400	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.8	98.8	99.4	99.4	99.6	99.6
≥ 300	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.8	98.8	99.4	99.4	99.6	99.6
≥ 200	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.8	98.8	99.4	99.4	100.0	100.0
≥ 100	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.8	98.8	99.4	99.4	100.0	100.0
≥ 0	.4	76.9	88.6	92.3	95.3	95.9	97.4	98.0	98.4	98.4	98.8	98.8	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 507

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (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	.2	55.7	56.8	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	.2	68.6	69.7	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	.2	69.5	70.7	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	.2	69.5	70.7	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	.2	72.3	73.4	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	.4	77.5	78.7	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	.4	82.6	83.8	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	.8	83.8	85.0	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 8000	.8	85.4	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	.8	86.1	87.5	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
≥ 6000	.8	86.7	88.1	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	.8	86.9	88.3	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	.8	87.1	88.5	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	.8	88.1	89.5	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
≥ 3500	.8	88.3	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	.8	89.5	90.8	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	.8	91.0	92.4	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	.8	93.2	94.5	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
≥ 1800	.8	93.2	94.5	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
≥ 1500	.8	95.9	97.2	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
≥ 1200	.8	96.3	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	.8	96.7	98.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	.8	96.7	98.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	.8	96.7	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
≥ 700	.8	96.7	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8
≥ 600	.8	96.7	98.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8
≥ 500	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 400	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 300	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	.8	96.7	98.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 512

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	1.0	43.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000	1.0	61.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	1.0	61.7	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	1.0	62.1	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	1.0	64.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	1.2	69.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	1.2	74.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	1.4	75.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	1.4	77.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	1.4	78.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	1.4	78.8	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	1.4	80.2	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	1.4	80.5	81.7	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
≥ 4000	1.4	82.9	84.2	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
≥ 3500	1.4	83.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	1.6	88.3	89.9	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	1.9	92.8	94.4	94.9	94.9	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 2000	2.1	94.4	95.9	96.7	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9
≥ 1800	2.1	94.4	95.9	96.7	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9
≥ 1500	2.1	95.1	96.7	97.5	97.7	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥ 1200	2.1	95.7	97.5	98.2	98.4	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1000	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 900	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 800	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 700	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 600	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 500	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 400	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 300	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 200	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 100	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 0	2.1	95.7	97.5	98.2	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 514

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2	≥7	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥4	≥0
NO CEILING	.8	29.4	29.9	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000	1.1	47.7	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000	1.1	48.2	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 15000	1.1	48.2	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 14000	1.1	52.8	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	1.1	57.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	1.1	64.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	1.1	65.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	1.1	70.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	1.1	71.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	1.1	72.5	73.6	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	1.1	76.0	77.1	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	1.1	78.2	79.[illegible]	79.5	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	1.1	80.6	81.7	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	1.1	81.4	82.5	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	1.1	84.1	85.7	86.8	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	1.1	87.1	88.9	91.1	91.6	91.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	1.1	89.2	91.1	93.5	94.3	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7
≥ 1800	1.1	89.8	91.6	94.1	94.9	94.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2
≥ 1500	1.1	91.1	93.3	96.0	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.7	98.7
≥ 1200	1.1	91.4	93.5	96.2	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	99.2	99.2
≥ 1000	1.1	91.6	93.8	96.5	97.3	97.3	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.5	99.5
≥ 900	1.1	91.6	93.8	96.5	97.3	97.3	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.5	99.5
≥ 800	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7
≥ 700	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7
≥ 600	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7
≥ 500	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7
≥ 400	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.7
≥ 300	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	100.0	100.0
≥ 200	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	100.0	100.0
≥ 100	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	100.0	100.0
≥ 0	1.1	91.9	94.1	96.8	97.6	97.6	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 371

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	2	≥5/16	≥	≥0
NO CEILING	.7	31.1	31.4	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 20000	2.1	53.7	54.1	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	2.1	53.7	54.1	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	2.1	53.7	54.1	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	2.1	59.0	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	2.5	63.6	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	2.5	68.9	69.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	2.5	71.7	72.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000	2.5	74.6	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	2.5	78.1	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
≥ 6000	2.5	78.8	79.9	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	2.5	82.3	83.4	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
4500	2.5	83.0	84.1	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	2.5	84.8	85.9	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	2.5	86.2	87.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	2.5	89.0	91.2	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	2.8	92.9	95.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	2.8	93.3	96.1	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	2.8	93.6	96.5	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
≥ 1500	2.8	93.6	96.5	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
≥ 1200	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	2.8	94.3	97.2	98.9	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 283

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JUN

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	≥5/16	≥1	≥0
NO CEILING	1.3	59.7	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	1.3	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	1.3	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	1.3	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	1.3	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	1.3	79.9	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000	1.3	84.9	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000	1.3	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	1.3	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	1.3	88.7	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
≥ 6000	1.3	88.7	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
≥ 5000	1.3	91.8	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	1.3	91.8	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	1.3	92.5	92.5	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
≥ 3500	1.3	92.5	92.5	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
≥ 3000	1.3	95.0	95.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	1.3	95.6	95.9	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
≥ 2000	1.3	96.2	97.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	1.3	96.2	97.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	1.3	96.2	97.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	1.3	96.2	97.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	1.3	96.9	98.1	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
≥ 900	1.3	96.9	98.1	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
≥ 800	1.3	96.9	98.1	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
≥ 700	1.3	96.9	98.1	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
≥ 600	1.3	96.9	98.1	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
≥ 500	1.3	96.9	98.1	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
≥ 400	1.3	96.9	98.1	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
≥ 300	1.3	96.9	98.1	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
≥ 200	1.3	96.9	98.1	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	1.3	96.9	98.1	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
≥ 0	1.3	96.9	98.1	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

TOTAL NUMBER OF OBSERVATIONS 159

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	.6	46.8	51.2	52.5	53.3	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8
≥ 20000	.8	60.4	64.8	66.2	67.3	67.4	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.9	67.9
≥ 18000	.8	60.8	65.3	66.7	67.7	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 16000	.8	60.9	65.4	66.8	67.8	68.0	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5
≥ 4000	.8	63.4	67.8	69.3	70.3	70.4	70.6	70.8	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0
≥ 12000	.9	67.7	72.3	73.7	74.8	74.9	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5
≥ 10000	.9	72.4	77.2	78.7	79.7	79.8	80.1	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 9000	1.1	73.7	78.4	79.9	81.0	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.7	81.7
≥ 8000	1.1	76.0	80.7	82.2	83.3	83.4	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0
≥ 7000	1.1	77.1	81.9	83.4	84.5	84.6	84.8	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 6000	1.1	77.7	82.6	84.1	85.2	85.3	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0
≥ 5000	1.1	79.1	84.0	85.6	86.7	86.8	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.5	87.5
≥ 4500	1.1	79.6	84.5	86.1	87.2	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 4000	1.1	80.9	85.8	87.5	88.6	88.7	88.9	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3
≥ 3500	1.1	81.5	86.4	88.1	89.2	89.3	89.6	89.7	89.8	89.8	89.8	89.8	89.9	89.9	90.0	90.0
≥ 3000	1.1	83.7	87.0	90.8	91.9	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 2500	1.2	85.9	91.2	93.2	94.4	94.6	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.5	95.5
≥ 2000	1.2	87.1	92.4	94.6	95.9	96.0	96.5	96.6	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9
≥ 1800	1.2	87.2	92.0	94.8	96.1	96.2	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1
≥ 1500	1.2	88.2	93.0	95.8	97.2	97.3	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 1200	1.2	88.6	94.0	96.3	97.6	97.8	98.4	98.5	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥ 1000	1.2	89.0	94.4	96.7	98.2	98.3	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4
900	1.2	89.0	94.4	96.7	98.2	98.3	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4
≥ 800	1.2	89.0	94.5	96.8	98.3	98.4	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.5
≥ 700	1.2	89.0	94.5	96.8	98.3	98.4	99.0	99.2	99.2	99.2	99.3	99.3	99.5	99.5	99.6	99.6
≥ 600	1.2	89.0	94.5	96.8	98.3	98.4	99.0	99.2	99.2	99.2	99.3	99.3	99.5	99.5	99.6	99.6
≥ 500	1.2	89.1	94.5	96.9	98.4	98.5	99.2	99.3	99.4	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 400	1.2	89.1	94.5	96.9	98.4	98.5	99.2	99.3	99.4	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 300	1.2	89.1	94.5	96.9	98.4	98.5	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9
≥ 200	1.2	89.1	94.5	96.9	98.4	98.5	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	100.0	100.0
≥ 100	1.2	89.1	94.5	96.9	98.4	98.5	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	100.0	100.0
≥ 0	1.2	89.1	94.5	96.9	98.4	98.5	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2737

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥5	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	>	≥5/16	≥1	≥0
NO CEILING		88.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 20000		97.4	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
≥ 18000		97.4	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
≥ 16000		97.4	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
≥ 14000		97.4	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
≥ 12000		97.4	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
≥ 10000		97.4	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
≥ 9000		97.4	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
≥ 8000		97.4	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
≥ 7000		97.4	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
≥ 6000		97.4	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
≥ 5000		97.4	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
≥ 4500		97.4	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
≥ 4000		97.4	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
≥ 3500		97.4	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
≥ 3000		97.4	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
≥ 2500		97.4	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
≥ 2000		97.4	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
≥ 1800		97.4	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
≥ 1500		97.4	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
≥ 1200		97.4	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
≥ 1000		97.4	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
≥ 900		97.4	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
≥ 800		97.4	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
≥ 700		97.4	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
≥ 600		97.4	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
≥ 500		97.4	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
≥ 400		97.4	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
≥ 300		97.4	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
≥ 200		97.4	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		97.4	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
≥ 0		97.4	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

TOTAL NUMBER OF OBSERVATIONS 78

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500 (OBS. TIME)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1 1/2	≥1	≥3/4	≥1/2	≥5/16	≥0
NO CEILING	69.1	81.1	83.8	84.9	85.3	87.3	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4
≥ 20000	73.0	84.9	88.0	89.2	89.6	91.5	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7
≥ 18000	73.0	84.9	88.0	89.2	89.6	91.5	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7
≥ 16000	73.0	84.9	88.0	89.2	89.6	91.5	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7
≥ 14000	73.4	85.7	88.8	90.0	90.3	92.3	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4
≥ 12000	73.7	86.1	89.2	90.3	90.7	92.7	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8
≥ 10000	75.7	88.4	91.5	92.7	93.1	95.0	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	76.8	90.0	93.1	94.2	94.6	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	76.8	90.0	93.1	94.6	95.0	96.9	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	76.8	90.0	93.1	94.6	95.0	96.9	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	77.6	90.7	93.8	95.4	95.8	97.7	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	77.6	90.7	93.8	95.4	95.8	97.7	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	77.6	90.7	93.8	95.4	95.8	97.7	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	77.6	90.7	93.8	95.4	95.8	97.7	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	78.0	91.1	94.2	95.8	96.1	98.1	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	78.0	91.1	94.2	96.1	96.5	98.5	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	78.0	91.1	94.2	96.1	96.5	98.5	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.0	91.1	94.6	96.5	96.9	98.8	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 259

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING		61.2	76.1	76.1	78.5	78.7	80.3	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7
≥ 20000		68.3	79.1	83.7	86.1	86.3	88.0	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4
≥ 18000		68.3	79.1	83.7	86.1	86.3	88.0	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4
≥ 16000		68.7	79.5	84.1	86.5	86.7	88.4	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
≥ 14000		70.5	81.3	86.1	88.6	88.8	90.4	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
≥ 12000		72.3	83.1	88.0	90.4	90.6	92.2	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 10000		74.7	85.7	90.8	93.4	93.6	95.2	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6
≥ 9000		75.9	86.9	92.4	95.0	95.2	96.8	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2
≥ 8000		76.1	87.1	92.6	95.2	95.4	97.0	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
≥ 7000		76.3	87.3	92.8	95.4	95.6	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 6000		76.3	87.3	92.8	95.4	95.6	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 5000		76.3	87.3	92.8	95.4	95.6	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 4500		76.7	87.8	93.2	95.8	96.0	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 4000		76.9	88.0	93.6	96.4	96.6	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 3500		76.9	88.0	93.6	96.4	96.6	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 3000		76.9	88.0	93.6	96.4	[illegible]	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 2500		77.5	88.6	94.2	97.0	[illegible]	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 2000		77.5	88.6	94.2	97.0	97.2	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 1800		77.5	88.6	94.2	97.0	97.2	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 1500		77.7	88.8	94.4	97.4	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1200		77.7	88.8	94.4	97.4	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1000		77.7	88.8	94.4	97.4	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 900		77.9	89.0	94.6	97.6	97.8	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 800		77.9	89.0	94.6	97.6	97.8	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 700		77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600		77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500		77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400		77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300		77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200		77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100		77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0		77.9	89.2	94.8	97.8	98.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 498

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	75.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18000	76.0	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	76.0	76.8	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
≥ 3000	80.4	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2000	83.7	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	86.8	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9000	88.0	89.8	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
≥ 8000	89.0	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	89.6	90.0	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
≥ 6000	89.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	90.0	91.0	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
≥ 4500	90.0	91.0	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
≥ 4000	90.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	91.2	92.5	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
≥ 3000	93.3	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
≥ 2500	95.3	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	96.3	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	96.5	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	96.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	96.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	96.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	96.9	99.2	99.6	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	96.9	99.2	99.6	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	96.9	99.2	99.6	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	96.9	99.2	99.6	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	96.9	99.2	99.6	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	96.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 300	96.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 200	96.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100	96.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	96.9	99.2	99.6	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 691

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	27	26	25	24	23	22	21	20	19	18	17	16	15	15½	14	10
NO CEILING		44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000		61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 18000		62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 17000		62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000		67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000		69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000		74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000		74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000		76.8	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
≥ 7000		79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000		79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000		80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500		80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000		81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500		84.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000		89.6	90.6	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500		95.2	96.4	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000		96.2	97.6	98.4	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800		96.4	97.8	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.6	98.2	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 501

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1 4	≥1	≥ 4	≥ 2	≥ 2	≥5 16	≥ 4	≥0
NO CEILING		33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 20000		54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000		54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 16000		54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000		57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000		61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000		68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000		69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000		72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000		75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000		76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000		79.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500		80.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000		84.2	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
≥ 3500		88.0	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000		91.2	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500		93.7	96.5	96.5	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000		95.3	98.1	98.1	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800		95.3	98.1	98.1	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		95.3	98.1	98.1	98.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		95.3	98.1	98.1	98.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0		95.3	98.1	98.1	99.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 317

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		32.6	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 20000		55.8	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000		56.7	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000		57.6	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000		59.8	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000		62.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000		67.4	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
≥ 9000		67.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000		71.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000		75.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000		77.2	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
≥ 5000		79.5	82.1	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500		81.3	83.9	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000		82.1	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500		84.4	87.9	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
≥ 3000		87.1	90.6	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500		87.5	91.5	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000		89.7	94.2	95.5	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800		89.7	95.1	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
≥ 1500		89.7	95.1	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
≥ 1200		89.7	95.1	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
≥ 1000		90.6	96.4	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
≥ 900		90.6	96.4	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
≥ 800		90.6	96.4	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
≥ 700		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0
≥ 400		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0
≥ 300		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0
≥ 200		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0
≥ 100		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0
≥ 0		90.6	96.4	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 224

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000		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	85.2	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
≥ 16000		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
≥ 14000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 12000		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
≥ 10000		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000		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
≥ 8000		92.6	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		95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000		95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000		95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500		95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000		95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500		96.7	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
≥ 3000		96.7	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
≥ 2500		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
≥ 2000		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	100.0	100.0	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		99.2	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	100.0	100.0	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	100.0	100.0	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	100.0	100.0	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	100.0	100.0	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	100.0	100.0	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	100.0	100.0	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	100.0	100.0	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	100.0	100.0	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	100.0	100.0	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	100.0	100.0	100.0	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	100.0	100.0	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	100.0	100.0	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 122

USAF ETAC FORM 1 JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		53.6	57.3	58.4	59.0	59.1	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000		67.6	71.4	72.7	73.3	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000		68.0	71.8	73.1	73.7	73.8	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000		68.3	72.1	73.4	74.0	74.1	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000		71.3	75.1	76.5	77.1	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 12000		73.6	77.6	78.9	79.5	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 10000		77.1	81.2	82.5	83.2	83.3	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 9000		78.1	82.2	83.6	84.3	84.3	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 8000		79.4	83.7	85.1	85.7	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000		80.9	85.2	86.6	87.3	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 6000		81.3	85.6	87.0	87.7	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 5000		82.1	86.4	87.9	88.6	88.7	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500		82.5	86.8	88.2	89.0	89.0	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 4000		83.5	88.0	89.5	90.3	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 3500		85.0	89.6	91.1	91.9	92.0	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000		87.1	92.1	93.8	94.7	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500		89.2	94.3	96.1	97.0	97.1	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000		90.1	95.3	97.1	98.1	98.2	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800		90.2	95.4	97.2	98.2	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1500		90.3	95.6	97.4	98.5	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		90.3	95.6	97.4	98.5	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		90.4	95.7	97.6	98.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900		90.4	95.8	97.6	98.8	98.8	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		90.4	95.8	97.6	98.8	98.8	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		90.4	95.8	97.7	98.8	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		90.4	95.8	97.7	98.8	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 300		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0		90.4	95.8	97.7	98.9	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2490

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1	≥0
NO CEILING		66.1	70.3	72.0	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000		76.3	80.5	83.1	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 18000		76.3	80.5	83.1	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 16000		76.3	80.5	83.1	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 14000		80.5	84.7	87.3	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 12000		80.5	84.7	87.3	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000		84.7	89.0	91.5	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 9000		84.7	89.0	91.5	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000		87.3	91.5	94.1	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 7000		88.1	92.4	94.9	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000		88.1	92.4	94.9	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000		88.1	92.4	94.9	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500		88.1	92.4	94.9	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.8	94.1	96.6	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		89.8	94.1	96.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.8	94.1	96.6	99.2	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 118

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500 (HOUR, LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥ 5/16	≥¼	≥0
NO CEILING		72.9	82.9	84.6	86.0	86.3	86.9	86.9	86.9	87.1	87.7	87.7	87.7	87.7	87.7	87.7
≥ 20000		76.0	80.0	87.7	89.4	89.7	90.6	90.6	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4
≥ 18000		76.0	80.0	87.7	89.4	89.7	90.6	90.6	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4
≥ 16000		76.0	80.0	87.7	89.4	89.7	90.6	90.6	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4
≥ 14000		77.4	87.4	89.1	90.9	91.1	92.0	92.0	92.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9
≥ 12000		78.6	88.6	90.3	92.0	92.3	93.1	93.1	93.1	93.4	94.0	94.0	94.0	94.0	94.0	94.0
≥ 10000		81.4	91.4	93.1	94.9	95.1	96.0	96.0	96.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9
≥ 9000		82.3	92.3	94.0	95.7	96.0	96.9	96.9	96.9	97.1	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000		83.1	93.1	94.9	96.6	96.9	97.7	97.7	97.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000		83.4	93.4	95.1	96.9	97.1	98.0	98.0	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9
≥ 6000		83.4	93.4	95.1	96.9	97.1	98.0	98.0	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000		83.4	93.4	95.1	96.9	97.1	98.0	98.0	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500		84.0	94.0	95.7	97.4	97.7	98.6	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000		84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500		84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000		84.3	94.3	96.0	97.7	98.0	98.9	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		84.3	94.3	96.3	98.0	98.3	99.1	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 350

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-0800 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1 4	≥1	≥ 4	≥ 4	≥	≥5/16	≥ 4	≥0
NO CEILING		64.4	72.0	76.4	78.2	78.9	80.2	80.9	80.9	80.9	81.3	81.5	81.5	81.5	81.5	81.5
≥ 20000		70.8	77.5	83.5	85.5	86.2	87.7	88.4	88.4	88.4	88.7	88.9	88.9	88.9	88.9	88.9
≥ 18000		70.8	77.5	83.5	85.5	86.2	87.7	88.4	88.4	88.4	88.7	88.9	88.9	88.9	88.9	88.9
≥ 16000		71.1	77.9	83.8	85.8	86.6	88.0	88.7	88.7	88.7	89.1	89.3	89.3	89.3	89.3	89.3
≥ 14000		72.8	81.5	85.5	87.5	88.2	89.7	90.4	90.4	90.4	90.7	90.9	90.9	90.9	90.9	90.9
≥ 12000		75.1	84.0	88.0	90.0	90.7	92.2	92.9	92.9	92.9	93.3	93.5	93.5	93.5	93.5	93.5
≥ 10000		78.0	80.9	90.9	92.9	93.6	95.1	95.8	95.8	95.8	96.2	96.4	96.4	96.4	96.4	96.4
≥ 9000		79.3	88.2	92.2	94.2	94.9	96.4	97.1	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6
≥ 8000		80.4	89.5	93.5	95.5	96.2	97.6	98.4	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9
≥ 7000		80.6	89.7	93.6	95.6	96.4	97.8	98.5	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1
≥ 6000		80.6	89.7	93.6	95.6	96.4	97.8	98.5	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1
≥ 5000		80.8	89.8	93.8	95.8	96.6	98.0	98.7	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3
≥ 4500		80.8	89.8	93.8	95.8	96.6	98.0	98.7	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3
≥ 4000		80.8	89.8	93.8	95.8	96.6	98.0	98.7	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3
≥ 3500		80.8	89.8	93.8	95.8	96.6	98.0	98.7	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3
≥ 3000		81.1	90.2	94.2	96.2	96.9	98.4	99.1	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6
≥ 2500		81.1	90.2	94.2	96.2	96.9	98.4	99.1	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6
≥ 2000		81.3	90.4	94.4	96.4	97.1	98.5	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8
≥ 1800		81.3	90.4	94.4	96.4	97.1	98.5	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8
≥ 1500		81.3	90.4	94.4	96.4	97.1	98.5	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8
≥ 1200		81.3	90.4	94.4	96.4	97.1	98.5	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8
≥ 1000		81.3	90.4	94.4	96.4	97.1	98.5	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8
≥ 900		81.3	90.4	94.4	96.4	97.1	98.5	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8
≥ 800		81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 700		81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 600		81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 500		81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 400		81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300		81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200		81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100		81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0		81.5	90.6	94.6	96.6	97.3	98.7	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 551

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	[illegible]	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		63.4	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000		78.3	79.0	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000		78.5	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000		79.1	80.3	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000		83.1	84.3	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 12000		85.2	86.5	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000		88.3	89.8	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
≥ 9000		89.4	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 8000		90.3	91.8	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000		90.5	92.0	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
≥ 6000		91.1	92.5	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
≥ 5000		91.1	92.5	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
≥ 4500		91.1	92.5	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
≥ 4000		91.3	92.7	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500		91.3	92.7	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000		92.9	94.4	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500		94.2	95.6	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
≥ 2000		96.0	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800		96.0	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500		96.5	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200		96.7	98.4	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
≥ 1000		97.3	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		97.3	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800		97.4	99.1	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
≥ 700		97.4	99.1	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
≥ 600		97.4	99.1	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
≥ 500		97.4	99.1	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
≥ 400		97.4	99.1	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
≥ 300		97.4	99.1	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
≥ 200		97.4	99.1	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		97.4	99.1	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
≥ 0		97.4	99.1	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

TOTAL NUMBER OF OBSERVATIONS 549

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000		64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000		65.2	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000		65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000		67.7	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000		69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000		73.6	74.2	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
≥ 9000		75.7	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000		78.4	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000		78.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000		78.6	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000		79.2	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500		79.6	80.3	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000		80.7	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500		82.7	83.3	83.8	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000		88.5	89.2	90.0	90.5	90.5	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500		93.9	95.4	96.5	97.0	97.0	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000		94.8	96.5	97.6	98.3	98.3	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800		94.8	96.5	97.6	98.3	98.3	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500		95.0	96.7	97.8	98.5	98.5	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.4	97.0	98.1	98.9	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 538

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 20000		56.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000		56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000		56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000		59.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000		64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000		74.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000		77.4	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000		78.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000		80.7	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
≥ 6000		80.7	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
≥ 5000		81.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500		81.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000		83.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500		88.7	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
≥ 3000		92.0	94.5	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500		93.6	96.0	96.6	96.6	96.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000		94.2	96.6	97.6	97.6	97.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800		94.2	96.6	97.6	97.6	97.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500		94.2	96.6	97.6	97.6	97.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		94.2	96.6	97.6	97.6	97.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.5	96.9	97.9	97.9	98.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 327

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥2	≥5/16	≥¼	≥0
NO CEILING		41.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000		61.4	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000		62.0	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 15000		63.6	64.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000		66.8	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000		72.8	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000		79.9	82.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000		81.0	83.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000		82.6	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 7000		83.2	85.4	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	86.4
≥ 6000		83.7	85.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000		85.3	87.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6		88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500		87.0	89.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2		90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000		87.5	90.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8		91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500		88.0	91.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000		89.1	92.4	93.5	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500		91.8	95.1	96.2	96.2	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000		92.9	96.2	97.8	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800		92.9	96.2	97.8	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 150		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.9	96.2	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 184

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		60.4	61.7	62.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000		74.0	75.3	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000		74.7	76.0	76.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000		75.3	76.6	77.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000		80.5	81.8	82.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 12000		84.4	85.7	86.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 10000		89.6	90.9	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 9000		90.9	92.2	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 8000		94.2	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		96.1	97.4	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		96.8	99.1	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
≥ 400		96.8	99.1	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
≥ 300		96.8	99.1	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
≥ 200		96.8	99.1	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		96.8	99.1	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
≥		96.8	99.1	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

TOTAL NUMBER OF OBSERVATIONS 154

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1/4	≥0
NO CEILING		56.6	60.1	61.1	61.9	62.1	62.4	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000		69.7	72.4	74.7	75.6	75.8	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000		70.0	72.7	75.0	75.9	76.1	76.5	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9
≥ 16000		70.4	74.1	75.4	76.3	76.5	76.9	77.0	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3
≥ 14000		73.2	76.9	78.2	79.1	79.3	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000		75.8	79.5	80.9	81.7	82.0	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000		80.3	84.6	85.5	86.4	86.6	87.0	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4
≥ 9000		81.7	85.9	87.0	87.8	88.1	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000		83.4	87.3	88.7	89.6	89.8	90.2	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 7000		83.9	88.0	89.4	90.2	90.4	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000		84.0	88.1	89.5	90.4	90.7	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4
5000		84.4	88.5	89.9	90.8	91.0	91.4	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8
≥ 4500		84.7	88.7	90.1	91.1	91.3	91.7	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000		85.3	89.5	90.9	91.8	92.0	92.4	92.6	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8
≥ 3500		86.3	90.5	91.9	92.9	93.1	93.5	93.6	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9
≥ 3000		88.3	92.5	94.0	95.0	95.2	95.7	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500		90.0	94.3	95.9	96.9	97.1	97.9	98.0	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3
≥ 2000		90.7	95.1	96.8	97.9	98.2	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800		90.7	95.1	96.8	97.9	98.2	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500		90.8	95.2	96.9	98.1	98.4	99.1	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200		90.9	95.3	97.0	98.2	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		91.1	95.5	97.2	98.4	98.6	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		91.1	95.5	97.2	98.4	98.6	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700		91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600		91.2	95.6	97.3	98.4	98.7	99.5	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500		91.2	95.6	97.3	98.5	98.7	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		91.2	95.6	97.3	98.5	98.7	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		91.2	95.6	97.3	98.5	98.7	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.2	95.6	97.3	98.5	98.7	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.2	95.6	97.3	98.5	98.7	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.2	95.6	97.3	98.5	98.7	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2771

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-75,78 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥15/16	≥1	≥0
NO CEILING		61.8	75.3	75.3	77.5	77.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	83.1	83.1
≥2000		69.7	83.1	83.1	85.4	85.4	89.9	89.9	89.9	89.9	91.0	91.0	91.0	91.0	92.1	92.1
≥1800		69.7	83.1	83.1	85.4	85.4	89.9	89.9	89.9	89.9	91.0	91.0	91.0	91.0	92.1	92.1
≥1500		69.7	83.1	83.1	85.4	85.4	89.9	89.9	89.9	89.9	91.0	91.0	91.0	91.0	92.1	92.1
≥1000		70.8	84.3	84.3	86.5	86.5	91.0	91.0	91.0	91.0	92.1	92.1	92.1	92.1	93.3	93.3
≥900		71.9	86.5	86.5	88.8	88.8	93.3	93.3	93.3	93.3	94.4	94.4	94.4	94.4	95.5	95.5
≥700		75.3	89.9	89.9	92.1	92.1	96.6	96.6	96.6	96.6	97.8	97.8	97.8	97.8	98.9	98.9
≥600		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥500		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥400		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥300		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥250		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥200		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥150		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥100		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥90		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥80		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥70		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥60		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥50		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥40		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥30		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0
≥20		76.4	91.0	91.0	93.3	93.3	97.8	97.8	97.8	97.8	98.9	98.9	98.9	98.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 89

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500 (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		64.8	77.9	82.6	85.4	85.4	87.3	87.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7
>20000		67.1	80.8	85.4	88.3	88.3	90.1	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
>18000		67.1	80.8	85.4	88.3	88.3	90.1	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
≥16000		67.1	80.8	85.4	88.3	88.3	90.1	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
>14000		67.1	80.8	85.4	88.3	88.3	90.1	90.1	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5
≥12000		68.1	86.9	87.3	90.1	90.1	92.0	92.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4
≥10000		68.5	89.6	88.3	91.1	91.1	93.0	93.0	93.0	93.9	93.9	93.9	93.9	93.9	93.9	94.4
≥9000		69.0	89.0	88.7	91.5	91.5	93.4	93.4	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.8
≥8000		69.0	89.0	88.7	91.5	91.5	93.4	93.4	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.8
≥7000		70.4	89.4	90.1	93.0	93.0	94.8	94.8	94.8	95.8	95.8	95.8	95.8	95.8	95.8	96.2
>6000		71.8	89.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
>5000		71.8	89.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
>4500		71.8	89.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
≥4000		71.8	89.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
>3500		71.8	89.9	91.5	94.4	94.4	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7
>3000		72.3	87.8	92.0	94.8	94.8	96.7	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	98.1
>2500		72.3	87.8	92.0	94.8	94.8	96.7	96.7	96.7	97.7	97.7	97.7	97.7	97.7	97.7	98.1
>2000		72.8	87.8	92.5	95.3	95.3	97.2	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.6
≥1800		72.8	87.8	92.5	95.3	95.3	97.2	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.6
≥1500		73.2	88.3	93.0	95.8	95.8	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1
>1200		73.2	88.3	93.0	95.8	95.8	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1
>1000		73.2	88.3	93.0	95.8	95.8	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1
>900		73.2	88.3	93.0	95.8	95.8	97.7	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1
≥800		73.2	88.7	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5
>700		73.2	88.7	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5
>600		73.2	88.7	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5
>500		73.2	88.7	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
>400		73.2	88.7	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
>300		73.2	88.7	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
>200		73.2	88.7	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
≥100		73.2	88.7	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0
≥0		73.2	88.7	93.4	96.2	96.2	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 213

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING		51.7	61.0	66.7	71.5	72.3	74.1	74.7	74.7	75.8	75.8	75.8	76.4	76.4	76.4	76.6
> 20000		56.6	66.4	72.5	77.6	78.4	80.8	81.6	81.6	82.8	83.4	83.4	84.2	84.2	84.6	84.8
≥ 18000		56.6	66.4	72.5	77.6	78.4	80.8	81.6	81.6	82.8	83.4	83.4	84.2	84.2	84.6	84.8
> 16000		57.0	67.1	73.3	78.6	79.4	81.8	82.6	82.6	83.8	84.4	84.4	85.3	85.3	85.7	85.9
≥ 14000		57.4	67.5	73.7	79.0	79.8	82.2	83.0	83.0	84.2	84.8	84.8	85.7	85.7	86.1	86.3
≥ 12000		59.2	69.4	75.8	81.2	82.0	84.4	85.3	85.3	86.5	87.1	87.1	87.9	87.9	88.3	88.5
≥ 10000		60.4	71.1	77.8	83.2	84.0	86.5	87.3	87.3	88.5	89.1	89.1	89.9	89.9	90.3	90.5
≥ 9000		61.0	71.7	78.4	83.8	84.6	87.1	87.9	87.9	89.1	89.7	89.7	90.5	90.5	90.9	91.1
8000		61.8	72.7	79.4	84.8	85.7	88.1	88.9	88.9	90.1	90.7	90.7	91.5	91.5	91.9	92.1
≥ 7000		62.0	72.9	79.6	85.1	85.9	88.3	89.1	89.1	90.3	90.9	90.9	91.7	91.7	92.1	92.3
≥ 6000		62.6	73.5	80.2	85.7	86.5	88.9	89.7	89.7	90.9	91.5	91.5	92.3	92.3	92.7	92.9
≥ 5000		62.6	73.5	80.2	85.7	86.5	88.9	89.7	89.7	90.9	91.5	91.5	92.3	92.3	92.7	92.9
≥ 4500		62.6	73.5	80.2	85.7	86.5	88.9	89.7	89.7	90.9	91.5	91.5	92.3	92.3	92.7	92.9
≥ 4000		62.6	73.5	80.2	85.7	86.5	88.9	89.7	89.7	90.9	91.5	91.5	92.3	92.3	92.7	92.9
≥ 3500		63.0	73.9	80.6	86.1	86.9	89.3	90.1	90.1	91.3	91.9	91.9	92.7	92.7	93.1	93.3
≥ 3000		63.8	74.7	81.4	86.9	87.7	90.1	90.9	90.9	92.1	92.7	92.7	93.5	93.5	93.9	94.1
≥ 2500		63.8	74.7	81.4	86.9	87.7	90.1	90.9	90.9	92.1	92.7	92.7	93.5	93.5	93.9	94.1
≥ 2000		64.2	75.2	81.8	87.3	88.1	90.5	91.3	91.3	92.5	93.1	93.1	93.9	93.9	94.3	94.5
≥ 1800		64.2	75.2	81.8	87.3	88.1	90.5	91.3	91.3	92.5	93.1	93.1	93.9	93.9	94.3	94.5
≥ 1500		64.2	75.2	81.8	87.3	88.1	90.5	91.3	91.3	92.5	93.1	93.1	94.1	94.1	94.5	94.7
≥ 1200		64.4	75.8	82.4	87.9	88.7	91.1	91.9	91.9	93.1	93.7	93.7	94.7	94.7	95.2	95.4
≥ 1000		64.4	75.8	82.6	88.3	89.1	91.5	92.5	92.5	93.9	94.5	94.5	95.6	95.6	96.0	96.2
≥ 900		64.4	75.8	82.6	88.7	89.5	91.9	92.9	92.9	94.3	94.9	94.9	96.0	96.0	96.4	96.6
≥ 800		65.1	76.4	83.4	89.5	90.3	92.7	93.7	93.7	95.2	95.8	95.8	96.8	96.8	97.2	97.4
≥ 700		65.5	76.8	83.8	89.9	90.7	93.1	94.1	94.1	95.6	96.2	96.2	97.2	97.2	97.6	97.8
≥ 600		65.5	76.8	83.8	90.1	90.9	93.3	94.3	94.3	95.8	96.4	96.4	97.4	97.4	97.8	98.0
≥ 500		65.9	77.2	84.2	90.5	91.3	93.9	94.9	95.2	96.6	97.2	97.2	98.2	98.2	99.0	99.2
≥ 400		65.9	77.2	84.2	90.5	91.3	94.1	95.2	95.4	96.8	97.4	97.4	98.4	98.6	99.4	99.6
≥ 300		65.9	77.2	84.2	90.5	91.3	94.1	95.2	95.4	96.8	97.4	97.4	98.4	98.6	99.4	99.6
≥ 200		65.9	77.2	84.2	90.5	91.3	94.1	95.2	95.4	96.8	97.4	97.5	98.6	98.8	99.8	100.0
≥ 100		65.9	77.2	84.2	90.5	91.3	94.1	95.2	95.4	96.8	97.4	97.6	98.6	98.8	99.8	100.0
≥ 0		65.9	77.2	84.2	90.5	91.3	94.1	95.2	95.4	96.8	97.4	97.6	98.6	98.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 495

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	.6	56.1	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	.6	74.2	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	.6	74.8	77.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	.6	75.2	77.9	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
≥ 14000	.6	76.4	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	.6	80.5	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 10000	.6	83.0	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	.6	83.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	.6	84.6	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
≥ 7000	.6	85.0	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	.6	85.5	88.1	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
≥ 5000	.6	86.1	88.9	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	.6	86.3	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	.6	87.1	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	.6	88.1	91.0	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	.6	89.3	92.2	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
≥ 2500	.6	90.6	93.4	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	.6	92.2	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	.6	93.0	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	.6	93.6	96.7	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	.6	94.3	97.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	.6	94.5	97.5	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
≥ 900	.6	95.3	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	.6	95.7	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	.6	95.7	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	.6	95.7	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	.6	95.7	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	.6	95.7	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	.6	95.9	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.6	95.9	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.6	95.9	99.0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.6	95.9	99.0	99.6	99.8	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 488

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
UNLIMITED		43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000		65.7	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000		66.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 16000		66.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000		67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000		72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000		77.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9000		78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000		79.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000		79.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000		82.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000		82.5	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
≥ 4500		82.7	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000		82.9	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500		85.9	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000		90.6	91.6	91.6	91.8	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500		93.6	94.6	94.6	94.8	94.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000		96.4	97.4	97.6	97.8	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800		96.8	97.8	98.0	98.2	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500		97.0	98.0	98.2	98.6	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.4	98.4	98.6	99.0	99.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 502

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥	≥5/16	≥	≥0
NO CEILING		37.5	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 20000		58.1	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 18000		58.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000		58.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000		62.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000		68.9	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000		73.6	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000		76.2	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000		78.3	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000		79.8	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000		81.5	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000		82.1	84.2	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
≥ 4500		83.0	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000		85.0	87.4	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
≥ 3500		88.0	90.6	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
≥ 3000		90.6	93.3	93.8	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500		91.8	94.7	95.3	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000		93.3	96.2	97.4	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800		94.1	97.1	98.2	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		94.4	97.4	98.5	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		94.4	97.4	98.5	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.4	97.4	98.5	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 341

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		50.8	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
20000		69.6	71.9	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000		69.6	71.9	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000		69.6	71.9	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000		71.1	73.5	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000		76.3	79.1	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
≥ 10000		81.4	84.2	85.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 9000		83.0	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
≥ 8000		85.4	88.1	89.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000		85.8	88.5	90.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000		86.8	89.3	90.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000		87.4	90.1	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
≥ 4500		87.7	90.5	92.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000		88.1	90.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500		88.9	91.7	93.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000		90.5	93.3	95.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500		91.3	94.1	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000		92.5	95.3	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
≥ 1800		92.5	95.3	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
≥ 1500		92.5	95.3	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		92.5	95.3	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.9	95.7	98.0	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 252

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1/4	≥0
NO CEILING		60.4	65.5	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000		72.7	77.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 18000		72.7	77.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000		73.4	78.4	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000		73.4	78.4	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000		76.3	81.3	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000		84.9	89.9	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 9000		84.9	89.9	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 8000		87.1	96.1	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000		87.1	96.1	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000		87.1	96.1	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000		87.1	96.1	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500		87.1	96.6	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
≥ 4000		87.1	96.8	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
≥ 3500		87.1	96.8	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
≥ 3000		87.1	96.8	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500		87.1	96.8	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
≥ 2000		88.5	94.2	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
≥ 1800		88.5	94.2	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
≥ 1500		88.5	94.2	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
≥ 1200		88.5	94.2	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
≥ 1000		88.5	94.2	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
≥ 900		88.5	94.2	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
≥ 800		88.5	94.2	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
≥ 700		88.5	94.2	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
≥ 600		88.5	94.2	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
≥ 500		88.5	94.2	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
≥ 400		88.5	94.2	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
≥ 300		88.5	94.2	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
≥ 200		88.5	94.2	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		88.5	94.2	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
≥ 0		88.5	94.2	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

TOTAL NUMBER OF OBSERVATIONS 139

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	.1	50.9	55.6	57.4	58.7	58.9	59.6	59.7	59.7	60.0	60.0	60.0	60.1	60.1	60.1	60.2
≥ 25000	.1	65.6	70.5	72.5	73.9	74.0	74.8	75.0	75.0	75.3	75.5	75.5	75.6	75.6	75.8	75.8
≥ 18000	.1	65.9	70.8	72.8	74.2	74.4	75.2	75.3	75.3	75.6	75.8	75.8	76.0	76.0	76.1	76.2
≥ 16000	.1	66.1	71.1	73.1	74.5	74.7	75.5	75.6	75.6	76.0	76.1	76.1	76.3	76.3	76.4	76.5
≥ 14000	.1	67.4	72.5	74.4	75.9	76.0	76.8	77.0	77.0	77.3	77.5	77.5	77.6	77.6	77.7	77.8
≥ 12000	.1	71.2	76.4	78.6	80.2	80.3	81.1	81.3	81.3	81.6	81.7	81.7	81.9	81.9	82.0	82.1
≥ 11000	.1	74.6	80.0	82.3	83.8	84.0	84.8	84.9	84.9	85.2	85.4	85.4	85.6	85.6	85.7	85.8
≥ 9000	.1	75.6	81.0	83.3	84.9	85.0	85.8	86.0	86.0	86.3	86.5	86.5	86.6	86.6	86.7	86.8
≥ 8000	.1	76.8	82.3	84.6	86.1	86.3	87.1	87.2	87.2	87.5	87.7	87.7	87.9	87.9	88.0	88.1
≥ 7000	.1	77.4	82.9	85.2	86.7	86.9	87.7	87.8	87.8	88.1	88.3	88.3	88.5	88.5	88.6	88.7
≥ 6000	.1	78.5	84.0	86.3	87.9	88.0	88.8	89.0	89.0	89.3	89.4	89.4	89.6	89.6	89.7	89.8
≥ 5000	.1	78.8	84.4	86.7	88.3	88.4	89.2	89.4	89.4	89.7	89.8	89.8	90.0	90.0	90.1	90.2
≥ 4500	.1	79.1	84.6	86.9	88.5	88.7	89.5	89.7	89.7	90.0	90.2	90.2	90.3	90.3	90.4	90.5
≥ 4000	.1	79.6	85.2	87.5	89.1	89.2	90.0	90.2	90.2	90.6	90.7	90.7	90.9	90.9	91.0	91.1
≥ 3500	.1	81.0	86.5	88.9	90.5	90.6	91.4	91.6	91.6	91.9	92.1	92.1	92.3	92.3	92.4	92.5
≥ 3000	.1	82.9	88.5	90.9	92.6	92.8	93.7	93.9	93.9	94.2	94.4	94.4	94.5	94.5	94.6	94.7
≥ 2500	.1	83.9	89.6	92.0	93.7	93.9	94.8	95.0	95.0	95.4	95.5	95.5	95.7	95.7	95.8	95.9
≥ 2000	.1	85.3	91.0	93.5	95.2	95.4	96.3	96.5	96.5	96.9	97.0	97.0	97.2	97.2	97.3	97.4
≥ 1800	.1	85.7	91.3	93.8	95.6	95.8	96.7	96.9	96.9	97.3	97.4	97.4	97.6	97.6	97.7	97.8
≥ 1500	.1	85.9	91.6	94.1	96.0	96.2	97.1	97.3	97.3	97.7	97.8	97.8	98.0	98.0	98.1	98.2
≥ 1200	.1	86.2	91.9	94.4	96.3	96.5	97.4	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.5	98.5
≥ 1000	.1	86.2	92.0	94.6	96.5	96.6	97.6	97.9	97.9	98.3	98.5	98.5	98.7	98.7	98.8	98.8
≥ 900	.1	86.4	92.2	94.7	96.7	96.9	97.8	98.1	98.1	98.5	98.7	98.7	98.9	98.9	99.0	99.1
≥ 800	.1	86.6	92.4	95.0	97.0	97.2	98.1	98.5	98.5	98.8	99.0	99.0	99.2	99.2	99.3	99.4
≥ 700	.1	86.7	92.5	95.1	97.1	97.3	98.2	98.5	98.5	98.9	99.1	99.1	99.3	99.3	99.4	99.5
≥ 600	.1	86.7	92.5	95.1	97.1	97.3	98.3	98.6	98.6	98.9	99.1	99.1	99.3	99.3	99.4	99.5
≥ 500	.1	86.7	92.6	95.2	97.2	97.4	98.4	98.7	98.7	99.1	99.3	99.3	99.5	99.5	99.7	99.8
≥ 400	.1	86.7	92.6	95.2	97.2	97.4	98.4	98.7	98.8	99.1	99.3	99.3	99.5	99.6	99.8	99.9
≥ 300	.1	86.8	92.6	95.2	97.2	97.4	98.5	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.8	99.9
≥ 200	.1	86.8	92.6	95.2	97.2	97.4	98.5	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.9	100.0
≥ 100	.1	86.8	92.6	95.2	97.2	97.4	98.5	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.9	100.0
≥ 0	.1	86.8	92.6	95.2	97.2	97.4	98.5	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2520

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69,75 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 20000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 18000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 14000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9500		68.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000		78.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500		84.2	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		84.2	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		84.2	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
≥ 1500		84.2	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		84.2	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		84.2	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		84.2	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		84.2	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		84.2	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		84.2	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		84.2	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		84.2	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		84.2	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		84.2	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		84.2	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		84.2	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 19

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		57.1	68.9	72.0	77.6	78.3	78.9	78.9	78.9	79.5	79.5	79.5	79.5	79.5	80.1	80.1
≥ 20000		60.9	74.7	75.8	81.4	82.0	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	84.5	84.5
≥ 18000		60.9	74.7	75.8	81.4	82.0	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	84.5	84.5
≥ 16000		60.9	74.7	75.8	81.4	82.0	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	84.5	84.5
≥ 14000		60.9	74.7	75.8	81.4	82.0	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	84.5	84.5
≥ 12000		60.9	74.7	76.4	82.0	82.6	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	85.1	85.1
≥ 10000		61.5	75.9	77.6	83.2	83.9	85.1	85.1	85.1	85.7	85.7	85.7	85.7	85.7	86.3	86.3
≥ 9000		62.1	76.5	78.3	83.9	84.5	85.7	85.7	85.7	86.3	86.3	86.3	86.3	86.3	87.0	87.0
≥ 8000		62.1	76.5	78.3	83.9	84.5	85.7	85.7	85.7	86.3	86.3	86.3	86.3	86.3	87.0	87.0
≥ 7000		62.7	76.5	78.9	84.5	85.1	86.3	86.3	86.3	87.0	87.0	87.0	87.0	87.0	87.6	87.6
≥ 6000		64.6	77.0	81.4	87.0	87.6	88.8	88.8	88.8	89.4	89.4	89.4	89.4	89.4	90.1	90.1
≥ 5000		64.6	77.0	81.4	87.0	87.6	88.8	88.8	88.8	89.4	89.4	89.4	89.4	89.4	90.1	90.1
≥ 4500		65.2	77.6	82.0	87.6	88.2	89.4	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.7	90.7
≥ 4000		66.5	78.9	83.2	88.8	89.4	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.9	91.9
≥ 3500		66.5	78.9	83.2	88.8	89.4	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.9	91.9
≥ 3000		67.1	79.5	83.9	89.4	90.1	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	92.5	92.5
≥ 2500		67.1	79.5	83.9	89.4	90.1	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	92.5	92.5
≥ 2000		67.1	79.5	83.9	89.4	90.1	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	92.5	92.5
≥ 1800		67.1	79.5	83.9	89.4	90.1	91.3	91.3	91.3	91.9	91.9	91.9	91.9	91.9	92.5	92.5
≥ 1500		69.6	82.0	86.3	91.9	92.5	93.8	93.8	93.8	94.4	94.4	94.4	94.4	94.4	95.0	95.0
≥ 1200		69.6	82.0	86.3	92.5	93.2	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.7	95.7
≥ 1000		69.6	82.0	86.3	92.5	93.2	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.7	95.7
≥ 900		69.6	82.0	87.0	93.2	93.8	95.0	95.0	95.0	95.7	95.7	95.7	95.7	95.7	96.3	96.3
≥ 800		69.6	82.0	87.0	93.2	93.8	95.0	95.0	95.0	95.7	95.7	95.7	95.7	95.7	96.3	96.3
≥ 700		69.6	82.6	87.6	93.8	94.4	95.7	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.9	96.9
≥ 600		69.6	82.6	87.6	93.8	94.4	95.7	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.9	96.9
≥ 500		69.6	83.2	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	98.8
≥ 400		69.6	83.2	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	98.8
≥ 300		69.6	83.2	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	98.8
≥ 200		69.6	83.2	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	98.8
≥ 100		69.6	83.2	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	100.0
≥ 0		69.6	83.2	88.2	95.0	95.7	96.9	96.9	96.9	97.5	98.1	98.1	98.1	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 161

USAF ETAC 1 JAN 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		48.9	50.7	64.1	67.6	68.0	68.8	69.0	69.0	69.0	69.2	69.4	69.4	69.4	69.6	69.6
≥ 20000		54.0	64.7	70.4	74.1	74.7	75.8	76.0	76.0	76.2	76.4	76.6	76.6	76.6	76.8	76.8
≥ 18000		54.0	64.7	70.4	74.1	74.7	75.8	76.0	76.0	76.2	76.4	76.6	76.6	76.6	76.8	76.8
≥ 16000		54.0	64.7	70.4	74.1	74.7	75.8	76.0	76.0	76.2	76.4	76.6	76.6	76.6	76.8	76.8
≥ 14000		54.6	65.3	71.3	74.9	75.6	76.6	76.8	76.8	77.0	77.2	77.4	77.4	77.4	77.8	77.8
≥ 12000		56.3	67.1	73.1	76.8	77.6	78.6	78.9	78.9	79.1	79.3	79.5	79.5	79.5	79.9	79.9
≥ 10000		59.8	74.0	77.0	80.7	81.5	82.5	82.8	82.8	83.0	83.2	83.4	83.6	83.6	84.2	84.2
≥ 9000		60.6	72.3	78.2	82.1	83.0	84.0	84.2	84.2	84.4	84.6	84.8	85.0	85.0	85.6	85.6
≥ 8000		62.0	79.9	79.9	83.8	84.6	85.6	85.8	85.8	86.0	86.2	86.4	86.7	86.7	87.3	87.3
≥ 7000		63.7	79.9	81.5	85.4	86.2	87.3	87.5	87.5	87.7	87.9	88.1	88.3	88.3	88.9	88.9
≥ 6000		64.5	79.6	82.5	86.9	87.7	88.7	88.9	88.9	89.1	89.3	89.5	89.7	89.7	90.3	90.3
≥ 5000		65.3	77.8	83.8	88.1	88.9	89.9	90.1	90.1	90.3	90.6	90.8	91.0	91.0	91.6	91.6
≥ 4500		65.7	78.2	84.2	88.5	89.3	90.3	90.6	90.6	90.8	91.0	91.2	91.4	91.4	92.0	92.0
≥ 4000		65.9	78.4	84.4	88.7	89.5	90.6	90.8	90.8	91.0	91.2	91.4	91.6	91.6	92.2	92.2
≥ 3500		67.1	79.7	85.8	90.3	91.2	92.2	92.4	92.4	92.6	92.8	93.0	93.2	93.2	93.8	93.8
≥ 3000		67.6	80.1	86.2	90.8	91.6	92.6	92.8	92.8	93.0	93.2	93.4	93.6	93.6	94.3	94.3
≥ 2500		68.0	80.5	86.7	91.2	92.0	93.0	93.2	93.2	93.4	93.6	93.8	94.0	94.0	94.7	94.7
≥ 2000		68.2	80.7	86.9	91.4	92.2	93.2	93.4	93.4	93.6	93.8	94.0	94.3	94.3	94.9	94.9
≥ 1800		68.2	80.7	86.9	91.4	92.2	93.2	93.4	93.4	93.6	93.8	94.0	94.3	94.3	94.9	94.9
≥ 1500		68.4	80.9	87.1	91.6	92.4	93.4	93.6	93.6	93.8	94.0	94.3	94.5	94.5	95.1	95.1
≥ 1200		68.4	80.9	87.1	91.6	92.4	93.4	93.6	93.6	93.8	94.0	94.3	94.5	94.5	95.1	95.1
> 1000		68.6	81.3	87.5	92.0	92.8	93.8	94.0	94.0	94.5	94.7	94.9	95.3	95.3	95.9	95.9
900		69.2	82.3	88.9	93.4	94.3	95.3	95.5	95.5	95.9	96.1	96.3	96.7	96.7	97.3	97.3
≥ 800		69.2	82.3	88.9	93.4	94.3	95.3	95.5	95.5	96.1	96.3	96.5	96.9	96.9	97.5	97.5
≥ 700		69.2	82.3	88.9	93.4	94.3	95.3	95.5	95.5	96.1	96.3	96.5	96.9	96.9	97.9	97.9
≥ 600		69.2	82.3	88.9	93.4	94.3	95.3	95.5	95.5	96.1	96.3	96.5	96.9	96.9	97.9	97.9
≥ 500		69.2	82.3	88.9	93.6	94.7	95.9	96.1	96.1	97.1	97.7	97.9	98.4	98.4	99.4	99.4
≥ 400		69.2	82.3	88.9	93.6	94.7	95.9	96.1	96.1	97.1	97.7	97.9	98.4	98.4	99.4	99.4
≥ 300		69.2	82.3	88.9	93.6	94.7	95.9	96.1	96.1	97.1	97.7	97.9	98.4	98.4	99.8	99.8
≥ 200		69.2	82.5	89.1	93.8	94.9	96.1	96.3	96.3	97.3	97.9	98.2	98.6	98.6	100.0	100.0
≥ 100		69.2	82.5	89.1	93.8	94.9	96.1	96.3	96.3	97.3	97.9	98.2	98.6	98.6	100.0	100.0
≥ 0		69.2	82.5	89.1	93.8	94.9	96.1	96.3	96.3	97.3	97.9	98.2	98.6	98.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 487

USAF ETAC 1 Oct 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 7/8	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥5/16	≥ 1/8	≥0
NO CEILING		60.2	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000		69.8	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000		70.2	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000		70.2	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000		72.0	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000		74.7	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000		79.8	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000		81.2	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000		83.3	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000		85.5	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000		87.6	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000		88.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500		88.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
4000		88.6	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500		89.2	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000		90.4	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500		91.2	92.7	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000		92.2	93.7	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800		92.4	93.9	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500		93.3	94.9	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200		93.7	95.3	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000		95.1	96.7	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		95.1	97.1	97.8	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		95.7	97.6	98.4	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		95.7	97.6	98.4	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 600		95.9	97.8	98.6	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500		95.9	97.8	98.6	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400		95.9	97.8	98.6	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300		95.9	97.8	98.6	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200		95.9	97.8	98.6	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100		95.9	97.8	98.6	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0		95.9	97.8	98.6	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 510

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING		51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000		65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 18000		65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 16000		66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000		67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000		71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000		76.8	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
≥ 9000		78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000		81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000		84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000		85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000		86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500		86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000		88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
3500		90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000		92.6	92.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500		95.7	96.5	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000		96.3	97.1	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		96.5	97.3	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500		97.1	97.9	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		97.1	98.2	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		97.1	98.2	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800		97.1	98.2	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		97.1	98.4	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.1	98.4	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 513

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	26	25	24	23	22	21	20	19	18	17	16	15	15 16	14	10
NO CEILING	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
22000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
20000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
19000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
18000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
17000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
16000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
15000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
14000	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
13000	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
12000	85.3	85.5	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
11000	88.1	88.4	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
10000	89.0	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
9000	90.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
8000	93.0	93.2	93.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
7000	94.2	94.4	94.4	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
6000	95.3	96.3	96.3	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
5000	95.6	97.4	97.4	97.9	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
4000	95.6	97.4	97.4	97.9	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3500	95.8	97.7	97.7	98.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
3000	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	95.8	97.7	97.7	98.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 429

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES) 10	6	5	4	3	2	1½	1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0
NO CEILING		66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000		75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000		75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000		76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000		77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000		80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000		82.6	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
≥ 9000		83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000		85.2	85.9	86.7	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
≥ 7000		87.0	87.8	88.5	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
≥ 6000		89.6	90.4	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
≥ 5000		91.1	91.9	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500		92.2	93.0	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
≥ 4000		93.0	93.7	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
≥ 3500		93.3	94.4	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000		94.1	95.2	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500		95.2	96.3	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000		95.6	96.7	97.8	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
≥ 1800		95.6	96.7	97.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.6	96.7	97.8	99.3	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		95.6	96.7	97.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.6	96.7	97.8	99.3	99.6	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 270

USAF ETAC 1 Jan 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69,74-78 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		69.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥20000		71.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥18000		71.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥16000		71.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥14000		71.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥12000		73.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥10000		73.7	78.9	78.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥9000		73.7	78.9	78.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥8000		76.3	81.0	84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥7000		76.3	81.0	84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥6000		77.6	84.9	85.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥5000		80.3	85.5	88.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥4500		81.6	88.8	89.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥4000		84.2	89.5	93.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥3500		85.5	90.8	94.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥3000		86.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥2500		86.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥2000		86.8	96.1	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥1800		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1500		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		86.8	96.1	96.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 76

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥	≥	≥5/16	≥	≥0
NO CEILING		55.3	59.5	59.7	60.8	60.9	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4
≥ 20000		64.9	68.2	69.6	70.7	70.9	71.2	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4
≥ 18000		65.1	68.4	69.8	70.9	71.1	71.4	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6
≥ 16000		65.2	68.6	69.9	71.0	71.2	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8
≥ 14000		66.4	69.7	71.1	72.3	72.4	72.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	73.0	73.0
≥ 12000		69.6	73.1	74.5	75.7	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.5
≥ 10000		73.4	77.0	78.4	79.6	79.8	80.1	80.2	80.2	80.2	80.3	80.3	80.4	80.4	80.5	80.5
≥ 9000		74.4	78.1	79.6	80.8	81.0	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.7	81.7
≥ 8000		76.8	80.6	82.2	83.4	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.3	84.3
≥ 7000		79.2	83.0	84.5	85.8	86.0	86.3	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.7	86.7
≥ 6000		80.6	84.4	86.0	87.5	87.7	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.4	88.4
≥ 5000		81.7	85.6	87.3	88.7	88.9	89.2	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.6	89.6
≥ 4500		82.3	86.2	87.8	89.3	89.5	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.2	90.2
≥ 4000		83.3	87.2	88.9	90.3	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.2	91.2
≥ 3500		84.6	88.6	90.3	91.8	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.7	92.7
≥ 3000		85.7	89.9	91.7	93.2	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.2	94.2
≥ 2500		86.9	91.3	93.2	94.8	95.1	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8	96.0	96.0
≥ 2000		87.4	91.9	93.9	95.6	95.9	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8
≥ 1800		87.5	92.0	94.0	95.7	96.1	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	97.0	97.0
≥ 1500		88.0	92.5	94.6	96.3	96.7	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.6	97.6
≥ 1200		88.1	92.7	94.7	96.5	96.9	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.9	97.9
≥ 1000		88.4	93.1	95.1	96.9	97.3	97.9	98.0	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.4
900		88.6	93.3	95.5	97.3	97.8	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.9	98.9
≥ 800		88.7	93.5	95.7	97.5	97.9	98.5	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1
≥ 700		88.7	93.5	95.7	97.5	98.0	98.6	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.3	99.3
≥ 600		88.7	93.6	95.8	97.6	98.1	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.4	99.4
≥ 500		88.7	93.6	95.9	97.7	98.2	98.9	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.8	99.8
≥ 400		88.7	93.6	95.9	97.7	98.2	98.9	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.8	99.8
≥ 300		88.7	93.6	95.9	97.7	98.2	98.9	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.9	99.9
≥ 200		88.7	93.7	95.9	97.8	98.3	98.9	99.0	99.0	99.3	99.4	99.5	99.6	99.6	99.9	99.9
≥ 100		88.7	93.7	95.9	97.8	98.3	98.9	99.0	99.0	99.3	99.4	99.5	99.6	99.6	99.9	100.0
≥ 0		88.7	93.7	95.9	97.8	98.3	98.9	99.0	99.0	99.3	99.4	99.5	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2465

USAF ETAC 1 JAN 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR L.T.)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1 4	≥1	≥ 4		≥	≥5 16	≥ 4	≥0
NO CEILING		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
≥ 20000		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
≥ 18000		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
≥ 16000		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
≥ 13000		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
≥ 12000		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
≥ 10000		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
≥ 9000		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
≥ 8000		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
≥ 7000		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
≥ 6000		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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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		100.0	100.0	100.0	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

TOTAL NUMBER OF OBSERVATIONS 10

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1	≥0
NO CEILING		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 20000		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 18000		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 16000		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 14000		47.6	60.3	63.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	69.8
≥ 12000		52.4	65.1	68.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	74.6
≥ 10000		52.4	65.1	69.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	76.2
≥ 9000		52.4	65.1	69.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	76.2
≥ 8000		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 7000		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 6000		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 5000		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 4500		54.0	66.7	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	77.8
≥ 4000		58.7	71.4	76.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	82.5
≥ 3500		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 3000		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 2500		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 2000		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 1800		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 1500		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 1200		60.3	73.0	77.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	84.1
≥ 1000		60.3	74.6	79.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	85.7
≥ 900		60.3	74.6	79.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	82.5	82.5	82.5	87.3
≥ 800		60.3	74.6	79.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	82.5	82.5	82.5	87.3
≥ 700		60.3	77.8	82.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	85.7	85.7	85.7	90.5
≥ 600		60.3	77.8	82.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	85.7	85.7	85.7	90.5
≥ 500		60.3	77.8	82.5	84.1	84.1	85.7	85.7	85.7	88.9	88.9	88.9	90.5	90.5	90.5	95.2
≥ 400		60.3	77.8	82.5	84.1	84.1	85.7	85.7	85.7	88.9	88.9	88.9	90.5	90.5	90.5	95.2
≥ 300		60.3	77.8	82.5	84.1	84.1	85.7	85.7	85.7	88.9	90.5	90.5	92.1	92.1	92.1	96.8
≥ 200		60.3	77.8	82.5	84.1	84.1	85.7	85.7	85.7	88.9	92.1	92.1	93.7	93.7	95.2	100.0
≥ 100		60.3	77.8	82.5	84.1	84.1	85.7	85.7	85.7	88.9	92.1	92.1	93.7	93.7	95.2	100.0
≥ 0		60.3	77.8	82.5	84.1	84.1	85.7	85.7	85.7	88.9	92.1	92.1	93.7	93.7	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 63

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION NUMBER) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800 (HOUR, LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1	≥0
NO CEILING		40.2	47.7	52.7	55.9	57.0	58.9	60.0	60.0	61.6	62.5	62.5	63.6	63.9	65.0	66.6
≥ 20000		42.7	50.9	56.4	60.0	61.1	63.0	64.1	64.1	65.7	66.8	66.8	68.0	68.2	70.0	71.8
≥ 18000		43.2	51.4	56.8	60.5	61.6	63.4	64.5	64.5	66.1	67.3	67.3	68.4	68.6	70.5	72.3
≥ 16000		43.2	51.4	56.8	60.5	61.6	63.4	64.5	64.5	66.1	67.3	67.3	68.4	68.6	70.5	72.3
≥ 14000		43.6	52.0	57.5	61.1	62.5	64.3	65.5	65.5	67.0	68.2	68.2	69.3	69.5	71.4	73.2
≥ 12000		44.5	53.0	58.4	62.0	63.4	65.2	66.4	66.4	68.0	69.1	69.1	70.2	70.5	72.3	74.1
≥ 10000		46.4	55.0	60.7	64.5	65.9	67.7	68.9	68.9	70.5	71.8	71.8	73.0	73.2	75.0	76.8
≥ 9000		47.0	55.7	61.6	65.5	66.8	68.6	69.8	69.8	71.4	72.7	72.7	73.9	74.1	75.9	77.7
≥ 8000		48.4	57.3	63.2	67.0	68.4	70.2	71.4	71.4	73.0	74.3	74.3	75.5	75.7	77.5	79.3
≥ 7000		50.2	59.2	65.2	69.1	70.5	72.3	73.4	73.4	75.2	76.6	76.6	77.7	78.0	79.8	81.6
≥ 6000		51.1	60.5	66.4	70.2	71.6	73.4	74.5	74.5	76.4	77.7	77.7	78.9	79.1	80.9	82.7
≥ 5000		52.5	61.8	67.7	71.6	73.0	74.8	75.9	75.9	77.7	79.1	79.1	80.2	80.5	82.3	84.1
≥ 4500		52.7	62.0	68.2	72.0	73.4	75.2	76.4	76.4	78.2	79.5	79.5	80.7	80.9	82.7	84.5
≥ 4000		54.3	63.9	70.0	73.9	75.2	77.0	78.2	78.2	80.0	81.4	81.4	82.5	82.7	84.5	86.4
≥ 3500		54.3	63.9	70.0	73.9	75.2	77.0	78.2	78.2	80.0	81.6	81.6	82.7	83.0	84.8	86.6
≥ 3000		54.5	64.2	70.5	74.3	75.7	77.5	78.6	78.6	80.5	82.0	82.0	83.2	83.4	85.2	87.0
≥ 2500		55.2	65.0	71.1	75.0	76.4	78.4	79.5	79.5	81.4	83.2	83.2	84.3	84.8	86.6	88.4
≥ 2000		56.1	66.4	72.5	76.4	77.7	79.8	80.9	80.9	82.7	84.5	84.5	85.7	86.1	88.0	89.8
≥ 1800		56.4	66.6	72.7	76.6	78.0	80.0	81.1	81.1	83.0	84.8	84.8	85.9	86.4	88.2	90.0
≥ 1500		56.4	66.6	72.7	76.6	78.0	80.0	81.1	81.1	83.0	84.8	84.8	85.9	86.4	88.2	90.0
≥ 1200		56.6	67.0	73.2	77.0	78.4	80.5	81.6	81.6	83.4	85.2	85.2	86.4	86.8	88.6	90.5
≥ 1000		57.0	68.0	74.1	78.0	79.3	81.8	83.0	83.0	84.8	86.6	86.6	87.7	88.2	90.0	92.0
≥ 900		57.0	68.0	74.1	78.0	79.3	81.8	83.0	83.0	84.8	86.6	86.6	87.7	88.2	90.0	92.0
≥ 800		57.5	68.4	74.5	78.4	79.8	82.3	83.4	83.4	85.2	87.0	87.0	88.2	88.6	90.5	92.5
≥ 700		57.5	68.4	74.5	78.6	80.0	82.5	83.6	83.6	85.7	87.5	87.5	88.6	89.1	90.9	93.0
≥ 600		57.7	68.6	75.0	79.8	81.1	83.9	85.2	85.2	87.3	89.1	89.1	90.2	90.7	92.5	94.5
≥ 500		57.7	68.6	75.0	79.8	81.4	84.5	85.9	85.9	88.4	90.7	90.7	91.8	92.3	94.3	96.4
≥ 400		57.7	68.6	75.0	80.0	81.6	84.8	86.1	86.1	88.9	91.4	91.4	92.5	93.0	95.0	97.0
≥ 300		57.7	68.6	75.0	80.0	81.6	84.8	86.1	86.1	89.1	91.6	91.8	93.4	93.9	96.1	98.6
≥ 200		57.7	68.6	75.0	80.0	81.6	84.8	86.1	86.1	89.1	91.6	91.8	93.4	93.9	96.4	98.9
≥ [illegible]		57.7	68.6	75.0	80.0	81.6	84.8	86.1	86.1	89.1	91.6	91.8	93.6	94.1	96.8	99.3
≥ 0		57.7	68.6	75.0	80.0	81.6	84.8	86.1	86.1	89.1	91.6	91.8	93.6	94.1	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	≥½	≥	≥5/16	≥¼	≥0
NO CEILING		60.0	62.5	63.1	63.3	63.3	63.7	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000		66.6	69.5	70.1	70.3	70.3	70.7	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000		66.6	69.5	70.1	70.3	70.3	70.7	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000		67.0	69.9	70.5	70.7	70.7	71.1	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000		67.4	70.3	70.9	71.1	71.1	71.5	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000		69.9	72.7	73.4	73.6	73.6	74.0	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000		72.3	75.2	75.8	76.0	76.0	76.4	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000		75.0	77.9	78.5	78.7	78.7	79.1	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000		76.6	79.5	80.1	80.3	80.3	80.7	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000		79.7	82.8	83.4	83.6	83.6	84.0	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000		80.9	84.0	84.6	84.8	84.8	85.5	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000		81.6	84.8	85.5	85.7	85.7	86.3	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500		83.0	86.3	86.9	87.1	87.1	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000		83.4	86.9	87.5	87.7	87.7	88.3	88.7	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.1
≥ 3500		83.8	87.3	87.9	88.3	88.3	88.9	89.3	89.3	89.5	89.5	89.5	89.8	89.8	89.8	89.8
≥ 3000		84.4	87.9	88.5	88.9	88.9	89.5	90.0	90.0	90.2	90.2	90.2	90.4	90.4	90.4	90.4
≥ 2500		84.6	88.1	88.7	89.1	89.1	89.8	90.2	90.2	90.4	90.4	90.4	90.6	90.6	90.6	90.6
≥ 2000		85.5	88.9	89.5	90.0	90.0	90.6	91.0	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.4
≥ 1800		85.7	89.1	89.8	90.2	90.2	90.8	91.2	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6
≥ 1500		85.9	89.3	90.2	90.6	90.6	91.2	91.6	91.6	91.8	91.8	91.8	92.0	92.0	92.0	92.0
≥ 1200		86.3	89.8	90.6	91.0	91.0	91.6	92.0	92.0	92.2	92.2	92.2	92.4	92.4	92.4	92.4
≥ 1000		87.1	90.8	91.6	92.0	92.0	92.6	93.0	93.0	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 900		87.7	91.4	92.2	92.6	92.6	93.2	93.6	93.6	93.9	93.9	93.9	94.1	94.1	94.1	94.1
≥ 800		88.3	92.0	93.2	93.6	93.6	94.3	94.7	94.7	94.9	94.9	94.9	95.1	95.1	95.1	95.1
≥ 700		88.9	92.8	94.3	94.9	94.9	95.5	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.3
≥ 600		89.5	93.4	95.1	95.9	95.9	96.5	96.9	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.3
≥ 500		89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 400		89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 300		89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200		89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 100		89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.6	99.6	99.6	99.8	100.0	100.0	100.0
≥ 0		89.8	93.6	95.7	97.1	97.3	98.6	99.0	99.0	99.6	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 488

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	.6	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	.6	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	.6	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 12000	.6	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 11000	.6	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9000	.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	.6	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	.6	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	.6	90.8	91.0	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
≥ 3000	.6	93.0	93.2	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	.6	93.6	94.3	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	.6	93.6	94.3	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	.6	96.1	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	.6	96.7	97.3	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	.6	97.1	97.7	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
≥ 1000	.6	97.3	98.2	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	.6	97.5	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	.6	97.5	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	.6	97.5	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	.6	97.5	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	.6	97.5	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.6	97.5	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.6	97.5	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.6	97.5	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.6	97.5	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.6	97.5	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 488

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	.7	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	.7	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 15000	.7	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4000	.7	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3000	.7	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000	.7	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1500	.7	77.5	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1000	.7	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 700	.7	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 600	.7	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 500	.7	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 400	.7	89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 300	.7	89.9	90.3	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
≥ 200	.7	92.1	92.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 100	.7	93.7	94.0	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
≥ 0	.7	95.5	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
	.7	95.7	96.6	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
	.7	95.7	96.6	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
	.7	97.3	98.2	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	.7	97.3	98.2	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	.7	97.3	98.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	.7	97.3	98.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	.7	97.3	98.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	.7	97.3	98.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	.7	97.3	98.2	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.7	97.3	98.2	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.7	97.3	98.2	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.7	97.3	98.2	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.7	97.3	98.2	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.7	97.3	98.2	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 446

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING		67.3	69.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000		72.7	73.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000		72.7	73.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000		72.7	73.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000		73.6	74.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000		75.9	76.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 11000		78.2	79.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000		78.6	80.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000		83.2	84.5	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
≥ 7000		85.5	87.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000		88.2	90.0	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
≥ 5000		89.5	91.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	[illegible]	[illegible]	[illegible]	92.7
≥ 4500		90.0	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000		90.5	92.3	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
≥ 3500		91.4	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000		93.6	95.5	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
≥ 2500		94.5	96.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000		95.0	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800		95.0	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500		95.0	97.7	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
≥ 1200		95.0	97.7	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
≥ 1000		95.0	97.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		95.0	97.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		95.0	97.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		95.0	97.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		95.0	97.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		95.5	98.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		95.5	98.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.5	98.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.5	98.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.5	98.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.5	98.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 220

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,75-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	83.3	83.3	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	87.9	87.9	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
≥ 18000	87.9	87.9	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
≥ 16000	87.9	87.9	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
≥ 4000	87.9	87.9	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
≥ 2000	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 10000	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 9000	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 8000	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 7000	93.9	93.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	93.9	93.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	98.5	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
≥ 4500	98.5	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
≥ 4000	98.5	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
≥ 3500	98.5	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
≥ 3000	98.5	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
≥ 2500	98.5	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
≥ 2000	98.5	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
≥ 1800	98.5	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
≥ 1500	98.5	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
≥ 1200	98.5	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
≥ 1000	98.5	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
900	98.5	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
≥ 800	98.5	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
700	98.5	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
≥ 600	98.5	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
500	98.5	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
≥ 400	98.5	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
≥ 300	98.5	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
≥ 200	98.5	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	98.5	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
≥ 0	98.5	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

TOTAL NUMBER OF OBSERVATIONS 66

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 69-70,73-78 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	1¾	1½	1¼	1	1	15/16	≥¾	≥0
NO CEILING	.3	55.9	59.4	59.8	60.5	60.7	61.2	61.4	61.4	61.8	62.0	62.0	62.2	62.2	62.5	62.9
≥ 20000	.3	63.1	65.[illegible]	67.4	68.2	68.4	68.9	69.2	69.2	69.5	69.8	69.8	70.0	70.0	70.4	70.9
≥ 18000	.3	63.5	66.4	67.7	68.5	68.8	69.2	69.5	69.5	69.9	70.1	70.1	70.3	70.4	70.8	71.2
≥ 17000	.3	63.5	66.9	67.8	68.6	68.9	69.3	69.6	69.6	70.0	70.2	70.2	70.4	70.5	70.8	71.3
≥ 15000	.3	63.9	66.7	68.3	69.1	69.4	69.8	70.1	70.1	70.5	70.7	70.7	70.9	71.0	71.3	71.8
≥ 14000	.3	66.2	69.9	70.5	71.3	71.6	72.0	72.3	72.3	72.7	72.9	72.9	73.1	73.2	73.5	74.0
≥ 12000	.3	68.7	71.6	73.2	74.1	74.4	74.8	75.1	75.1	75.5	75.8	75.8	76.0	76.0	76.4	76.9
≥ 11000	.3	70.8	73.8	75.4	76.3	76.6	77.0	77.3	77.3	77.7	78.0	78.0	78.2	78.2	78.6	79.1
≥ 10000	.3	73.1	76.0	77.7	78.5	78.8	79.3	79.6	79.6	79.9	80.2	80.2	80.4	80.5	80.8	81.3
≥ 9000	.3	75.3	78.4	80.0	80.9	81.2	81.6	81.9	81.9	82.3	82.6	82.6	82.8	82.9	83.2	83.7
≥ 8000	.3	77.1	80.3	81.9	82.8	83.1	83.6	83.9	83.9	84.3	84.5	84.5	84.8	84.8	85.2	85.7
≥ 7000	.3	78.7	82.0	83.6	84.5	84.8	85.3	85.6	85.6	86.0	86.3	86.3	86.5	86.5	86.9	87.4
≥ 6000	.3	79.5	82.8	84.5	85.4	85.5	86.1	86.4	86.4	86.8	87.1	87.1	87.3	87.4	87.7	88.2
≥ 5000	.3	80.3	83.6	85.4	86.3	86.6	87.1	87.4	87.4	87.8	88.1	88.1	88.3	88.4	88.7	89.2
≥ 4500	.3	81.4	84.9	86.7	87.6	87.8	88.3	88.6	88.6	89.0	89.4	89.4	89.6	89.7	90.0	90.5
≥ 4000	.3	82.5	85.9	87.7	88.6	88.9	89.4	89.7	89.7	90.1	90.4	90.4	90.7	90.8	91.1	91.6
≥ 3500	.3	83.6	87.1	88.9	89.9	90.2	90.7	91.0	91.0	91.4	91.8	91.8	92.0	92.1	92.5	93.0
≥ 3000	.3	84.2	87.9	89.7	90.7	91.0	91.5	91.8	91.8	92.2	92.6	92.6	92.9	93.0	93.3	93.8
≥ 2500	.3	84.3	88.0	89.8	90.8	91.1	91.6	91.9	91.9	92.3	92.7	92.7	93.0	93.1	93.4	93.9
≥ 2000	.3	85.2	88.9	90.8	91.8	92.1	92.6	93.0	93.0	93.4	93.7	93.7	94.0	94.1	94.5	95.0
≥ 1800	.3	85.4	89.2	91.1	92.1	92.4	92.9	93.3	93.3	93.7	94.1	94.1	94.3	94.4	94.8	95.3
≥ 1500	.3	85.8	89.6	91.8	92.8	93.1	93.8	94.1	94.1	94.5	94.9	94.9	95.2	95.3	95.6	96.2
≥ 1000	.3	86.0	90.0	92.0	93.1	93.3	94.1	94.4	94.4	94.8	95.2	95.2	95.5	95.6	95.9	96.5
≥ 900	.3	86.3	90.3	92.4	93.5	93.7	94.5	94.9	94.9	95.3	95.6	95.6	95.9	96.0	96.4	96.9
≥ 800	.3	86.4	90.5	92.7	93.9	94.1	94.9	95.3	95.3	95.7	96.1	96.1	96.4	96.5	96.8	97.4
≥ 700	.3	86.6	90.7	93.0	94.3	94.6	95.4	95.8	95.8	96.3	96.6	96.6	96.9	97.0	97.4	97.9
≥ 600	.3	86.7	90.8	93.2	94.7	95.0	96.2	96.6	96.6	97.2	97.7	97.7	98.0	98.1	98.5	99.0
≥ 500	.3	86.7	90.8	93.2	94.7	95.1	96.2	96.6	96.6	97.4	97.9	97.9	98.2	98.3	98.7	99.2
≥ 400	.3	86.7	90.8	93.2	94.7	95.1	96.2	96.6	96.6	97.4	98.0	98.0	98.4	98.5	99.0	99.6
≥ 300	.3	86.7	90.8	93.2	94.7	95.1	96.2	96.6	96.6	97.4	98.0	98.1	98.5	98.6	99.1	99.7
≥ 200	.3	86.7	90.8	93.2	94.7	95.1	96.2	96.6	96.6	97.4	98.0	98.1	98.5	98.6	99.2	99.9
≥ [illegible]	.3	86.7	90.8	93.2	94.7	95.1	96.2	96.6	96.6	97.4	98.0	98.1	98.5	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2219

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 68-69,73 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES ≥6	≥5	≥4	≥3	≥2	≥1	7	3	2	2	2	2	≥5/8	2	≥0
NO CEILING	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 20000	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 8000	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	78.0	89.4	90.2	92.7	92.7	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 250	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 150	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 90	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 80	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 70	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 60	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.0	89.4	92.7	95.1	95.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 41

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 68-70,74-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500

CEILING (FEET) \ VISIBILITY (STATUTE MILES)	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	52.3	59.0	56.8	61.4	61.4	61.4	61.4	61.4	63.6	63.6	63.6	63.6	63.6	65.9	65.9
20000	54.5	59.1	59.1	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
15000	54.5	59.1	59.1	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
12000	54.5	59.1	59.1	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
10000	54.5	59.1	59.1	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
9000	54.5	59.1	59.1	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
8000	54.5	59.1	59.1	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
7000	54.5	59.1	59.1	63.6	63.6	63.6	63.6	63.6	65.9	65.9	65.9	65.9	65.9	68.2	68.2
6000	56.8	61.4	61.4	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	68.2	68.2	70.5	70.5
5000	56.8	61.4	61.4	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	68.2	68.2	70.5	70.5
4500	56.8	61.4	61.4	65.9	65.9	65.9	65.9	65.9	68.2	68.2	68.2	68.2	68.2	70.5	70.5
4000	56.8	61.4	63.6	68.2	68.2	68.2	68.2	68.2	70.5	70.5	70.5	70.5	70.5	72.7	72.7
3500	56.8	63.6	65.9	70.5	70.5	70.5	70.5	70.5	72.7	72.7	72.7	72.7	72.7	75.0	75.0
3000	61.4	68.2	70.5	75.0	75.0	75.0	75.0	75.0	77.3	77.3	77.3	77.3	77.3	79.5	79.5
2500	63.6	70.5	72.7	77.3	77.3	77.3	77.3	77.3	79.5	79.5	79.5	79.5	79.5	81.8	81.8
2000	65.9	76.7	75.0	81.8	81.8	81.8	81.8	81.8	84.1	84.1	84.1	84.1	84.1	86.4	86.4
1800	68.2	79.0	77.3	84.1	84.1	84.1	84.1	84.1	86.4	86.4	86.4	86.4	86.4	88.6	88.6
1500	68.2	79.0	77.3	84.1	84.1	86.4	86.4	86.4	88.6	88.6	88.6	88.6	88.6	90.9	90.9
1200	68.2	77.3	79.5	86.4	86.4	88.6	88.6	88.6	90.9	90.9	90.9	90.9	90.9	93.2	93.2
1000	68.2	77.3	79.5	86.4	86.4	88.6	88.6	88.6	90.9	90.9	90.9	90.9	90.9	93.2	93.2
900	68.2	77.3	79.5	86.4	86.4	88.6	88.6	88.6	90.9	90.9	90.9	90.9	90.9	93.2	93.2
800	70.5	79.5	81.8	88.6	88.6	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	95.5	95.5
700	70.5	79.5	81.8	88.6	88.6	90.9	90.9	90.9	93.2	93.2	93.2	93.2	93.2	95.5	95.5
600	72.7	81.8	84.1	90.9	90.9	93.2	93.2	93.2	95.5	95.5	95.5	95.5	95.5	97.7	97.7
500	72.7	81.8	84.1	90.9	90.9	93.2	93.2	93.2	95.5	95.5	95.5	95.5	95.5	97.7	97.7
400	72.7	81.8	84.1	90.9	90.9	93.2	93.2	93.2	95.5	95.5	95.5	95.5	95.5	97.7	97.7
300	72.7	81.8	84.1	90.9	90.9	93.2	93.2	93.2	95.5	95.5	95.5	95.5	95.5	97.7	97.7
200	72.7	81.8	84.1	90.9	90.9	93.2	93.2	93.2	95.5	95.5	95.5	95.5	95.5	97.7	97.7
100	72.7	81.8	84.1	90.9	90.9	93.2	93.2	93.2	95.5	95.5	95.5	95.5	95.5	97.7	97.7
50	72.7	81.8	84.1	90.9	90.9	93.2	93.2	93.2	95.5	95.5	95.5	95.5	95.5	97.7	100.0
0	72.7	81.8	84.1	90.9	90.9	93.2	93.2	93.2	95.5	95.5	95.5	95.5	95.5	97.7	100.0
TOTAL NUMBER OF OBSERVATIONS	44														

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800 (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥7/8	≥3/4	≥5/8	≥1/2	≥3/16	≥0
NO CEILING	38.9	49.7	52.9	59.8	60.7	62.4	62.9	62.9	63.6	64.2	64.2	65.6	66.0	67.1	67.8
≥20000	40.4	50.2	54.4	61.3	62.2	64.0	64.4	64.4	65.3	66.0	66.0	67.3	67.8	69.1	69.8
≥18000	40.4	50.2	54.4	61.3	62.2	64.0	64.4	64.4	65.3	66.0	66.0	67.3	67.8	69.1	69.8
≥16000	40.4	50.2	54.4	61.3	62.2	64.0	64.4	64.4	65.3	66.0	66.0	67.3	67.8	69.1	69.8
≥14000	41.1	50.9	55.1	62.0	62.9	64.7	65.1	65.1	66.0	66.7	66.7	68.0	68.4	69.8	70.4
≥12000	42.9	54.7	57.3	64.2	65.3	67.1	67.6	67.6	68.4	69.1	69.1	70.4	70.9	72.2	72.9
≥10000	44.2	54.0	58.7	65.6	66.7	68.4	68.9	68.9	69.8	70.4	70.4	71.8	72.2	73.8	74.4
≥9000	44.2	54.0	58.7	65.6	66.7	68.4	68.9	68.9	69.8	70.4	70.4	71.8	72.2	73.8	74.4
≥8000	44.7	54.4	59.1	66.0	67.1	68.9	69.3	69.3	70.2	70.9	70.9	72.2	72.7	74.2	74.9
≥7000	45.3	55.3	60.0	67.3	68.4	70.2	70.7	70.7	71.6	72.2	72.2	73.6	74.0	75.6	76.2
≥6000	45.8	55.8	60.4	68.2	69.3	71.1	71.6	71.6	72.4	73.1	73.1	74.4	74.9	76.4	77.1
≥5000	47.3	57.3	62.2	70.0	71.1	72.9	73.3	73.3	74.2	74.9	74.9	76.2	76.7	78.2	78.9
≥4500	47.6	58.0	62.9	70.7	71.8	73.6	74.0	74.0	74.9	75.6	75.6	76.9	77.3	78.9	79.6
≥4000	48.4	57.9	64.9	72.7	73.8	75.6	76.0	76.0	76.9	77.6	77.6	78.9	79.3	80.9	81.6
≥3500	49.1	60.2	65.6	73.3	74.4	76.2	76.7	76.7	77.6	78.2	78.2	79.6	80.0	81.6	82.2
≥3000	50.0	61.6	67.1	74.9	76.0	77.8	78.2	78.2	79.1	79.8	79.8	81.1	81.6	83.1	84.4
≥2500	51.8	63.4	69.3	77.1	78.2	80.0	80.4	80.4	81.3	82.0	82.0	83.3	83.8	85.3	86.7
≥2000	52.2	63.2	70.2	78.0	79.1	81.1	81.6	81.6	82.4	83.1	83.1	84.4	84.9	86.4	87.8
≥1800	52.2	64.2	70.2	78.0	79.1	81.1	81.6	81.6	82.4	83.1	83.1	84.4	84.9	86.4	87.8
≥1500	54.2	66.9	72.9	80.7	81.8	83.8	84.4	84.4	85.3	86.0	86.0	87.3	87.8	89.3	90.7
≥1200	54.4	67.8	73.3	81.1	82.2	84.2	84.9	84.9	85.8	86.4	86.4	87.8	88.2	89.8	91.1
≥1000	54.9	67.8	74.0	81.8	82.9	84.9	85.8	85.8	86.7	87.3	87.3	88.7	89.1	90.7	92.0
≥900	54.9	68.2	74.9	82.7	83.8	85.8	86.7	86.7	87.6	88.2	88.2	89.6	90.0	91.6	92.9
≥800	55.6	69.1	75.8	83.6	84.7	86.7	87.6	87.6	88.4	89.1	89.1	90.7	91.1	92.7	94.0
≥700	55.6	69.1	75.8	83.6	84.7	86.7	87.6	87.6	88.4	89.3	89.3	91.1	91.6	93.3	94.7
≥600	55.6	69.1	75.8	84.0	85.1	87.1	88.0	88.0	88.9	89.8	89.8	91.6	92.0	93.8	95.1
≥500	55.6	69.1	76.0	84.2	85.3	87.8	88.7	88.7	89.6	90.7	90.7	92.9	93.3	95.1	96.4
≥400	55.6	69.1	76.0	84.2	85.3	87.8	88.7	88.7	89.6	90.9	90.9	93.1	93.6	95.3	96.9
≥300	55.6	69.1	76.0	84.2	85.3	88.0	88.9	88.9	90.0	91.3	91.3	93.8	94.2	96.9	98.4
≥200	55.6	69.1	76.0	84.4	85.6	88.4	89.3	89.3	90.4	91.8	91.8	94.2	94.7	97.3	99.3
≥100	55.6	69.1	76.0	84.4	85.6	88.7	89.6	89.6	91.1	92.4	92.4	94.9	95.3	98.0	100.0
≥0	55.6	69.1	76.0	84.4	85.6	88.7	89.6	89.6	91.1	92.4	92.4	94.9	95.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 450

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 68-70,73-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEIL		60.5	65.9	65.5	66.5	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3
≥20000		63.7	67.1	68.7	69.7	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.5
≥18000		63.9	67.3	68.9	69.9	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7
≥17000		63.9	67.3	68.9	69.9	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7
≥4000		63.9	67.3	68.9	69.9	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7
≥3000		66.3	69.9	71.5	72.5	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
≥2500		67.7	71.3	72.9	73.9	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7
≥2000		68.9	72.5	74.1	75.0	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8
≥1800		69.1	72.7	74.3	75.2	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0
≥1700		70.5	74.1	76.2	77.2	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0
≥6000		71.3	75.2	77.2	78.2	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0
≥5000		72.5	76.4	78.4	79.4	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2
≥4500		73.7	77.6	79.6	80.6	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4
≥4000		75.4	79.4	81.4	82.4	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥3500		76.2	80.2	82.2	83.2	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0
≥3000		78.2	82.4	84.4	85.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4
≥2500		78.8	83.2	85.2	86.4	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.2
≥2000		79.2	83.6	85.8	87.0	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8
≥1800		79.8	84.4	86.4	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4
≥1500		81.4	86.4	88.4	89.6	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6
≥1200		82.6	87.6	89.8	91.2	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥1000		84.0	89.0	91.4	93.2	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2
≥900		84.2	89.4	91.6	93.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4
≥800		84.4	89.6	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.4
≥700		84.4	89.8	92.0	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.4
≥600		84.6	90.2	92.6	94.6	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.8	95.8	95.8	96.0
≥500		84.8	90.4	93.2	95.2	95.4	96.4	96.4	96.4	96.4	96.4	96.4	96.8	96.8	96.8	97.0
≥400		85.0	90.8	93.6	95.6	95.8	96.8	97.0	97.0	97.0	97.0	97.0	98.0	98.0	98.0	98.2
≥300		85.2	91.2	94.0	96.0	96.4	97.4	97.6	97.6	97.6	97.6	97.6	98.6	98.6	99.2	99.4
≥200		85.2	91.4	94.2	96.4	96.8	98.0	98.2	98.2	98.2	98.2	98.2	99.2	99.2	99.8	100.0
≥100		85.2	91.4	94.2	96.4	96.8	98.0	98.2	98.2	98.2	98.2	98.2	99.2	99.2	99.8	100.0
≥0		85.2	91.4	94.2	96.4	96.8	98.0	98.2	98.2	98.2	98.2	98.2	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 501

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
UNLIMITED		63.7	64.3	64.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥20000		68.9	69.5	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥18000		68.9	69.5	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥16000		68.9	69.5	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥14000		69.1	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥12000		71.7	72.5	72.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥10000		73.6	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥9000		74.6	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥8000		74.8	75.6	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥7000		76.0	77.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
6000		77.3	78.3	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
5000		78.9	79.9	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
4500		80.1	81.1	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
4000		81.1	82.4	82.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥3500		82.0	83.6	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥3000		84.4	86.1	86.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥2500		85.7	87.9	88.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥2000		86.9	89.1	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥1800		87.3	90.0	90.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥1500		89.8	92.8	93.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥1200		90.4	93.4	94.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥1000		91.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
900		91.6	95.1	96.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥800		92.4	95.9	97.1	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700		92.4	95.9	97.1	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥600		92.4	95.9	97.1	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500		93.0	96.5	97.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400		93.0	96.5	97.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300		93.0	96.5	97.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200		93.0	96.5	97.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100		93.0	96.5	97.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0		93.0	96.5	97.7	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 488

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 68-70,73-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	21	21	21	21	21	2	2 16	2	20
NO CEILING		63.3	64.0	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000		72.2	72.9	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000		72.4	73.1	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000		72.4	73.1	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000		72.6	73.3	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000		75.4	76.1	76.[illegible]	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000		78.7	79.4	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000		79.4	80.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000		79.8	80.5	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000		82.4	83.1	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000		84.9	85.6	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000		85.8	86.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500		87.5	88.2	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000		89.3	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500		90.5	91.2	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000		92.6	93.3	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500		93.3	94.0	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
≥ 2000		93.7	94.7	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800		93.7	94.7	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500		94.7	95.6	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		95.1	96.1	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
≥ 1000		95.6	97.0	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900		95.6	97.0	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		96.3	97.9	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.3	97.9	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.3	97.9	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.3	97.9	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.3	97.9	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.3	97.9	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.3	97.9	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.3	97.9	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.3	97.9	98.8	99.5	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 421

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥	≥5/16	≥	≥0
NO CEILING		78.4	79.0	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
≥ 20000		82.0	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	84.5
≥ 18000		82.0	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	84.5
≥ 16000		82.0	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	84.5
≥ 14000		82.4	83.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 12000		84.9	86.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 10000		86.1	87.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000		86.1	87.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000		86.1	87.8	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
≥ 7000		86.5	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000		87.3	89.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000		89.4	91.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500		91.0	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000		91.8	93.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500		93.1	94.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000		94.7	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500		94.7	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000		95.5	97.1	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
≥ 1800		95.5	97.1	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
≥ 1500		95.5	97.1	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
≥ 1200		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		95.9	97.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		95.9	97.6	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
≥ 700		95.9	97.6	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
≥ 600		95.9	97.6	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
≥ 500		95.9	97.6	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
≥ 400		95.9	97.6	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
≥ 300		95.9	97.6	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
≥ 200		95.9	97.6	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		95.9	97.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.9	97.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 245

USAF ETAC 1 Jan 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 68-70,73-77 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1 4	≥1	≥ 4	≥ 4	2	≥5 16	≥ 4	≥0
NO CEILING		82.5	89.4	86.4	87.4	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 20000		83.5	89.4	87.4	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 18000		83.5	89.4	87.4	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000		83.5	89.4	87.4	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000		83.5	89.4	87.4	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 12000		85.4	89.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 10000		85.4	89.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000		85.4	89.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000		85.4	89.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000		85.4	89.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000		85.4	89.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000		85.4	89.3	89.3	90.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500		88.3	91.3	92.2	93.2	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000		89.3	92.2	93.2	94.2	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500		89.3	92.2	93.2	94.2	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.2	97.1	98.1	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		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.2	97.1	98.1	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 103

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥ 5/16	≥¼	≥0
NO CEILING		60.5	65.9	65.4	67.3	67.6	68.1	68.2	68.2	68.4	68.5	68.5	68.8	68.9	69.1	69.3
≥ 20000		64.7	68.1	69.6	71.6	71.8	72.3	72.4	72.4	72.6	72.8	72.8	73.0	73.1	73.4	73.6
≥ 18000		64.8	68.2	69.7	71.6	71.9	72.4	72.5	72.5	72.7	72.9	72.9	73.1	73.2	73.5	73.7
≥ 16000		64.8	68.2	69.7	71.6	71.9	72.4	72.5	72.5	72.7	72.9	72.9	73.1	73.2	73.5	72.7
≥ 14000		65.1	68.5	70.0	71.9	72.1	72.6	72.8	72.8	73.0	73.1	73.1	73.4	73.5	73.8	73.9
≥ 12000		67.4	70.9	72.4	74.4	74.6	75.2	75.3	75.3	75.5	75.6	75.6	75.9	76.0	76.2	76.5
≥ 10000		69.1	74.6	74.1	76.1	76.3	76.9	77.0	77.0	77.2	77.3	77.3	77.6	77.7	78.0	78.2
≥ 9000		69.7	75.2	74.7	76.7	76.9	77.5	77.6	77.6	77.8	77.9	77.9	78.2	78.3	78.6	78.8
≥ 8000		70.0	75.5	75.1	77.0	77.3	77.8	77.9	77.9	78.2	78.3	78.3	78.5	78.6	79.0	79.2
≥ 7000		71.2	76.9	76.5	78.5	78.8	79.3	79.5	79.5	79.7	79.8	79.8	80.1	80.2	80.5	80.7
≥ 6000		72.3	78.0	77.6	79.8	80.0	80.5	80.7	80.7	80.9	81.0	81.0	81.3	81.4	81.7	81.9
≥ 5000		73.6	77.3	79.1	81.2	81.5	82.0	82.1	82.1	82.3	82.5	82.5	82.7	82.8	83.2	83.3
≥ 4500		74.8	78.6	80.4	82.5	82.8	83.3	83.5	83.5	83.7	83.8	83.8	84.1	84.2	84.5	84.7
≥ 4000		76.1	80.1	82.0	84.2	84.5	85.0	85.1	85.1	85.4	85.5	85.5	85.8	85.8	86.2	86.4
≥ 3500		77.0	84.1	83.0	85.2	85.5	86.0	86.1	86.1	86.4	86.5	86.5	86.8	86.8	87.2	87.4
≥ 3000		78.9	83.2	85.2	87.5	87.8	88.3	88.4	88.4	88.7	88.8	88.8	89.1	89.1	89.5	89.8
≥ 2500		79.9	84.2	86.4	88.8	89.0	89.5	89.7	89.7	89.9	90.0	90.0	90.3	90.4	90.7	91.0
≥ 2000		80.5	85.0	87.2	89.5	89.8	90.4	90.5	90.5	90.8	90.9	90.9	91.1	91.2	91.6	91.9
≥ 1800		80.7	85.4	87.5	89.9	90.1	90.8	90.9	90.9	91.1	91.2	91.2	91.5	91.6	91.9	92.2
≥ 1500		82.1	87.1	89.3	91.7	91.9	92.6	92.7	92.7	93.0	93.1	93.1	93.4	93.4	93.8	94.1
≥ 1200		82.7	87.7	90.1	92.5	92.7	93.4	93.6	93.6	93.8	94.0	94.0	94.2	94.3	94.7	95.0
≥ 1000		83.4	88.6	91.1	93.6	93.9	94.6	94.8	94.8	95.0	95.2	95.2	95.4	95.5	95.9	96.2
900		83.5	88.8	91.4	93.9	94.2	94.9	95.1	95.1	95.4	95.5	95.5	95.7	95.8	96.2	96.5
≥ 800		84.0	89.4	92.1	94.8	95.1	95.8	96.0	96.0	96.3	96.4	96.4	96.8	96.9	97.2	97.6
≥ 700		84.0	89.4	92.1	94.8	95.2	95.9	96.1	96.1	96.4	96.5	96.5	97.0	97.0	97.4	97.7
≥ 600		84.1	89.6	92.3	95.1	95.4	96.1	96.4	96.4	96.6	96.8	96.8	97.2	97.3	97.7	98.0
≥ 500		84.2	89.8	92.6	95.4	95.7	96.6	96.8	96.8	97.1	97.3	97.3	97.8	97.9	98.3	98.6
≥ 400		84.3	89.8	92.7	95.5	95.8	96.7	97.0	97.0	97.2	97.5	97.5	98.1	98.2	98.6	99.0
≥ 300		84.3	89.9	92.7	95.6	96.0	96.9	97.1	97.1	97.4	97.7	97.7	98.4	98.5	99.2	99.5
≥ 200		84.3	90.0	92.8	95.7	96.1	97.1	97.4	97.4	97.7	97.9	97.9	98.6	98.7	99.4	99.9
≥ 100		84.3	90.0	92.8	95.7	96.1	97.1	97.4	97.4	97.8	98.0	98.0	98.7	98.8	99.5	100.0
≥ 0		84.3	90.0	92.8	95.7	96.1	97.1	97.4	97.4	97.8	98.0	98.0	98.7	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2303

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12804 AVON PARK RANGE FLORIDA 68-70,73-78 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	1.1	53.9	57.4	58.8	59.9	60.0	60.5	60.7	60.7	60.8	61.0	61.0	61.1	61.1	61.3	61.4
≥ 20000	1.6	63.8	67.5	69.0	70.2	70.3	70.8	71.0	71.0	71.2	71.4	71.4	71.5	71.6	71.8	71.9
≥ 18000	1.6	64.2	67.8	69.3	70.5	70.7	71.2	71.4	71.4	71.6	71.7	71.8	71.9	71.9	72.1	72.3
≥ 15000	1.6	64.3	68.0	69.5	70.7	70.9	71.4	71.6	71.6	71.8	71.9	71.9	72.1	72.1	72.3	72.5
≥ 14000	1.6	65.7	67.4	70.9	72.1	72.3	72.8	73.0	73.0	73.2	73.4	73.4	73.5	73.6	73.8	73.9
≥ 12000	1.6	68.4	72.2	73.8	75.0	75.2	75.7	75.9	75.9	76.1	76.3	76.3	76.4	76.4	76.7	76.8
≥ 10000	1.6	71.6	75.5	77.1	78.3	78.5	79.0	79.2	79.3	79.4	79.6	79.6	79.8	79.8	80.0	80.2
≥ 9000	1.7	72.8	76.8	78.4	79.7	79.8	80.4	80.6	80.6	80.8	80.9	80.9	81.1	81.1	81.3	81.5
≥ 8000	1.7	74.5	78.6	80.2	81.5	81.7	82.2	82.4	82.4	82.6	82.8	82.8	82.9	83.0	83.2	83.3
≥ 7000	1.7	75.8	79.9	81.6	82.9	83.0	83.6	83.8	83.8	84.0	84.1	84.2	84.3	84.3	84.6	84.7
≥ 6000	1.7	76.9	81.0	82.7	84.0	84.2	84.7	84.9	85.0	85.2	85.3	85.3	85.5	85.5	85.7	85.9
≥ 5000	1.8	78.0	82.2	83.9	85.2	85.4	85.9	86.2	86.2	86.4	86.5	86.6	86.7	86.7	87.0	87.1
≥ 4500	1.8	78.7	82.9	84.7	86.0	86.2	86.7	86.9	86.9	87.1	87.3	87.3	87.5	87.5	87.7	87.9
≥ 4000	1.8	79.9	84.2	86.0	87.3	87.5	88.0	88.2	88.3	88.5	88.6	88.6	88.8	88.8	89.1	89.2
≥ 3500	1.8	81.0	85.4	87.2	88.6	88.8	89.3	89.6	89.6	89.8	89.9	90.0	90.1	90.1	90.4	90.5
≥ 3000	1.8	82.6	87.2	89.1	90.5	90.7	91.3	91.5	91.5	91.7	91.9	91.9	92.1	92.1	92.4	92.5
≥ 2500	1.9	84.0	88.6	90.6	92.1	92.3	92.9	93.2	93.2	93.4	93.6	93.6	93.8	93.8	94.0	94.2
≥ 2000	1.9	84.9	89.6	91.6	93.2	93.4	94.0	94.3	94.3	94.5	94.7	94.7	94.9	94.9	95.1	95.3
≥ 1800	1.9	85.1	89.9	91.9	93.5	93.7	94.3	94.6	94.6	94.8	95.0	95.0	95.2	95.2	95.5	95.6
≥ 1500	1.9	85.7	90.6	92.7	94.3	94.5	95.2	95.4	95.5	95.7	95.9	95.9	96.1	96.1	96.4	96.5
≥ 1200	1.9	86.1	91.0	93.1	94.7	95.0	95.7	95.9	95.9	96.2	96.4	96.4	96.6	96.6	96.8	97.0
≥ 1000	1.9	86.5	91.5	93.7	95.3	95.6	96.3	96.6	96.6	96.9	97.1	97.1	97.3	97.3	97.5	97.7
≥ 900	1.9	86.6	91.6	93.9	95.6	95.8	96.6	96.8	96.9	97.1	97.3	97.3	97.5	97.5	97.8	98.0
≥ 800	1.9	86.8	91.9	94.2	95.9	96.2	96.9	97.2	97.2	97.5	97.7	97.7	97.9	97.9	98.2	98.4
≥ 700	1.9	86.8	92.0	94.3	96.1	96.3	97.1	97.4	97.4	97.7	97.9	97.9	98.1	98.1	98.4	98.6
≥ 600	1.9	86.9	92.1	94.4	96.2	96.5	97.3	97.6	97.6	97.9	98.1	98.1	98.3	98.4	98.6	98.8
≥ 500	1.9	87.0	92.2	94.6	96.4	96.7	97.5	97.9	97.9	98.2	98.4	98.5	98.7	98.7	99.0	99.2
≥ 400	1.9	87.0	92.2	94.6	96.5	96.8	97.7	98.0	98.1	98.4	98.6	98.6	98.9	99.0	99.3	99.5
≥ 300	1.9	87.0	92.2	94.6	96.5	96.8	97.7	98.1	98.1	98.4	98.7	98.7	99.0	99.1	99.4	99.7
≥ 200	1.9	87.0	92.2	94.7	96.5	96.8	97.7	98.1	98.1	98.5	98.7	98.8	99.1	99.1	99.5	99.9
≥ 100	1.9	87.0	92.2	94.7	96.6	96.8	97.7	98.1	98.1	98.5	98.7	98.8	99.1	99.2	99.6	100.0
≥ 0	1.9	87.0	92.2	94.7	96.6	96.8	97.7	98.1	98.1	98.5	98.7	98.8	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 30006

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

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10
SCATTERED WAS CONVERTED TO 3/10
BROKEN WAS CONVERTED TO 9/10
OVERCAST WAS CONVERTED TO 10/10
OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	70.0			20.0						10.0		1.5	20
	03-05	43.5			13.0						13.0	30.4	4.6	23
	06-08	21.0			26.7						24.4	27.9	5.8	315
	09-11	15.5			27.3						30.3	26.8	6.2	399
	12-14	7.9			34.1						30.5	27.4	6.5	390
	15-17	6.6			34.6						37.4	21.3	6.5	361
	18-20	21.7			31.6						28.3	17.8	5.3	152
	21-23	43.5			27.5						18.8	10.1	3.5	69
TOTALS		28.7			26.9						24.1	20.2	5.0	1729

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	64.9			18.9						13.5	2.7	2.1	37
	03-05	29.3			14.6						17.1	39.0	5.9	41
	06-08	20.3			25.6						19.9	34.2	6.0	301
	09-11	19.5			26.1						29.2	25.2	5.9	357
	12-14	15.2			29.2						33.2	22.3	6.1	349
	15-17	13.2			32.7						30.3	23.7	6.1	333
	18-20	25.7			25.7						29.1	19.4	5.3	175
	21-23	53.2			27.3						3.9	15.6	2.7	77
TOTALS		30.2			25.0						22.0	22.8	5.0	1666

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) MAR (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	44.0			20.0						20.0	16.0	4.0	50
	03-05	26.2			33.3						23.8	16.7	4.8	42
	06-08	21.1			26.0						24.9	28.0	5.8	346
	09-11	15.3			34.4						31.1	19.1	5.7	392
	12-14	9.2			39.9						36.6	14.3	5.9	391
	15-17	7.2			41.9						35.2	15.7	6.0	375
	18-20	17.1			38.2						29.6	15.0	5.3	280
	21-23	44.0			26.9						14.9	14.2	3.6	134
TOTALS		23.0			32.6						27.0	17.4	5.1	2010

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) APR (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		
APR	00-02	81.3			18.8								.6	16
	03-05	63.6			19.3						8.0	9.1	2.2	88
	06-08	25.6			35.5						22.8	16.1	4.7	355
	09-11	18.4			39.0						28.3	14.3	5.1	385
	12-14	13.8			39.9						34.6	11.7	5.3	376
	15-17	12.4			44.0						30.4	13.3	5.4	339
	18-20	25.9			44.4						19.3	10.4	4.1	135
	21-23	65.4			26.9						5.8	1.9	1.5	52
TOTALS		38.3			33.5						18.7	9.6	3.6	1746

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	31.6			23.7						21.1	23.7	5.0	38
	03-05	35.4			37.6						15.2	11.8	3.7	178
	06-08	11.6			33.6						36.5	18.3	6.1	378
	09-11	9.2			31.4						42.7	16.8	6.5	382
	12-14	3.1			32.9						45.0	19.0	6.9	389
	15-17	1.7			27.8						43.4	27.1	7.5	295
	18-20	10.1			20.2						41.6	28.1	7.2	173
	21-23	24.8			21.9						28.6	24.8	5.7	105
TOTALS		15.9			28.6						34.3	21.2	6.1	1943

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	22.6			33.9						35.5	8.1	5.0	62
	03-05	31.6			40.4						17.6	10.4	3.8	193
	06-08	6.8			38.8						35.7	18.6	6.2	381
	09-11	4.1			36.0						47.0	12.9	6.6	389
	12-14	.3			31.2						48.7	19.8	7.3	388
	15-17				20.3						45.8	34.0	8.1	306
	18-20	.9			18.7						40.4	40.0	8.2	230
	21-23	10.3			32.7						32.7	24.3	6.4	107
TOTALS		8.6			31.5						37.9	21.0	6.5	2056

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 AVON PARK RANGE FLORIDA 73-78 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	43.3			30.0						16.7	10.0	3.4	30
	03-05	35.7			44.9						14.8	4.6	3.1	196
	06-08	3.8			52.2						34.1	9.9	5.6	364
	09-11	.5			36.5						49.3	13.6	6.9	367
	12-14				27.5						55.3	17.2	7.5	378
	15-17				15.5						60.2	24.3	8.3	251
	18-20				13.0						57.1	29.8	8.5	161
	21-23	11.7			35.1						36.4	16.9	6.0	77
TOTALS		11.9			31.8						40.5	15.8	6.2	1824

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) AUG (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	3.3			60.0						26.7	10.0	5.2	30
	03-05	38.5			41.9						13.2	6.4	3.1	234
	06-08	7.8			58.5						27.8	5.9	4.8	410
	09-11	1.2			50.5						38.5	9.8	6.0	410
	12-14				33.6						49.6	16.8	7.2	399
	15-17				20.2						60.9	19.0	8.0	258
	18-20	.8			30.1						35.0	34.1	7.5	123
	21-23	17.1			46.1						17.1	19.7	4.9	76
TOTALS		8.6			42.6						33.6	15.2	5.8	1940

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) SEP (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	42.9			26.8						21.4	8.9	3.6	56
	03-05	42.1			40.4						10.5	7.0	2.9	171
	06-08	8.4			46.5						34.9	10.3	5.6	370
	09-11	.6			44.8						44.5	10.2	6.4	362
	12-14	.3			29.1						57.8	12.8	7.4	374
	15-17	.4			20.7						59.0	19.9	7.9	271
	18-20	2.2			23.2						49.7	24.9	7.7	181
	21-23	18.2			37.4						25.3	19.2	5.3	99
TOTALS		14.4			33.6						37.9	14.2	5.9	1884

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) OCT (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	71.4			28.6								.9	7
	03-05	37.3			42.1						11.9	8.7	3.2	126
	06-08	20.2			41.3						27.4	11.1	4.8	361
	09-11	12.8			41.0						32.6	13.6	5.5	383
	12-14	5.2			38.6						42.0	14.1	6.4	383
	15-17	6.8			39.7						40.3	15.2	6.3	310
	18-20	26.5			34.1						24.9	14.6	4.7	185
	21-23	41.3			32.6						13.0	13.0	3.5	46
TOTALS		27.4			37.3						24.0	11.3	4.4	1801

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02													
	03-05	29.8			31.6						17.5	21.1	4.6	57
	06-08	16.0			35.0						25.5	23.6	5.7	326
	09-11	17.2			32.4						30.0	20.4	5.7	383
	12-14	5.8			36.2						44.1	13.9	6.4	381
	15-17	4.4			35.0						41.5	19.1	6.7	340
	18-20	18.1			41.3						25.4	15.2	5.0	138
	21-23	58.8			20.6						11.8	8.8	2.6	34
TOTALS		21.4			33.2						28.0	17.4	5.2	1659

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-77 (PERIOD) DEC (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	46.2			30.8						15.4	7.7	3.1	13
	03-05	26.1			21.7						8.7	43.5	5.8	23
	06-08	25.3			28.2						20.9	25.6	5.3	277
	09-11	20.3			33.8						20.6	25.2	5.4	325
	12-14	11.4			37.1						25.7	25.7	6.0	315
	15-17	13.0			35.1						26.4	25.4	6.0	276
	18-20	37.0			31.2						17.4	14.5	3.9	138
	21-23	52.1			22.9						6.3	18.0	3.1	48
TOTALS		28.9			30.1						17.7	23.3	4.8	1415

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 73-78 (PERIOD) ALL (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	28.7			26.9						24.1	20.2	5.0	1729
FEB		30.2			25.0						22.0	22.8	5.0	1666
MAR		23.0			32.6						27.0	17.4	5.1	2010
APR		38.3			33.5						18.7	9.6	3.6	1746
MAY		15.9			28.6						34.3	21.2	6.1	1943
JUN		9.6			31.5						37.9	21.0	6.5	2056
JUL		11.9			31.8						40.5	15.8	6.2	1824
AUG		8.6			42.6						33.6	15.2	5.8	1940
SEP		14.4			33.6						37.9	14.2	5.9	1884
OCT		27.4			37.3						24.0	11.3	4.4	1801
NOV		21.4			33.2						28.0	17.4	5.2	1659
DEC		28.9			30.1						17.7	23.3	4.8	1415
TOTALS		21.5			32.2						28.8	17.5	5.3	21673

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to 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.

E

Continued on Reverse

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

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

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

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

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

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-78 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 95				3.0	9.5	11.1	10.2	7.8	1.1				3.7
≥ 90			5.2	16.9	45.3	61.1	75.0	71.4	59.4	11.2	1.8		29.7
≥ 85	6.4	7.2	33.5	48.2	86.6	94.2	97.7	96.4	94.9	50.9	18.2	3.8	54.2
≥ 80	38.3	24.6	61.3	83.1	95.5	96.8	98.9	97.9	97.7	83.4	57.1	31.8	72.8
≥ 75	52.7	47.3	81.7	95.2	98.3	99.5	100.0	99.0	100.0	94.1	80.0	54.1	83.9
≥ 70	69.1	68.9	90.6	99.4	99.4	100.0		100.0		99.4	90.0	70.1	90.8
≥ 65	78.2	86.2	95.3		100.0					100.0	94.7	80.9	94.7
≥ 60	84.0	92.8	99.0	100.0							98.8	89.2	97.0
≥ 55	94.7	97.0	99.5								99.4	96.8	99.0
≥ 50	98.4	100.0	100.0								100.0	99.4	99.8
≥ 45	99.5											100.0	100.0
≥ 40	100.0												100.0
MEAN	73.0	73.3	80.4	84.1	88.7	90.1	91.3	90.6	89.6	83.9	79.1	73.3	83.1
S D	10.147	8.382	7.240	5.494	4.907	4.125	3.062	3.432	3.383	4.854	6.751	9.055	9.302
TOTAL OBS	188	167	191	166	179	190	176	192	175	169	170	157	2120

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 8-78 (YEARS)

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ANNUAL
85				.6									.0
80						1.1	.6						.2
75	.5			1.8	1.1	10.0	17.0	19.3	18.3	2.4			6.0
70	2.1	1.8	3.1	9.0	14.5	77.4	96.6	97.4	93.7	36.1	10.6	2.5	38.0
65	11.2	9.6	22.5	30.1	64.2	98.9	100.0	100.0	100.0	66.3	32.9	23.6	55.7
60	34.0	19.2	47.1	57.2	91.1	99.5				87.6	58.2	43.3	70.3
55	54.3	40.1	69.1	80.1	98.3	100.0				96.4	79.4	55.4	81.5
50	70.2	61.1	85.9	94.0	99.4					98.8	90.6	66.2	89.2
45	78.2	79.0	94.2	98.8	100.0					100.0	95.3	77.7	93.8
40	84.0	90.4	99.0	99.4							99.4	86.0	96.6
35	91.5	97.0	100.0	100.0							100.0	96.2	98.7
33	95.2	98.3										98.7	99.4
30	98.4	100.0										99.4	99.8
25	99.5											100.0	100.0
20	100.0												100.0
MEAN	53.3	52.0	58.1	60.4	65.7	71.3	72.8	73.1	72.8	66.5	60.5	54.5	63.4
S D	10.774	8.961	7.706	7.046	4.400	2.976	1.903	1.641	2.088	5.811	7.551	10.997	10.210
TOTAL OBS	188	167	191	166	179	190	176	192	175	169	170	157	2120

USAFETAC FORM JUL 64 0215 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 8-7 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 85				1.2	1.1	6.8	11.4	5.7	5.7				2.7
≥ 80	.5		3.1	7.8	27.9	72.6	93.7	92.2	85.7	21.9	1.2		34.9
≥ 75	6.4	7.2	25.7	35.5	82.7	97.9	100.0	99.0	99.4	62.7	29.4	9.6	55.5
≥ 70	36.7	19.8	53.9	74.1	96.1	100.0		100.0	100.0	88.8	63.5	40.1	73.3
≥ 65	54.3	41.9	81.2	92.2	100.0					97.6	80.0	56.1	84.0
≥ 60	68.1	69.5	90.6	98.8						100.0	91.2	66.2	90.6
≥ 55	79.8	84.4	95.3	100.0							97.1	79.0	94.8
≥ 50	88.8	95.2	100.0								99.4	91.1	97.[illegible]
≥ 45	95.2	98.2									100.0	98.1	99.3
≥ 40	98.4	100.0										100.0	99.9
≥ 35	100.0												100.0
MEAN	63.4	62.8	69.5	72.5	77.4	80.9	82.3	82.1	81.5	75.5	70.0	64.1	73.5
S D	9.784	7.713	6.639	5.345	3.616	2.668	1.979	1.965	2.062	4.738	6.595	9.408	9.256
TOTAL OBS	188	167	191	166	179	190	176	192	175	169	170	157	2120

USAFETAC FORM JUL 64 0215 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73,75 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67			2.6															1	1		
64/ 63	2.6	5.3	2.6															4	4	2	1
62/ 61	2.6	2.6																2	2	3	2
60/ 59	2.6	5.3	2.6															4	4	3	4
58/ 57		5.3	2.6															3	3	3	2
56/ 55		13.2																5	5	4	5
54/ 53		10.5																4	4	4	2
52/ 51		5.3																2	2	5	5
50/ 49		7.9																3	3	1	4
48/ 47		5.3																2	2	4	2
46/ 45																				1	3
42/ 41			2.6															1	1		
40/ 39			5.3	2.6														3	3	1	
38/ 37			2.6		2.6													2	2	1	
36/ 35																				2	1
34/ 33		2.6																1	1	1	1
32/ 31		2.6																1	1	2	2
30/ 29																				1	1
26/ 25																					2
18/ 17																					1
TOTAL	7.9	65.8	21.1	2.6	2.6														38		38
																		38		38	

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	291182	3298	86.8	11.567	38							
Dry Bulb	107456	1992	52.4	9.054	38		2.4	2.4				93
Wet Bulb	100161	1917	50.4	9.689	38		7.3					93
Dew Point	94452	1844	48.5	11.589	38		14.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
2804	AVON PARK RANGE FLORIDA	69-70, 77-78	JAN

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67	2.9																	1	1	1	1
60/ 59	5.9																	2	2	2	2
58/ 57		14.7	2.9															6	6		
56/ 55	2.9	8.8																4	4	[illegible]	4
54/ 53	2.9	5.9																3	3	[illegible]	5
52/ 51		8.8																3	3	5	4
50/ 49	2.9		2.9															2	2	1	4
48/ 47		2.9																1	1	1	1
46/ 45		8.8																3	3	2	1
44/ 43			2.9															1	1	2	2
42/ 41		2.9		2.9														2	2	1	1
40/ 39		2.9																1	1	2	2
38/ 37		2.9																1	1	1	1
36/ 35		5.9																2	2	1	
34/ 33		2.9																1	1	2	
32/ 31	2.9																	1	1	2	5
30/ 29																					1
TOTAL	20.6	67.6	8.8	2.9															34		34
																		34		34	

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.	281670	3082	90.6	8.341	34							
Dry Bulb	86466	1690	49.7	8.639	34		2.7	2.7				93
Wet Bulb	82067	1643	48.3	8.997	34		5.5	2.7				93
Dew Point	78577	1601	47.1	9.830	34		16.4	2.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69		1.5	.6	.2														11	11	3	3
68/ 67	.4	.2																3	3	8	6
66/ 65	.6	3.5	.6															22	22	9	8
64/ 63	1.5	3.5	.2															24	24	28	20
62/ 61	4.8	3.9	.4															42	42	40	45
60/ 59	5.2	5.4	.4															51	51	47	47
58/ 57	1.3	4.5	.4	.2														30	30	26	26
56/ 55	1.5	6.3	.6	.4														41	41	41	29
54/ 53	1.1	4.1	1.3															30	30	31	39
52/ 51	.9	4.1	1.5															30	30	30	27
50/ 49	.4	4.1	.9															25	25	25	22
48/ 47	1.3	3.9	.4															26	26	31	28
46/ 45	.4	3.2	.6	.4														22	22	20	22
44/ 43	.4	1.1	.6															10	10	19	28
42/ 41	.6	2.4	.4	.2														17	17	16	10
40/ 39	.9	2.6	1.3	.2														23	23	15	18
38/ 37	.4	1.7	.4	.2														13	13	14	11
36/ 35		1.7	.9															12	12	15	6
34/ 33	.2	1.9	.2	.4														13	13	12	16
32/ 31	.6	.9		.6														10	10	16	16
30/ 29	.4	.4																4	4	7	12
28/ 27		.2																1	1	6	9
26/ 25	.4																	2	2	3	6
24/ 23	.2																	1	1	1	4
20/ 19																					1
18/ 17																					3
12/ 11																					1
TOTAL	23.8	61.1	12.1	3.0														463	463		463
																				463	

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	≥ 91 F	Total
Rel. Hum.	3860376	42064	90.9	9.167	463							
Dry Bulb	1301647	24107	52.1	10.029	463		3.6	2.8				93
Wet Bulb	1241522	23490	50.7	10.379	463		6.6	2.2				93
Dew Point	1192341	22893	49.4	11.434	463		10.4	1.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83									.2									1	1		
82/ 81						.2												1	1		
80/ 79				.4	.4	.2												5	5		
78/ 77			.4	1.7	1.7			.2										21	21		
76/ 75			.8	2.3	1.1													22	22		
74/ 73		.2	1.7	1.7	.9	.4	.6											29	29	7	1
72/ 71		1.5	2.3	1.3	1.1	.8	.2	.2										39	39	22	6
70/ 69	.2	3.0	2.1	.9	.8	.4												39	39	50	27
68/ 67	.4	3.6	1.3	.9	.8	.2												38	38	37	49
66/ 65	.9	4.0	1.7	1.3	1.3	1.1												55	55	51	40
64/ 63		2.3	.4	.6	.9	.2												23	23	36	43
62/ 61	.6	3.2	1.3	.9	.4	.2												35	35	39	32
60/ 59	.4	1.3	1.9	1.5	.6	.4		.2										33	33	37	40
58/ 57	.2	1.1	1.9	.9	.9	.2	.2											29	29	30	23
56/ 55	.2	1.7	1.7	1.5	.4	.4												31	31	29	30
54/ 53		1.5	1.1	.8	.6	.2												22	22	32	25
52/ 51	.2	.8	1.7	.2	.4													17	17	24	30
50/ 49		1.5	1.9	.9	.4	.2												25	25	25	27
48/ 47		1.1	.8	.9														15	15	21	28
46/ 45		.4	1.1	.8	.6													15	15	26	12
44/ 43		.4	.8	.4														8	8	11	24
42/ 41		.2	.6	.4	.2													7	7	15	20
40/ 39		.2	.6		.4													6	6	9	7
38/ 37			.8	.2														5	5	8	9
36/ 35		.2	.2	.2														3	3	5	17
34/ 33																				7	7
32/ 31	.2	.2	.2	.4														5	5	3	10
30/ 29				.2														1	1	2	6
28/ 27																				2	5
26/ 25																				1	4
24/ 23																				1	2
22/ 21																					2
18/ 17																					2
12/ 11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					1
TOTAL	3.	28.	327.	021.	313.	6	4.	9	.9	.6	.2							530	530	530	530

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	3250566	40874	77.1	13.634	530							
Dry Bulb	2071826	32662	61.6	10.559	530		1.1	34.2	13.9	.4		93
Wet Bulb	1802612	30414	57.4	10.408	530		1.6	20.4	1.2			93
Dew Point	1626347	28653	54.1	12.088	530		5.8	14.6	.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
88/ 87									.2									1	1		
86/ 85							.2	.6										4	4		
84/ 83							1.2	1.0	.2									12	12		
82/ 81				.2	1.4	2.3	3.1	.6										39	39		
80/ 79			.2	.2	3.3	5.3	.8	.8										54	54		
78/ 77			.2	1.0	3.5	1.6	1.8	1.0	.6									49	49		
76/ 75			.2	.8	2.1	2.1	1.6	.8										39	39	2	
74/ 73		.6	.6	.6	.6	2.9	1.4	1.2										40	40	18	2
72/ 71		.4	.6	1.0	1.2	1.8	1.4											32	32	56	10
70/ 69		.4	.8	.6	.6	2.9	1.2	.2										34	34	68	23
68/ 67		.6	.2	.2	1.6	2.9	.4	.2	.2									32	32	40	38
66/ 65		.8	1.0	.6	1.0	1.6	.4	.4	.2									30	30	38	55
64/ 63	.2	1.0	.4	.4	1.6	.6	.2	.6										25	25	41	46
62/ 61	.2		.2	.8	1.0	.4	.6	.4										18	18	39	33
60/ 59		.4	.4	.6	.6	.4	.6	.2										16	16	37	27
58/ 57		.2	.8	.4	1.4	.2	.8											19	19	30	31
56/ 55		.6	.4	.8	.6	1.0	.6											20	20	28	29
54/ 53		.4	.4	.6	.4	.6	.4											14	14	15	41
52/ 51				.4	.2	1.2	.6											12	12	17	34
50/ 49			.2	1.2	.8													11	11	20	29
48/ 47		.2	.2		.2													3	3	14	14
46/ 45					.2	.2												2	2	15	8
44/ 43					.4													2	2	15	8
42/ 41					.2	.2												2	2	9	15
40/ 39				.4														2	2	2	8
38/ 37			.4															2	2	1	12
36/ 35																				4	16
34/ 33																				5	6
32/ 31																					10
30/ 29																					5
28/ 27																					3
26/ 25																					4
24/ 23																					3
22/ 21																					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	Toto.
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					1
18/ 17																					2
TOTAL	.4	5.4	7.0	10.5	22.0	28.0	16.9	7.8	1.4									514	514	514	514

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	2021209	31489	61.3	13.400	514							
Dry Bulb	2529363	35685	69.4	10.058	514			60.8	43.1	15.7		93
Wet Bulb	1957499	31349	61.0	9.419	514			33.3	3.6			93
Dew Point	1625291	28279	55.0	11.635	514		5.2	13.2	.4			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85							.2	.4	.6	.2								7	7		
84/ 83							.8	1.5										11	11		
82/ 81				.2	1.7	1.9	5.9	1.7	.2	.2								56	56		
80/ 79				.8	1.5	5.9	2.1	.4	.6	.2								55	55		
78/ 77			.2	.6	3.1	1.7	1.0	.6	.2									36	36		
76/ 75					1.3	2.5	1.3	.6										27	27	2	
74/ 73				.6	1.5	1.3	2.3	.8	.4									33	33	16	1
72/ 71	.2	.4	.2	.8	1.9	1.3	1.5	.4										32	32	38	8
70/ 69		.6	.2	.4	1.9	2.1	1.3	1.5										38	38	73	13
68/ 67	.4	.2	.6	.2	1.7	1.9	.8	.4	.4									32	32	41	24
66/ 65		.6	.8	1.3	1.5	1.7	.6	.4										33	33	35	54
64/ 63	.2	.4	.4	.8	.4	.8	.2	.4										18	18	38	55
62/ 61		.4	.4		.2	1.3	.4	.2										14	14	41	35
60/ 59		.6	.2		.4	.4	.8	.2										13	13	43	26
58/ 57		.2	.8	.2	.8	.2	1.0	.4										18	18	30	33
56/ 55			.6	.6	.4	1.3	.6											17	17	20	30
54/ 53			.4	.4	1.3	.4	.6											15	15	9	33
52/ 51				.2	.4	1.0												8	8	22	27
50/ 49				.2	.6													4	4	13	23
48/ 47					.4													2	2	11	16
46/ 45						.8												4	4	14	10
44/ 43					.2													1	1	14	11
42/ 41					.2													1	1	9	12
40/ 39				.6														3	3		12
38/ 37																					7
36/ 35																				6	10
34/ 33																				3	8
32/ 31																					8
30/ 29																					9
28/ 27																					3
26/ 25																					4
24/ 23																					1
22/ 21																					3
20/ 19																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.8	3.6	5.0	8.2	21.3	26.4	21.5	10.0	2.5	.6								478	478	478	478

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.	1729592	28058	58.7	13.161	478							
Dry Bulb	2408769	33609	70.3	9.784	478			63.6	43.8	19.7		93
Wet Bulb	1829082	29244	61.2	9.150	478			33.1	3.5			93
Dew Point	1491428	26130	54.7	11.495	478		5.8	8.9	.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77					1.8	.5		.5										6	6		
76/ 75				2.7	2.7	1.8												16	16		
74/ 73		.5	1.4	3.7	1.4			.5										16	16		
72/ 71			3.2	2.7	1.4													16	17	2	
70/ 69	.5	1.4	2.7	2.3	1.4	.5												19	19	17	3
68/ 67		1.4	2.7	1.4	.9	.5												15	15	29	10
66/ 65		2.7	2.7	2.3	1.8													21	21	21	21
64/ 63		1.4	2.3	2.3	1.4													16	16	18	24
62/ 61		1.8	2.3	.9	1.8													15	15	15	21
60/ 59		1.8	1.8	1.4	.5	.5												13	14	17	17
58/ 57		.9	.5	1.8	.9													9	9	19	16
56/ 55		1.4	1.8		.9	.5	.5											11	11	11	10
54/ 53		1.8	1.8	.9														10	10	10	15
52/ 51		.9	.5	2.7	.5													10	11	15	12
50/ 49				.5														1	1	7	14
48/ 47		.5	1.4		.5													5	5	5	8
46/ 45		1.4		.5														4	4	10	7
44/ 43		.5	.5		.5													3	3	5	2
42/ 41		.5	.5	.5	.5													4	4	2	12
40/ 39				.9	.5													3	3	3	7
38/ 37			.5	.5														2	2	2	1
36/ 35			.5	.5														2	2	1	3
34/ 33				.5														1	1	4	1
32/ 31		.5																1	1	4	3
30/ 29																				2	
28/ 27																					6
24/ 23																					2
22/ 21																					2
20/ 19																					2
TOTAL	.5	19.2	26.9	28.8	19.2	4.1	.5	.9										219	222	219	219

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	1237839	16271	74.3	11.525	219							
Dry Bulb	888597	13859	62.4	10.292	222		.4	37.3	15.9			93
Wet Bulb	748246	12616	57.6	9.925	219		2.5	20.4				93
Dew Point	664730	11808	53.9	11.347	219		6.4	5.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) \VON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		.9	1.8															3	3		
72/ 71			1.8															2	2	1	
70/ 69		.9	3.6	1.8														7	7	3	1
68/ 67		.9	1.8															3	3	4	5
66/ 65	.9	4.5	.9															7	7	4	3
64/ 63		1.8	1.8	.9														5	5	9	6
62/ 61		7.3	5.5		.9													15	15	4	5
60/ 59		6.4	2.7															10	10	11	8
58/ 57		4.5	1.8															7	7	14	9
56/ 55		3.6	2.7															7	7	9	13
54/ 53		3.6	1.8															6	6	6	9
52/ 51		5.5	.9															7	7	7	6
50/ 49		5.5	1.8															8	8	7	8
48/ 47			.9															1	1	7	11
46/ 45		.9	2.7	.9														5	5	2	
44/ 43			1.8															2	2	1	3
42/ 41		1.8	.9															3	3	4	2
40/ 39		1.8	2.7															5	5	4	1
38/ 37		.9	2.7															4	4	3	2
36/ 35																				4	6
34/ 33		2.7																3	3	3	3
32/ 31																				3	3
30/ 29																					1
28/ 27																					4
26/ 25																					1
TOTAL	.9	53.6	40.9	3.6	.9													110	110	110	110

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	787443	9269	84.3	7.665	110
Dry Bulb	353638	6142	55.8	9.904	110
Wet Bulb	323792	5868	53.3	9.936	110
Dew Point	300720	5628	51.2	10.824	110

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			12.7	2.5			93
Wet Bulb		2.5	6.8				93
Dew Point		7.6	5.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87									.0									1	1		
86/ 85							.1	.2	.1	.0								11	11		
84/ 83							.4	.5	.1									24	24		
82/ 81				.1	.9	.9	1.8	.5	.0	.0								96	96		
80/ 79			.0	.3	1.1	2.3	.6	.3	.1	.0								114	114		
78/ 77			.2	.7	1.9	.7	.6	.4	.2									112	112		
76/ 75			.2	.9	1.2	1.1	.6	.3										104	104	4	
74/ 73		.3	.7	1.0	.8	1.0	.9	.5	.1									121	121	41	4
72/ 71	.0	.5	1.0	.9	1.0	.8	.6	.1										121	122	119	24
70/ 69	.1	1.3	1.2	.8	.8	1.2	.5	.3										148	148	214	70
68/ 67	.3	1.2	.8	.4	.9	1.1	.3	.1	.1									125	125	160	133
66/ 65	.4	2.3	1.2	.9	1.0	.9	.2	.2	.0									168	168	158	181
64/ 63	.4	1.8	.6	.6	.8	.3	.1	.2										115	115	172	195
62/ 61	1.1	2.1	1.0	.5	.5	.4	.2	.1										141	141	181	173
60/ 59	1.2	2.1	1.0	.6	.4	.3	.3	.1										142	143	197	171
58/ 57	.3	1.8	1.0	.5	.8	.1	.4	.1										121	121	152	140
56/ 55	.4	2.3	1.0	.7	.4	.6	.3											136	136	149	150
54/ 53	.3	1.8	.9	.5	.5	.3	.2											104	104	111	169
52/ 51	.2	1.5	.8	.4	.3	.5	.1											89	90	125	145
50/ 49	.1	1.5	.8	.5	.3	.0												79	79	99	131
48/ 47	.3	1.2	.5	.2	.2													55	55	94	108
46/ 45	.1	1.0	.5	.3	.2	.2												55	55	90	63
44/ 43	.1	.3	.5	.1	.2													27	27	67	78
42/ 41	.1	.7	.3	.2	.2	.0												37	37	56	72
40/ 39	.2	.7	.6	.4	.1													46	46	36	55
38/ 37	.1	.4	.5	.1	.0													29	29	30	43
36/ 35		.5	.3	.1														19	19	38	59
34/ 33	.0	.6	.0	.1														19	19	37	42
32/ 31	.2	.3	.0	.2														18	18	30	57
30/ 29	.1	.1		.0														5	5	12	35
28/ 27		.0																1	1	8	30
26/ 25	.1																	2	2	4	21
24/ 23	.0																	1	1	2	12
22/ 21																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum							
Dry Bulb							
Wet Bulb							
Dew Point							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					6
18/ 17																					8
12/ 11																					2
10/ 9																					1
TOTAL	6.	126.	315.	712.	114.	012.	8.	8.2	3.9	.8	.1								2389		2386
																		2386		2386	

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.	13459877	174405	73.1	17.275	2386							
Dry Bulb	9747762	149746	62.7	12.303	2389		8.4	304.6	181.6	59.2		744
Wet Bulb	8085001	136541	57.2	10.666	2386		17.5	167.8	14.0			744
Dew Point	7073886	126836	53.2	11.789	2386		56.1	72.0	1.2			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-74 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69			3.7															3	3		
68/ 67		3.7																3	3	5	2
66/ 65																				1	4
62/ 61		2.5	1.2															3	3	2	
60/ 59	2.5	2.5		1.2														5	5	2	4
58/ 57		4.9	1.2															5	5	4	
56/ 55		4.9																4	4	5	7
54/ 53		6.2	1.2	1.2														7	7	6	3
52/ 51		2.5	1.2	1.2														4	4	6	6
50/ 49	8.6	4.9	7.4															17	17	8	11
48/ 47		6.2	4.9															9	9	8	3
46/ 45		2.5	4.9	1.2														7	7	11	4
44/ 43		6.2																5	5	7	12
42/ 41		4.9		1.2														5	5	10	9
40/ 39	1.2		1.2															2	2	2	10
38/ 37			2.5															2	2		
36/ 35																				4	1
34/ 33																					1
32/ 31																					2
30/ 29																					1
28/ 27																					1
TOTAL	12.3	51.9	29.6	6.2															81		81
																		81		81	

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.	617341	7031	86.8	9.376	81							
Dry Bulb	218124	4158	51.3	7.649	81			6.2				84
Wet Bulb	202143	3997	49.3	7.833	81			5.2				84
Dew Point	188716	3846	47.5	8.734	81		4.1	2.1				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,75-78 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67		1.8																1	1		
66/ 65		1.8																1	1	1	1
64/ 63	1.8																	1	1	2	2
62/ 61		3.6																2	2	1	
60/ 59	3.6	7.3																6	6	5	4
58/ 57		5.5																3	3	2	3
56/ 55	5.5	5.5	1.8															7	7	9	7
54/ 53	1.8	3.6																3	3	3	5
52/ 51	3.6	1.8																3	3	3	4
50/ 49		1.8	3.6															3	3	2	
48/ 47	1.8	12.7			1.8													9	9	4	3
46/ 45	1.8	5.5																4	4	9	4
44/ 43		5.5																3	3	1	7
42/ 41	1.8	1.8	1.8															3	3	5	5
40/ 39		1.8																1	1	2	2
38/ 37		1.8		1.8														2	2	2	1
36/ 35																					1
34/ 33		5.5																3	3	1	1
32/ 31																				3	2
30/ 29																					2
28/ 25																					1
TOTAL	21.8	67.3	7.3	1.8	1.8													55	55	55	55

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	454208	4972	90.4	9.368	55							
Dry Bulb	144698	2786	50.7	8.136	55			1.5				84
Wet Bulb	137518	2710	49.3	8.595	55		4.6					84
Dew Point	131072	2634	47.9	9.552	55		7.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73			.5															2	2		
72/ 71		1.2	.2															6	6		
70/ 69	.2	2.4																11	11	12	8
68/ 67	1.6	1.2																12	12	15	18
66/ 65	1.4	1.9	.2	.2			.2											17	17	14	13
64/ 63	.9	1.4	.5	.2														13	13	10	9
62/ 61	1.2	3.1	1.4															24	24	17	13
60/ 59	1.9	4.2																26	26	24	19
58/ 57	1.2	4.2	.2	.2														25	25	26	29
56/ 55	1.2	4.9	2.1															35	35	31	25
54/ 53	.9	4.5	1.6															30	30	27	27
52/ 51	2.1	3.3	1.4	.2														30	30	32	34
50/ 49	.7	6.8	1.6	.2														40	40	32	22
48/ 47	.9	4.7	1.2	.7	.2													33	33	35	33
46/ 45	.5	4.7	1.2		.2													28	28	29	25
44/ 43	.5	4.2	.7															23	23	30	34
42/ 41	.2	3.3	1.6															22	22	23	25
40/ 39	.9	3.3	.5															20	20	29	24
38/ 37	.7	.7	1.2															11	11	13	22
36/ 35		.7	.2	.2														5	5	5	14
34/ 33	.2	1.2	.2															7	7	10	8
32/ 31	.9	.2																5	5	10	9
30/ 29																				1	5
28/ 27																					5
26/ 25																					3
24/ 23																					1
TOTAL	18.4	62.1	16.7	2.1	.5		.2											425	425	425	425

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Ref. Hum.	3448018	38090	89.6	8.989	425
Dry Bulb	1191464	22154	52.1	9.296	425
Wet Bulb	1125063	21493	50.6	9.482	425
Dew Point	1070374	20882	49.1	10.228	425

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.							
Dry Bulb		1.0	6.1	.4			84
Wet Bulb		2.2	5.3				84
Dew Point		4.5	5.1				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85							.2											1	1		
84/ 83									.2									1	1		
82/ 81					.2													1	1		
80/ 79				.6	.8													7	7		
78/ 77			.6	.2	1.1	.4												11	11		
76/ 75			.8	.8	.2	.4	.2											12	12		
74/ 73		.6	1.3	1.1	1.1	1.1	.2											25	25	10	
72/ 71		1.1	2.1	1.5	2.3	.6												36	36	14	6
70/ 69		.6	1.5	1.3	.2	1.1	.2	.2										24	24	22	19
68/ 67	.2	.8	1.7	1.9	1.1	1.5	.6											37	37	27	22
66/ 65	.6	1.3	.4	1.7	.8	.6	.6											29	29	29	21
64/ 63	.2	1.5	1.1	.8	1.9	1.1		.6										34	34	29	21
62/ 61	.6	2.3	2.3	2.1		1.1												40	40	30	26
60/ 59	.2	1.5	2.7	1.9	1.7	1.7	.4											48	48	39	35
58/ 57		1.5	2.3	1.5	1.3	.8	.2	.2										37	37	39	29
56/ 55	.2	1.5	1.9	3.0	1.1	.4	.4											40	40	41	33
54/ 53		.8	.8	2.3	.6	.4												24	24	35	33
52/ 51	.2		1.3	1.7	.2	.2	.2											18	18	34	33
50/ 49		.4	1.5	1.3		.2	.2											17	17	35	30
48/ 47		.4	.8	1.1	.4	.4												15	15	29	20
46/ 45		.4	.4	.4														6	6	21	22
44/ 43				.2		.2												2	2	14	31
42/ 41		.2	.2	.2	.2													4	4	9	27
40/ 39			.2	.2	.2													3	3	6	17
38/ 37																				3	15
36/ 35			.2															1	1	3	9
34/ 33																				2	5
32/ 31																				2	4
30/ 29																					3
28/ 27																					4
26/ 25																					1
24/ 23																					2
22/ 21																					3
20/ 19																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	2.3	15.0	24.3	25.8	15.4	12.3	3.6	1.1	.2									473	473		473
																		473		473	

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.	2525133	33865	71.6	14.594	473							
Dry Bulb	1853560	29318	62.0	8.774	473			27.5	10.3	1.1		84
Wet Bulb	1551479	26771	56.6	8.768	473		.4	13.0	1.8			84
Dew Point	1345051	24701	52.2	10.806	473		3.4	8.3				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
88/ 87							.2	.4										3	3		
86/ 85						.4	.4	.9										8	8		
84/ 83					.2	.9	.6	.2	.9									13	13		
82/ 81					.6	.9	2.1	.2	.2									19	19		
80/ 79				.2	.9	1.7	1.3	1.3					.2					26	26		
78/ 77				.6	2.1	2.1	2.6	1.1	.4									42	42		
76/ 75			.2	1.1	1.1	2.6	.6	.9	.2	.2								32	32	4	
74/ 73				1.1	.4	1.3	1.5	2.3	.6	.4								36	36	18	1
72/ 71			.4	.2	1.3	1.7	2.3	1.3	.6	.2								38	38	16	3
70/ 69		.2	.2		.6	3.0	2.3	1.1	.6	.4	.2							41	41	38	14
68/ 67		.2	.6	.9	.4	.9	.9	.6		.4								23	23	38	20
66/ 65		.2	1.1	.6	2.1	1.5	2.6	.6	1.3									47	47	32	34
64/ 63	.4		.2	1.1	1.9	1.3	.9	.9	.9									35	35	30	19
62/ 61	.2		.6	.9	2.1	1.5	.9	.2										30	30	37	33
60/ 59	.2	.6	.2	.9	1.1	1.7	1.1	.4										29	29	38	28
58/ 57		.2		.4	1.3	.6	.9											16	16	45	28
56/ 55		.2		.2	.4	.4	.2	.2										8	8	45	22
54/ 53			.2		.6	.6	.2											8	8	29	31
52/ 51			.2		.4	.6		.2										7	7	26	39
50/ 49			.4		.2	.2												4	4	32	29
48/ 47				.2		.2												2	2	16	25
46/ 45				.2														1	1	8	23
44/ 43					.2													1	1	8	27
42/ 41																				4	20
40/ 39																				4	10
38/ 37																				1	17
36/ 35																					14
34/ 33																					11
32/ 31																					8
30/ 29																					8
28/ 27																					1
26/ 25																					2
20/ 19																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.9	1.7	4.5	8.5	18.1	24.1	21.5	12.8	5.8	1.7	.2		.2					469	469	469	469

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.	1538675	26087	55.6	13.685	469							
Dry Bulb	2284604	32488	69.3	8.540	469			50.3	32.1	9.7		84
Wet Bulb	1690229	27895	59.5	8.152	469			20.4	3.9			84
Dew Point	1325176	24406	52.0	10.853	469		3.8	6.8	.2			84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.2	.2										2	2		
86/ 85						.2	.2	.4	.9		.2							9	9		
84/ 83						.4	.2	.9	.4		.2							10	10		
82/ 81				.2	.7	1.1	1.3	.4	.7									20	20		
80/ 79				.2	1.1	1.8	1.1	2.0	.2									29	29		
78/ 77					1.1	1.6	2.5	2.0	.4	.4	.4		.2					39	39		
76/ 75			.7	1.8		2.0	1.3	.4	.7	.2								32	32	3	
74/ 73			.4	.2	.2	.4	2.9	2.7	2.2	.4								43	43	13	1
72/ 71					.4	1.6	3.8	1.3	.4	.7	.2							38	38	17	5
70/ 69			.7		.7	1.3	.9	2.0	1.3	.9	.2							36	36	35	10
68/ 67		.4	.9		.4	1.1	2.2	.2	.2	.9								29	29	22	18
66/ 65		1.1	.7	.2	2.9	1.3	1.6	1.8	1.6	.9								54	54	37	18
64/ 63		.2	.4	2.0	.7	1.3	2.0	.4	.7									35	35	35	17
62/ 61		.2	.4	.4	.2	.9	2.0	.9										23	23	31	34
60/ 59		.4	.2	.4		1.1	.4	.2										13	13	56	22
58/ 57		.2	.2	.4		.7	.9	.7										14	14	39	28
56/ 55					.7	1.1	.2	.2										10	10	37	27
54/ 53				.4	.2	.9												7	7	29	36
52/ 51						.7												3	3	29	36
50/ 49						.2												1	1	23	24
48/ 47						.2												1	1	22	22
46/ 45																				7	23
44/ 43																				11	21
42/ 41																				1	17
40/ 39																				1	20
38/ 37																					9
36/ 35																					16
34/ 33																					13
32/ 31																					17
30/ 29																					9
28/ 27																					1
26/ 25																					4
TOTAL		2.7	4.7	6.5	9.4	20.1	23.9	17.0	9.8	4.5	1.3		.2					448	448	448	448

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1329167	23453	52.4	15.061	448
Dry Bulb	2233749	31439	70.2	7.840	448
Wet Bulb	1605444	26594	59.4	7.740	448
Dew Point	1219455	22849	51.0	11.002	448

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			53.8	34.5	10.5		84
Wet Bulb			16.9	3.0			84
Dew Point		5.8	6.4	.2			84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81							.4											1	1		
80/ 79							.4											1	1		
78/ 77				.8	.4	.4		.4										5	5		
76/ 75			.4	1.2	.8													6	6		
74/ 73		.4	.4	1.2	1.6	1.2	.4			.4								14	14		
72/ 71		.4	1.2	.8	2.0	.8	.8	.8	.4									18	18	7	2
70/ 69		.4	.4	2.4	1.2	.4	.4	.4										14	14	6	4
68/ 67	1.2		1.6	1.6	1.2	2.8		.8		.4								24	24	13	8
66/ 65		.4		.8	3.2		1.2											14	14	11	5
64/ 63			.8	3.2	3.2	.8	.4	.8										23	23	19	11
62/ 61			2.8	4.8	2.0	.8	.8											28	28	9	13
60/ 59		1.2	2.4	2.0	1.2	1.6		.4										22	22	13	7
58/ 57		.4	1.6	2.4	4.0	1.2												24	24	37	12
56/ 55	1.2	.4	2.0	1.6	1.6	.4												18	18	30	20
54/ 53			.4	1.6	1.6	.4	.4											11	11	24	25
52/ 51			.8	.4														3	3	18	26
50/ 49				3.2	1.2	.8												13	13	19	16
48/ 47		.4	.8	.4														4	4	15	14
46/ 45		.8	.8		.4													5	5	7	15
44/ 43			.8	.4														3	3	13	16
42/ 41																				6	19
40/ 39																				2	12
38/ 37																				2	6
36/ 35																					10
34/ 33																					2
30/ 29																					4
28/ 27																					1
26/ 25																					3
TOTAL	2.4	4.8	17.1	28.7	25.5	11.6	5.2	3.6	.4	.8								251	251		251
																		251		251	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1149402	16614	66.2	14.100	251
Dry Bulb	989767	15635	62.3	7.962	251
Wet Bulb	795468	13998	55.8	7.698	251
Dew Point	658613	12627	50.3	9.673	251

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			27.8	9.0	.7		84
Wet Bulb			8.7				84
Dew Point		2.7	4.7				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
72/ 71			.8	.8														2	2		
70/ 69			1.6															2	2		
68/ 67		3.2		2.4	.8													8	8	3	
66/ 65		3.2	.8															5	5	5	5
64/ 63		1.6	2.4	.8														6	6	7	4
62/ 61		2.4	2.4	.8														7	7	7	4
60/ 59		.8	7.1	2.4														13	13	3	9
58/ 57		2.4	3.2															7	7	6	4
56/ 55		7.1	5.6	1.6	.8													19	19	17	5
54/ 53		3.2	2.4	4.0	.8													13	13	16	15
52/ 51	1.6	4.0	7.9	1.6	.8													20	20	10	20
50/ 49		.8	4.0	1.6	.8													9	9	11	8
48/ 47		.8	1.6	.8														4	4	19	7
46/ 45		.8																1	1	6	5
44/ 43		2.4	2.4															6	6	6	15
42/ 41		.8	1.6															3	3	6	9
40/ 39			.8															1	1	1	5
38/ 37																				2	5
36/ 35																				1	3
30/ 29																					3
TOTAL	1.6	33.3	44.4	16.7	4.0														126		126
																		126		126	

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.	824319	10119	80.3	9.743	126							
Dry Bulb	398191	7027	55.8	7.097	126			8.0				84
Wet Bulb	354516	6622	52.6	7.207	126			2.0				84
Dew Point	319647	6261	49.7	8.263	126		2.0					84

USAFETAC FORM JUL 74 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
88/ 87							.1	.1										5	5		
86/ 85						.1	.2	.3	.2		.0							18	18		
84/ 83					.0	.3	.2	.2	.3		.0							24	24		
82/ 81				.0	.3	.4	.7	.1	.2									41	41		
80/ 79				.2	.6	.7	.5	.6	.0				.0					63	63		
78/ 77			.1	.3	.9	.9	1.0	.6	.2	.1	.1		.0					97	97		
76/ 75			.4	.9	.3	1.0	.4	.3	.2	.1								82	82	7	
74/ 73		.2	.5	.6	.5	.7	.9	1.0	.6	.2								120	120	41	2
72/ 71		.5	.7	.5	1.0	.9	1.3	.6	.3	.2	.0							138	138	54	16
70/ 69	.0	.6	.7	.5	.4	1.1	.7	.7	.4	.3	.1							131	131	115	55
68/ 67	.5	.9	.8	.9	.6	1.0	.7	.3	.0	.3								137	137	123	88
66/ 65	.4	1.1	.5	.6	1.5	.7	1.1	.5	.6	.2								167	167	130	101
64/ 63	.3	.7	.6	1.2	1.2	.8	.6	.5	.3									147	147	132	83
62/ 61	.4	1.4	1.4	1.2	.7	.8	.6	.2										157	157	134	123
60/ 59	.6	1.7	1.3	1.0	.7	1.1	.4	.2										162	162	180	128
58/ 57	.2	1.6	.9	.8	.5	.6	.4	.2										131	131	198	133
56/ 55	.5	2.0	1.3	.9	.6	.4	.2	.1										141	141	215	146
54/ 53	.2	1.5	.7	1.0	.5	.4	.1											103	103	169	175
52/ 51	.6	.9	1.1	.6	.2	.3	.0	.0										88	88	158	198
50/ 49	.4	1.6	1.2	.7	.2	.2	.0											104	104	162	140
48/ 47	.2	1.5	.7	.5	.2	.2												77	77	148	127
46/ 45	.1	1.3	.6	.2	.1													52	52	98	121
44/ 43	.1	1.2	.3	.1	.0	.0												43	43	90	163
42/ 41	.1	.9	.5	.1	.0													37	37	64	131
40/ 39	.2	.6	.2	.0	.0													27	27	47	100
38/ 37	.1	.2	.3	.0														15	15	23	75
36/ 35		.1	.1	.0														6	6	13	68
34/ 33	.0	.3	.0															10	10	13	41
32/ 31	.2	.0																5	5	15	42
30/ 29																				1	35
28/ 27																					13
26/ 25																					14
24/ 23																					3
22/ 21																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					4
TOTAL	5	321	015	212	811	712	510	3	6	4	3	1	1	3					2328		2328
													1					2328		2328	

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.	11886463	160231	68,8	19,203	2328							
Dry Bulb	9314157	145005	62,3	11,012	2328		1,4	247.1	129,9	34,1		672
Wet Bulb	7461860	130080	55,9	9.118	2328		4,6	97.6	13,9			672
Dew Point	6258104	118206	50,8	10,491	2328		32,9	46,5	,6			672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-75,77 (YEARS) MAR (MONTH)

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

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71		9.0																8	8		
70/ 69	2.2	11.2	3.4															15	15	15	10
68/ 67	2.2	10.1	1.1															12	13	10	13
66/ 65			2.2															2	2	10	8
64/ 63	1.1	4.5	1.1															6	6	1	5
62/ 61		1.1	3.4															4	4	7	3
60/ 59		5.6																5	5	3	4
58/ 57	1.1	1.1																2	2	8	8
56/ 55		2.2	4.5															6	6	1	3
54/ 53		3.4																3	3	4	2
52/ 51		2.2																2	2	5	3
50/ 49		5.6	3.4															8	8	2	7
48/ 47	1.1	5.6	3.4															9	9	9	2
46/ 45		4.5	3.4															7	7	5	4
44/ 43																				6	8
42/ 41																				3	6
38/ 37																					3
TOTAL	7.9	66.3	25.8															89	90	89	89

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	711595	7939	89.2	6.233	89							
Dry Bulb	331890	5404	60.0	9.124	90			37.2				93
Wet Bulb	308741	5175	58.1	9.436	89			26.1				93
Dew Point	296262	5056	56.8	10.132	89			24.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-75,77-78 (YEARS) MAR (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9	10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		1.5																	1	1		
72/ 71		3.0																	2	2	1	1
70/ 69	3.0	3.0	1.5																5	5	6	6
68/ 67	3.0	9.1																	8	8	4	3
66/ 65		3.0																	2	2	5	3
64/ 63	1.5	4.5																	4	4	3	6
62/ 61		6.1																	4	4	4	4
60/ 59	1.5	9.1	1.5																8	8	5	4
58/ 57	1.5	9.1	1.5	1.5															9	9	9	6
56/ 55		6.1	1.5																5	5	6	7
54/ 53	4.5	1.5	1.5	1.5															6	6	8	8
52/ 51	1.5	4.5	1.5																5	5	2	4
50/ 49		1.5																	1	1	5	3
48/ 47		1.5																	1	1	2	2
46/ 45		1.5																	1	1	1	1
44/ 43		3.0	1.5																3	3	1	2
42/ 41																					2	3
40/ 39																					1	1
38/ 37	1.5																		1	1	1	1
34/ 33																						1
TOTAL	18.2	68.2	10.6	3.0															66	66	66	66

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	552954	6020	91.2	7.703	66							
Dry Bulb	232944	3888	58.9	7.751	66			22.5	1.4			93
Wet Bulb	222455	3795	57.5	8.079	66			15.5				93
Dew Point	214676	3720	56.4	8.772	66			14.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75		.2																1	1		
74/ 73	.2	.6	.4															6	6	2	1
72/ 71	.4	2.1	1.3	.4														20	20	9	6
70/ 69	1.9	3.6	1.5	.2														34	34	28	22
68/ 67	2.8	6.6	1.5	.4														53	53	36	33
66/ 65	.4	5.3	1.5	.4	.2													37	37	44	38
64/ 63	1.3	7.6	1.1	.2														48	48	40	33
62/ 61	1.9	5.5	.8	.4	.2													42	42	51	55
60/ 59	.8	3.4	.6	.8														27	27	32	37
58/ 57	1.3	6.1	1.9	.8														48	48	35	32
56/ 55	.4	3.8	1.5	.4														29	29	39	32
54/ 53	1.3	5.3	1.5		.2													39	39	34	31
52/ 51		2.5	1.5	.4														21	21	29	32
50/ 49	.8	3.0	1.5	.4														27	27	26	33
48/ 47		1.1	.8	.2														10	10	18	21
46/ 45		1.1	.6	.8														12	12	15	13
44/ 43		.6	.4	.4														7	7	8	12
42/ 41	.2	.6	.8	.2														9	9	10	15
40/ 39																				11	3
38/ 37	.2																	1	1	4	5
36/ 35	.2																	1	1	1	10
34/ 33																					2
32/ 31																					5
30/ 29																					1
TOTAL	14.2	59.1	19.3	6.8	.6													472	472		472
																				472	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	3767014	41948	88.9	9.097	472							
Dry Bulb	1713665	28201	59.7	7.808	472			22.5	1.4			93
Wet Bulb	1612831	27319	57.9	8.195	472			14.8	.4			93
Dew Point	1541903	26633	56.4	9.113	472		1.2	12.2	.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.2											1	1		
86/ 85						.4	.2											3	3		
84/ 83				.2	.2	1.4	1.6											17	17		
82/ 81		.2		.4	.6	1.8	.6	.8										22	22		
80/ 79			.4	1.6	3.9	1.8	.6	.6										45	45	1	1
78/ 77			.8	2.5	1.8	1.0	.6		.2									35	35	2	
76/ 75		.8	2.3	3.9	1.6	2.3	.8	.6										63	63	12	2
74/ 73		.6	3.5	1.2	1.6	3.3	.8	.4										58	58	50	8
72/ 71		1.0	1.8	1.6	2.9	1.2	.8	.4										49	49	55	25
70/ 69	.2	1.8	1.2	1.4	2.1	1.2	.2	.4										43	43	54	64
68/ 67		1.0	1.8	2.3	1.6	1.2		.2										41	41	52	59
66/ 65	.4	.8	1.6	1.8	1.0	1.2												34	34	54	36
64/ 63		.2	.8	.8	1.0	.6												17	17	48	33
62/ 61		.6	.6	.8	.4		.4		.2									15	15	43	43
60/ 59		.2	.6	.8	1.2	.6	.6											20	20	30	49
58/ 57			.4	.6	1.0	.6	.2	.2										15	15	21	33
56/ 55		.2		.6	.4	.4												8	8	19	32
54/ 53		.2	.4	.6	.8	.8	.2											15	15	13	18
52/ 51					.2	.4												3	3	9	15
50/ 49			.2		1.0													6	6	16	21
48/ 47		.2																1	1	9	11
46/ 45				.2														1	1	10	13
44/ 43																				8	9
42/ 41																				5	5
40/ 39																				1	8
38/ 37																					3
36/ 35																					8
34/ 33																					10
32/ 31																					2
30/ 29																					2
28/ 27																					1
26/ 25																					1
TOTAL	.6	7.6	16.2	21.1	23.0	19.9	7.6	3.5	.4									512	512	512	512

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2496059	35095	68.5	13.306	512
Dry Bulb	2593554	36204	70.7	8.101	512
Wet Bulb	2122790	32706	63.9	8.105	512
Dew Point	1862764	30446	59.5	10.116	512

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			68.5	44.3	11.8		93
Wet Bulb			41.1	11.8	.2		93
Dew Point		1.1	28.9	2.0	.2		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91									.2									1	1		
90/ 89								.2	1.2	.6	.2							11	11		
88/ 87					.4		.8	.8	1.6	.4								20	20		
86/ 85				.2		2.0	2.0	3.3	1.2	.2	.2							50	50		
84/ 83					.2	4.5	4.3	1.4	1.8									62	62		
82/ 81			.2	.4	1.6	2.2	2.8	2.8	1.2	.2								57	57	1	
80/ 79				.6	.6	2.4	1.6	3.3	1.0	.4	.2							51	51	2	
78/ 77				.6	.2	1.6	2.4	1.2	1.6	.2			.2					40	40	1	3
76/ 75			.2	.8	1.0	1.8	2.9	2.6	.2	.2								49	49	31	1
74/ 73			.6	.6	.8	1.0	1.8	1.2	.4	.4								34	34	75	2
72/ 71		.8	.2	1.4	.4	1.0	.6	.2		.2								24	24	57	24
70/ 69		1.2	.2		1.0	1.4	.4	1.2	.2									28	28	42	56
68/ 67		.6	.4	.8	.4	.6	.4	.4			.2							19	19	72	49
66/ 65	.2	.8	.2				.4	.8	.4									14	14	44	52
64/ 63		.4	.2		.4	.4	.4	.8	.4									15	15	47	44
62/ 61	.2			.2		1.4	.8	.4										15	15	48	39
60/ 59			.2			.4	.8											7	7	14	48
58/ 57				.2	.4	.4	.6	.2										9	9	11	29
56/ 55						.2	.4											3	3	11	42
54/ 53																				10	18
52/ 51																				13	21
50/ 49																				16	11
48/ 47																				7	7
46/ 45																				4	5
44/ 43																				3	10
42/ 41																					13
40/ 39																					7
38/ 37																					9
36/ 35																					3
34/ 33																					7
32/ 31																					4
28/ 27																					5
TOTAL	.4	3.7	2.4	5.7	7.3	21.0	24.0	20.6	11.2	2.8	.8		.2					509	509	509	509

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1675327	28385	55.8	13.487	509
Dry Bulb	3039393	39127	76.9	7.898	509
Wet Bulb	2239566	33550	65.9	7.446	509
Dew Point	1838590	30166	59.3	10.000	509

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			81.5	68.5	42.0		93
Wet Bulb			51.3	20.1	.4		93
Dew Point		1.6	24.7	1.1			93

USAFETAC FORM 0-26-5 (01, A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93											.2							1	1		
92/ 91									.2	.4								3	3		
90/ 89								.4	.2	1.6	.6							14	14		
88/ 87					.2	.6	.6	1.9	3.5	.8	.4							39	39		
86/ 85						.6	1.0	2.9	1.9	1.0								36	36		
84/ 83				.2	.6	.4	4.7	2.7	2.9	.6								59	59		
82/ 81				.4	.6	2.1	1.9	3.3	1.6	.2	.2	.2						51	51		
80/ 79			.2		1.0	.6	.4	3.9	.6	.4	.2							36	36	1	
78/ 77			.4	.6	.8	1.0	1.2	2.3	1.2	.2	.4							40	40	5	
76/ 75			.4	.8	.6	1.9	1.9	2.5	1.6									47	47	16	2
74/ 73		.2	.8	.4	1.0	2.3	.4	1.4	.4	.4								36	36	46	10
72/ 71		.2	.8		.6	2.1	1.0	.4										25	25	78	12
70/ 69			.8	.2	1.2	.6	1.2	1.0	.4									27	27	44	19
68/ 67		1.0			.4		.4	1.2	.2									16	16	60	41
66/ 65		.6					.2	1.0	.6	.4	.2							15	15	56	65
64/ 63	.4	.6		.2		1.2		.4	.2									15	15	43	49
62/ 61		.8		.2	.6	.4												10	10	47	37
60/ 59				.2	.2	.4	.4	.2										7	7	20	51
58/ 57				.2		.2	.2											3	3	12	41
56/ 55					.2		.6											4	4	11	34
54/ 53			.2															1	1	17	18
52/ 51																				9	21
50/ 49																				10	19
48/ 47																				6	11
46/ 45																				1	10
44/ 43																				3	11
42/ 41																					7
40/ 39																					8
38/ 37																					4
36/ 35																					3
34/ 33																					4
32/ 31																					3
30/ 29																					3
28/ 27																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					1
TOTAL	.4	3.5	3.7	3.5	8.2	14.4	16.3	25.6	15.7	6.2	2.3	.2						485	485	485	485

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.	1503336	26132	53.9	14.035	485							
Dry Bulb	2933120	37520	77.4	7.944	485			82.5	69.4	42.8	.2	93
Wet Bulb	2114822	31850	65.7	6.928	485			47.9	13.0			93
Dew Point	1708476	28436	58.6	9.232	485		1.5	16.1	2.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
88/ 87							.3											1	1		
86/ 85						.8		.3	1.1									8	8		
84/ 83					.3	.3		.8	.6									7	7		
82/ 81				.6		.8	1.7	.3										12	12		
80/ 79				.3	2.0	3.1	1.1	.6										25	25		
78/ 77			.6	1.1	1.7	1.1	1.1	1.1	.3									25	25		
76/ 75		.3	1.4	3.7	1.1	1.4	1.1	.8										35	35	7	
74/ 73		.6	1.1	2.3	2.3	1.7	.6	.6	.6									34	34	12	3
72/ 71		.3	1.1	1.4	3.4	1.4	.8	.3	.3									32	32	25	10
70/ 69			1.7	3.7	2.0	2.3	.6	.3										37	37	45	20
68/ 67		1.4	1.1	3.7	1.4	1.4	.3											33	33	34	22
66/ 65		1.4	2.0	2.5	.6	1.1	.8	.3										31	31	41	28
64/ 63		1.1	.8	1.7	.3	.3	.3											16	16	37	39
62/ 61		1.1	.8	.6	1.4		.3	.3										16	16	42	44
60/ 59		.3	.3	.3	.8	.8	.3											10	10	31	31
58/ 57			.3	.3	.6	.6												6	6	20	34
56/ 55			.3	.6	.3	.6	.3											7	7	9	24
54/ 53			.6	.8	.3													6	6	10	19
52/ 51			.6	.3	.8													6	6	8	12
50/ 49		.3	.8	.6	.3													7	7	11	14
48/ 47																				9	7
46/ 45																				9	9
44/ 43																				4	10
42/ 41																					11
40/ 39																					6
38/ 37																					2
36/ 35																					6
34/ 33																					1
32/ 31																					1
30/ 29																					1
TOTAL		6.8	13.6	24.3	19.5	17.8	9.6	5.6	2.8										354		354
																		354		354	

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.	1638145	23609	66.7	13.424	354							
Dry Bulb	1764579	24829	70.1	8.092	354			65.4	38.6	10.8		93
Wet Bulb	1415886	22238	62.8	7.320	354			32.3	5.0			93
Dew Point	1221036	20552	58.1	8.884	354		.5	14.4	.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77				1.5														3	3		
76/ 75		1.0	3.0	1.5														11	11		
74/ 73		1.0	5.1	1.5	1.0													17	17	3	
72/ 71		4.5	5.1	1.0		.5												22	22	14	7
70/ 69		3.0	5.1	4.0	.5	.5												26	26	26	16
68/ 67		1.5	4.0	.5	1.0													14	14	14	24
66/ 65		1.5	3.0	2.5														14	14	20	8
64/ 63		4.5	5.1	1.5														22	22	19	18
62/ 61		3.0	2.5	1.0	.5													14	14	14	21
60/ 59		1.0		2.5														7	7	22	15
58/ 57		1.0	1.0	1.0	1.0													8	8	11	18
56/ 55			3.0	.5														7	7	8	9
54/ 53		1.0	1.0	1.0	.5													7	7	4	10
52/ 51		.5	3.0	1.5														10	10	10	4
50/ 49		2.0	1.0	.5	.5													8	8	6	8
48/ 47			3.0	1.0														8	8	11	6
46/ 45																				10	12
44/ 43																				5	7
42/ 41																				1	5
40/ 39																					3
38/ 37																					5
36/ 35																					1
34/ 33																					1
TOTAL		25.8	44.9	23.2	5.1	1.0													198		198
																		198		198	

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.	1291699	15887	80.2	9.281	198							
Dry Bulb	831706	12732	64.3	8.123	198			43.7	14.6			93
Wet Bulb	740426	11996	60.6	8.320	198			26.8	1.4			93
Dew Point	683822	11486	58.0	9.430	198			22.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93											.0							1	1		
92/ 91									.1	.1								4	4		
90/ 89								.1	.3	.4	.1							25	25		
88/ 87					.1	.1	.3	.5	.9	.2	.1							61	61		
86/ 85				.0		.7	.7	1.2	.7	.2	.0							97	97		
84/ 83				.1	.2	1.2	2.0	.9	.9	.1								145	145		
82/ 81		.0	.0	.3	.5	1.2	1.2	1.3	.5	.1	.0	.0						142	142	1	
80/ 79			.1	.4	1.3	1.3	.6	1.5	.3	.1	.1							157	157	4	1
78/ 77			.3	1.0	.7	.8	.9	.8	.6	.1	.1		.0					143	143	8	3
76/ 75		.3	1.0	1.6	.7	1.3	1.2	1.2	.3	.0								206	206	66	5
74/ 73	.0	.4	1.5	.8	1.0	1.5	.6	.6	.2	.1								186	186	188	24
72/ 71	.1	1.5	1.3	.9	1.2	1.0	.6	.2	.0	.0								182	182	239	85
70/ 69	.5	1.9	1.4	1.1	1.1	.9	.4	.5	.1									215	215	260	213
68/ 67	.6	2.5	1.2	1.2	.7	.5	.2	.3	.0		.0							196	197	282	244
66/ 65	.2	1.7	1.2	.9	.3	.4	.2	.4	.2	.1	.0							149	149	274	238
64/ 63	.4	2.3	.9	.6	.3	.4	.1	.2	.1									143	143	238	227
62/ 61	.4	1.8	.7	.4	.4	.3	.3	.1	.0									120	120	256	246
60/ 59	.2	1.2	.3	.6	.4	.4	.4	.0										91	91	157	239
58/ 57	.3	1.4	.6	.5	.4	.3	.2	.1										100	100	127	201
56/ 55	.1	.9	.7	.3	.1	.2	.2											69	69	104	183
54/ 53	.3	1.2	.6	.3	.3	.1	.0											77	77	100	124
52/ 51	.0	.7	.6	.2	.1	.1												47	47	85	112
50/ 49	.1	.9	.6	.2	.3													57	57	92	116
48/ 47	.0	.4	.5	.1														29	29	71	67
46/ 45		.4	.2	.2														21	21	55	67
44/ 43		.2	.1	.1														10	10	38	69
42/ 41	.0	.1	.1	.0														9	9	21	65
40/ 39																				13	36
38/ 37	.1																	2	2	5	32
36/ 35	.0																	1	1	1	31
34/ 33																					26
32/ 31																					15
30/ 29																					7
28/ 27																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70/73-78 (YEARS) MAR (MONTH)

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

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					2
TOTAL	3	19	13	11	9	10	12	10	9	5	1	.6	.0	.0				2685	2686	2685	2685

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	13636129	185015	68.9	18.182	2685							
Dry Bulb	13440851	187905	70.0	10.492	2686			487.8	323.2	154.8	.3	744
Wet Bulb	10777517	168629	62.8	8.345	2685			290.4	74.0	.8		744
Dew Point	9367529	156495	58.3	9.578	2685		8.6	159.3	9.1	.3		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 70,75 (YEARS) APR (MONTH)

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

Temp (F)	0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75			2.6															1	1		
74/ 73		2.6	5.1															3	3		
72/ 71		2.6	2.6															2	2	3	
70/ 69		5.1	5.1															4	4	3	5
68/ 67		2.6	2.6															2	2	5	2
66/ 65		10.2	5.1															6	6	2	4
64/ 63		17.9	5.1															9	9	5	2
62/ 61		7.7	5.1															5	5	9	6
60/ 59		7.7																3	3	5	9
58/ 57		2.6																1	1	4	7
56/ 55																					1
54/ 53		2.6																1	1	1	
52/ 51	2.6	2.6																2	2	2	3
TOTAL	2.6	64.1	33.3																39		39
																		39		39	

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.	308531	3465	88.8	4.227	39							
Dry Bulb	163992	2520	64.6	5.528	39			27.7	9.2			90
Wet Bulb	153535	2439	62.5	5.139	39			25.4				90
Dew Point	147708	2392	61.3	5.126	39			16.2				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		.9																1	1	1	1
72/ 71		3.7																4	4		
70/ 69	.9	1.8																3	3	5	3
68/ 67	1.8	7.3																10	10	7	9
66/ 65	.9	8.3	.9															11	11	8	8
64/ 63	1.8	9.2	2.4															15	15	12	8
62/ 61	.9	11.9	3.7	.9														19	19	10	11
60/ 59	.9	11.0	3.7															17	17	22	15
58/ 57	.9	4.6	1.8															8	8	15	16
56/ 55	.9	2.8	.9	.9														6	6	10	12
54/ 53	1.8	1.8	4.6					.9										10	10	4	10
52/ 51	.9		1.8															3	3	4	3
50/ 49			.9															1	1	8	1
48/ 47		.9																1	1	2	7
46/ 45																					3
44/ 43																					1
42/ 41																				1	
24/ 23																					1
TOTAL	11.9	64.2	21.1	1.8				.9										109	109	109	109

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.	893977	9823	90.1	8.994	109							
Dry Bulb	410814	6668	61.2	5.185	109			14.9	.8			90
Wet Bulb	388928	6480	59.4	5.849	109			10.7	.8			90
Dew Point	374531	6343	58.2	7.081	109		.8	10.7	.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79				.2														1	1		
78/ 77			.2	.2	.2													3	3		
76/ 75		1.5	1.7	1.3		.2												22	22		
74/ 73	.2	2.0	2.2	1.1	.2	.4												28	28	17	8
72/ 71		4.8	2.6	1.7	.4													44	44	18	17
70/ 69	.7	5.2	2.8	1.7	1.1													53	53	48	34
68/ 67	1.1	5.2	3.9	1.3	.7	.2												57	57	45	41
66/ 65	2.0	6.1	2.6	1.3	.2	.2	.2											58	58	64	52
64/ 63	1.1	5.7	2.4	1.1														47	47	56	48
62/ 61	.7	5.0	2.0	.4	.7													40	40	51	57
60/ 59	.4	5.9	2.2	.7	.2		.2											44	44	51	46
58/ 57	.4	2.0	1.1	.9	.4													22	22	34	46
56/ 55		3.7	.4			.2												20	20	25	30
54/ 53		.9	.7	.9														11	11	22	28
52/ 51		.9	.2				.2											6	6	9	18
50/ 49		.2	.4															3	3	9	8
48/ 47		.2																1	1	9	9
46/ 45																				1	5
44/ 43																					8
42/ 41																				1	2
38/ 37																					2
26/ 25																					1
TOTAL	6.5	49.1	25.4	12.8	4.1	1.3	.7											460	460		460
																		460		460	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3419483	39377	85.6	10.303	460							
Dry Bulb	1978898	30042	65.3	6.067	460			40.7	10.6	.2		90
Wet Bulb	1815822	28764	62.5	6.121	460			25.0	3.3			90
Dew Point	1721658	27956	60.8	7.027	460		.2	19.6	1.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89								.2										1	1		
88/ 87						.2	.4	.2	.2									5	5		
86/ 85					.2	.8	1.0	.4	.4									14	14		
84/ 83					1.0	2.4	2.4	1.2	.6	.2	.2							40	40		
82/ 81			.2	.2	1.6	3.3	3.3	1.6	.8									54	54		
80/ 79				2.4	2.0	5.1	1.4	1.8	.6									66	66		
78/ 77			1.0	2.8	5.1	2.2	2.8	1.6	.8	.2								82	82	5	
76/ 75		.8	1.4	3.0	3.5	3.7	1.6	2.0										79	79	17	1
74/ 73		.8	2.0	1.8	2.2	3.5	1.4	.8	.4	.2								65	65	62	9
72/ 71			.6	1.2	2.2	.6	.8	.2	.2									29	29	62	38
70/ 69		.6	.4	1.0	1.2	.6	.4	.2	.2									23	23	94	45
68/ 67	.4	.2		.6	.6	.6	.2	.4		.2								16	16	67	67
66/ 65				.2	.4	.2	.6											7	7	63	68
64/ 63				.2	.4	.4		.2										6	6	50	50
62/ 61						.6	.2											4	4	28	48
60/ 59					.2													1	1	14	35
58/ 57																				12	42
56/ 55																				6	28
54/ 53																				6	14
52/ 51																				4	17
50/ 49																				2	7
48/ 47																					4
46/ 45																					8
44/ 43																					7
40/ 39																					2
36/ 35																					1
34/ 33																					1
TOTAL	.4	2.4	5.7	13.6	20.7	24.2	16.7	11.0	4.3	.8	.2							492	492	492	492

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.	1993549	30721	62.4	12.384	492							
Dry Bulb	2900379	37693	76.6	5.076	492			86.7	74.3	26.0		90
Wet Bulb	2257703	33233	67.5	5.130	492			56.2	15.4			90
Dew Point	1940786	30706	62.4	7.050	492			29.3	1.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95									.2	.2	.2							3	3		
94/ 93									.4	.2	.4	.2						6	6		
92/ 91									.8	.4		.2						7	7		
90/ 89							1.2	1.2	1.6	.4	.8							26	26		
88/ 87							1.8	2.7	2.3	1.6	1.0	.4						48	48		
86/ 85					.2	2.1	2.9	2.7	4.5	2.3	1.0							76	76		
84/ 83					1.0	1.6	3.7	3.7	2.5	1.0	.6							69	69		
82/ 81					.4	2.1	5.1	3.1	5.1	1.2	.4	.2						86	86		
80/ 79					.2	1.6	2.5	4.3	2.5	.6	.2							58	58	3	
78/ 77				.4	1.2	.8	2.3	1.0	1.6	1.0	.2							42	42	9	
76/ 75			.6	.2	.6	1.8	.8	1.0	.6	.2								29	29	42	1
74/ 73		.6		.4		1.0		.4		.2								13	13	59	6
72/ 71		.8				.2	1.0	.2		.4								13	13	65	26
70/ 69						.6	.2	.2		.4								7	7	90	41
68/ 67					.2	.2	.2											3	3	64	51
66/ 65																				76	59
64/ 63							.2											1	1	31	47
62/ 61																				22	52
60/ 59																				13	49
58/ 57																				5	59
56/ 55																				4	28
54/ 53																				2	18
52/ 51																				2	23
50/ 49																					8
48/ 47																					7
46/ 45																					5
44/ 43																					1
42/ 41																					2
40/ 39																					1
38/ 37																					1
36/ 35																					2
TOTAL		1.4	.6	1.0	2.9	12.1	22.0	20.5	22.2	10.3	4.9	1.0							487		487
																		487		487	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1303217	24637	50.6	10.815	487							
Dry Bulb	3289939	39949	82.0	5.150	487			89.8	85.6	64.5	1.7	90
Wet Bulb	2310117	33461	68.7	4.771	487			61.4	20.9	.2		90
Dew Point	1862796	29938	61.5	6.786	487			23.1	1.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95											.2							1	1		
94/ 93										.2	.2	.4	.2	.2				6	6		
92/ 91									.9	.9	.9	.2						13	13		
90/ 89							.2	.2	2.5	2.2	2.7			.4				37	37		
88/ 87							.7	1.1	2.7	1.3	1.3	.2						33	33		
86/ 85					.2	1.1	1.3	2.9	3.6	2.0	3.6	.7						69	69		
84/ 83					.2	1.6	2.7	4.7	2.5	1.6	1.1	.2						65	65		
82/ 81				.2	.2	.4	1.3	2.9	2.9	2.0								45	45		
80/ 79				.2	.7	1.8	1.3	2.5	2.5	2.0	.2	.2						51	51		
78/ 77				1.8	1.8	1.1	3.1	1.6	1.1	.7	.7	.2						54	54	2	
76/ 75		.2	.4	.7	.4	1.8	.9	.7	.9	.2								28	28	19	
74/ 73		.4	.2	1.1	.7	.4	.9	.9	.4		.4							25	25	48	3
72/ 71			.2			.2	.4	.2		.2								6	6	79	15
70/ 69	.2		.4		.4			.4		.2								8	8	75	27
68/ 67		.2			.2	.2	.2											4	4	66	35
66/ 65																				72	63
64/ 63	.2																	1	1	35	47
62/ 61																				20	55
60/ 59																				16	33
58/ 57																				8	45
56/ 55																				2	46
54/ 53																				3	20
52/ 51																				1	19
50/ 49																					16
48/ 47																					7
46/ 45																					6
44/ 43																					2
40/ 39																					3
38/ 37																					3
36/ 35																					1
TOTAL	.4	.9	1.3	4.0	4.9	8.7	13.2	18.2	20.0	13.7	11.4	2.2	.2	.7				446	446		446
																		446		446	

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.	1161583	22017	49.4	12.957	446							
Dry B	3007602	36542	81.9	5.532	446			89.8	86.2	59.5	1.4	90
Wet Bulb	2075581	30359	68.1	4.512	446			58.3	13.9			90
Dew Point	1646323	26925	60.4	6.847	446			16.1	.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89											.9							2	2		
88/ 87								.4	.9									3	3		
86/ 85							.4	2.2	1.3	.4	.4							11	11		
84/ 83						.9	.9	2.2	.4	.9								12	12		
82/ 81					.4	1.8	2.7	2.2	.9			.4						19	19		
80/ 79				.4	1.8	4.9	.4	1.8	.4									22	22		
78/ 77				1.8	4.7	1.8	2.7	1.3		1.3								26	26		
76/ 75			.9	3.1	3.1	4.0		.4		.9								28	28		
74/ 73			.4	2.2	2.7	4.5	2.2	.4										28	28	10	
72/ 71		.9	.9	2.2	3.6	2.2	.4	.4										24	24	28	2
70/ 69		1.3	.9	2.7	.9	.9	.4											16	16	40	16
68/ 67		2.2	.9	2.2	1.8	.9	.4											19	19	31	18
66/ 65		.4	1.3	.9														6	6	41	34
64/ 63			.4	.4	.9	.4												5	5	27	27
62/ 61				.4		.4												2	2	20	29
60/ 59		.4																1	1	15	29
58/ 57																				8	23
56/ 55																				2	19
54/ 53																				2	10
52/ 51																					4
50/ 49																					4
48/ 47																					4
46/ 45																					4
44/ 43																					1
TOTAL		5.4	5.8	16.5	17.9	22.8	10.7	11.6	4.0	3.6	1.3	.4						224	224	224	224

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.	909874	13946	62.3	13.660	224							
Dry Bulb	1279245	16875	75.3	5.978	224			84.4	60.7	24.5		90
Wet Bulb	986183	14831	66.2	4.353	224			43.8	4.0			90
Dew Point	838470	13646	60.9	5.667	224			14.5				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,75-77 (YEARS) APR (MONTH)

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81						1.0												1	1		
80/ 79					1.0													1	1		
78/ 77				1.0														1	1		
76/ 75		2.0	2.0	1.0	1.0													6	6		
74/ 73		1.0	3.0	7.9	1.0													13	13	6	2
72/ 71		1.0	4.0	4.0														9	9	2	3
70/ 69		5.0	4.0	3.0	2.0													14	14	7	3
68/ 67		3.0	7.9	9.9														21	22	19	10
66/ 65	1.0	5.9	6.9	4.0	1.0													19	19	13	15
64/ 63			4.0	1.0														5	5	19	16
62/ 61		1.0	2.0	1.0														4	4	18	12
60/ 59			2.0	1.0														3	3	5	16
58/ 57		1.0	2.0															3	3	4	12
56/ 55																				5	4
54/ 53			1.0															1	1	2	3
52/ 51																				1	3
50/ 49																					1
48/ 47																					1
TOTAL	1.0	19.8	38.6	33.7	5.9	1.0												101	102	101	101

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.	657131	8107	80.3	8.002	101							
Dry Bulb	477427	6961	68.2	4.847	102			59.1	19.4	1.8		90
Wet Bulb	418420	6484	64.2	4.648	101			30.3	5.3			90
Dew Point	389660	6252	61.9	5.153	101			16.0	1.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
96/ 95									.0	.0	.1							4	4		
94/ 93									.1	.1	.1	.1	.0	.0				12	12		
92/ 91									.3	.3	.2	.1						20	20		
90/ 89							.3	.3	.8	.5	.8			.1				66	66		
88/ 87						.0	.6	.8	1.1	.6	.5	.1						89	89		
86/ 85					.1	.8	1.1	1.4	1.8	.9	.9	.1						170	170		
84/ 83					.5	1.2	1.9	2.1	1.1	.6	.4	.0						186	186		
82/ 81			.0	.1	.5	1.4	2.2	1.7	1.9	.6	.1	.1						205	205		
80/ 79				.6	.8	2.2	1.1	1.9	1.1	.5	.1	.0						199	199	3	
78/ 77			.3	1.3	2.0	1.0	1.9	1.0	.7	.5	.2	.0						208	208	16	
76/ 75		.6	1.1	1.4	1.3	1.9	.7	.8	.3	.2								193	193	78	2
74/ 73	.0	.9	1.1	1.4	.9	1.5	.7	.5	.2	.1	.1							176	176	203	29
72/ 71		1.4	1.0	1.0	.9	.4	.5	.2	.0	.1								131	131	257	101
70/ 69	.2	1.7	1.1	.9	.7	.3	.2	.2	.0	.1								128	128	362	174
68/ 67	.4	1.8	1.2	1.0	.5	.3	.2	.1		.0								132	133	304	233
66/ 63	.5	2.0	1.1	.6	.2	.1	.2											107	107	339	303
64/ 63	.3	1.8	.9	.3	.2	.1	.0	.0										89	89	235	245
62/ 61	.2	1.7	.7	.2	.1	.2	.0											74	74	178	270
60/ 59	.1	1.8	.7	.2	.1		.0											69	69	141	232
58/ 57	.1	.7	.4	.2	.1													34	34	90	250
56/ 55	.0	.8	.1	.0		.0												26	26	54	168
54/ 53	.1	.3	.4	.2				.0										23	23	42	103
52/ 51	.1	.2	.1				.0											11	11	23	90
50/ 49		.0	.1															4	4	19	45
48/ 47		.1																2	2	11	39
46/ 45																				1	31
44/ 43																					20
42/ 41																				2	4
40/ 39																					6
38/ 37																					6
36/ 35																					4
34/ 33																					1
26/ 25																					1
24/ 23																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	2.1	15.9	10.3	9.4	8.8	11.7	11.7	11.1	9.6	5.2	3.4	.7	.0	.1				2358	2359	2358	2358

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.	10647345	152093	64.5	18.847	2358							
Dry Bulb	13508296	177250	75.1	8.979	2359			586.0	466.4	259.4	4.9	720
Wet Bulb	10406289	156051	66.2	5.787	2358			373.4	91.6	.3		720
Dew Point	8921932	144158	61.1	6.792	2358		.6	164.6	9.5			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70, 73-75, 77-78 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75			1.8															1	1		
74/ 73		14.5	7.3															12	12		
72/ 71	3.6	18.2			1.8													13	13	18	9
70/ 69	1.8	10.9			1.8													8	8	12	20
68/ 67	7.3	12.7																11	11	9	7
66/ 65		5.5		1.8														4	4	6	8
64/ 63			1.8															1	1	3	2
62/ 61		1.8	1.8															2	2		1
60/ 59																				4	1
58/ 57			1.8															1	1		1
56/ 55		3.6																2	2		2
54/ 53																				3	3
52/ 51																					1
TOTAL	12.7	67.3	14.5	1.8	3.6														55		55
																		55		55	

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.	461032	5018	91.2	7.708	55							
Dry Bulb	264567	3807	69.2	4.417	55			76.1	22.0			93
Wet Bulb	251341	3709	67.4	4.752	55			65.9				93
Dew Point	245404	3662	66.6	5.412	55			60.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75	.5	1.4																4	4	1	1
74/ 73	.5	2.7	.5															8	8	5	5
72/ 71	1.4	5.0	.9															16	16	11	6
70/ 69	3.2	16.0	2.3			.5												48	48	30	30
68/ 67	5.5	15.1	3.7															53	53	53	44
66/ 65	.5	10.0	2.3															28	28	33	33
64/ 63	2.7	10.0	3.7															36	36	33	35
62/ 61	.5	5.0																12	12	26	19
60/ 59	.9	1.8	1.4															9	9	15	26
58/ 57		.9																2	2	4	8
56/ 55		.9	.5															3	3	5	4
54/ 53																				3	6
52/ 51																					2
TOTAL	15.5	60.9	15.1			.5												219	219	219	219

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.	1883895	20273	92.6	5.750	219							
Dry Bulb	979260	14620	66.8	3.866	219			54.8	5.1			93
Wet Bulb	938030	14304	65.3	4.155	219			42.5	2.5			93
Dew Point	918527	14147	64.6	4.622	219			36.5	2.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87									.2									1	1		
84/ 83							.2											1	1		
82/ 81			.4	.2		.2												4	4		
80/ 79		.2	1.8	3.7	.2	.4												32	32	1	
78/ 77		.8	1.8	3.6	1.4													38	38	3	3
76/ 75	.6	2.8	3.2	3.4	1.6	.2	.2											60	60	23	10
74/ 73	.4	4.1	4.7	2.0	1.0	.2												63	63	51	28
72/ 71	.6	7.3	3.6	.6	1.0	.2												67	67	74	52
70/ 69	2.0	9.7	3.0	.4	.4													78	78	97	92
68/ 67	1.8	6.9	2.6	.2	.2													59	59	89	92
66/ 65	.4	5.3	1.8	.6														41	41	58	74
64/ 63	.8	4.3	1.8															35	35	48	57
62/ 61	.2	.8	1.0															10	10	31	37
60/ 59	.4	2.0	.2															13	13	18	26
58/ 57		.6																3	3	8	17
56/ 55		.2	.2															2	2	4	13
54/ 53																				2	5
52/ 51																					1
TOTAL	7.1	45.0	25.8	14.6	5.7	1.2	.4		.2									507	507		507
																		507		507	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3806484	43664	86.1	9.539	507
Dry Bulb	2562893	35949	70.9	5.245	507
Wet Bulb	2350887	34449	67.9	4.487	507
Dew Point	2250134	33690	66.4	4.756	507

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			73.9	36.5	3.9		93
Wet Bulb			62.0	14.3			93
Dew Point			50.8	7.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93										.2	.2							2	2		
92/ 91					.2			.2	.2	.4	.2							6	6		
90/ 89				.2	.2	1.0	1.2	.8		.6								20	20		
88/ 87					.4	2.4	3.8	1.8	.6	.2								46	46		
86/ 85			.2	.2	1.6	4.2	3.0	1.4	.8									57	57		
84/ 83				.8	3.8	5.5	3.6	2.4	1.8	.2								91	91	2	1
82/ 81			.4	2.6	6.5	3.8	4.0	.4	1.2	.2								96	96	2	1
80/ 79		.4	1.2	3.2	4.5	5.1	1.0	1.0		.2								84	84	13	2
78/ 77		.2	2.0	3.0	2.6	1.6	.6											50	50	48	3
76/ 75		.8	1.4	1.0	1.0	1.6		.2										30	30	86	26
74/ 73		.2	1.0	.4	.2	.6	.2											13	13	142	61
72/ 71		.2	.2		.2													3	3	75	81
70/ 69		.8		.4	.4													8	8	75	109
68/ 67																				39	68
66/ 65																				13	58
64/ 63																				7	34
62/ 61																				4	25
60/ 59																					23
58/ 57																					9
56/ 55																					1
54/ 53																					3
48/ 47																					1
TOTAL		2.6	6.3	11.7	21.5	25.7	17.2	8.1	4.5	2.0	.4								506		506
																		506		506	

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.	2167029	32633	64.5	11.121	506							
Dry Bulb	3395889	41295	81.6	4.322	506			93.0	91.0	66.3	.4	93
Wet Bulb	2676737	36759	72.6	3.541	506			88.6	53.9	1.1		93
Dew Point	2376127	34591	68.4	4.757	506			64.7	17.3	.6		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97								.2				.6						4	4		
96/ 95							.2		.4	.2	.8	.4	.4					12	12		
94/ 93						.4	.2	1.2	1.2	1.6	2.0	.4						35	35		
92/ 91						1.0	.8	3.3	2.5	.6	.8							46	46		
90/ 89						.4	2.1	3.7	4.5	1.0	1.2	.2						67	67		
88/ 87					.2	2.5	5.3	5.5	1.6	2.7	1.4							98	98		
86/ 85				.2	.6	3.3	3.3	4.7	3.1	2.9		.2						94	94	1	
84/ 83				1.0	.8	1.0	1.2	2.7	2.3	1.2		.4	.2					58	58	3	
82/ 81			.4	.4	.2	2.3	1.8	.8	.6	.2								34	34	7	3
80/ 79			1.0	1.0	.2	.2	.4	.6	.6									20	20	25	3
78/ 77		.6	.4	.6		.2		.4	.4									13	13	65	7
76/ 75	.4	.2	.8			.2	.6											11	11	113	28
74/ 73	.2	.6	.4		.2	.4												9	9	104	46
72/ 71		.4	.4															4	4	69	70
70/ 69	.2			.4														3	3	59	83
68/ 67	.2	.6																4	4	37	71
66/ 65																				17	52
64/ 63																				9	41
62/ 61																				3	37
60/ 59																					33
58/ 57																					21
56/ 55																					9
54/ 53																					2
52/ 51																					3
50/ 49																					2
46/ 45																					1
TOTAL	1.0	2.3	3.3	3.5	2.1	12.5	15.8	23.0	17.2	10.4	6.1	2.1	.6					512	512		512
																		512		512	

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.	1622560	28006	54.7	12.319	512							
Dry Bulb	3812465	44097	86.1	5.331	512			93.0	91.0	83.6	9.3	93
Wet Bulb	2752944	37488	73.2	3.986	512			87.7	57.8	3.6		93
Dew Point	2334331	34449	67.3	5.681	512			56.5	15.8	.7		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97								.3			.3	.3	.8		.3			7	7		
96/ 95										.3	1.5	.8						10	10		
94/ 93								.5	1.8	.8	1.8	.8						22	22		
92/ 91							.8	1.8	2.0	2.3	.8							30	30		
90/ 89							1.3	3.0	4.6	1.0	1.0	.3						44	44		
88/ 87						.5	1.0	4.8	3.3	1.8	2.0							53	53		
86/ 85				.3	.5	3.3	2.3	2.5	4.1	2.8	1.3	.5						69	69		
84/ 83				1.0	.5	1.8	4.1	2.8	2.0	.8								51	51	1	
82/ 81			.5	1.0	2.0	1.3	1.0	.3	.5	.5								28	28		
80/ 79		.3	.5	1.0	2.0	.8		.8		.3								22	22	15	1
78/ 77		.3	.5	1.3	1.0		.3	.5										15	15	32	2
76/ 75	.3	1.0	1.0	.5	.3	.3												13	13	70	17
74/ 73	.3	1.0				.8												8	8	104	28
72/ 71	.3	1.8	.3			.3												10	10	57	48
70/ 69	1.0	.8	.8															10	10	61	65
68/ 67	.5																	2	2	35	70
66/ 65																				8	49
64/ 63																				9	27
62/ 61																				2	27
60/ 59																					28
58/ 57																					18
56/ 55																					7
54/ 53																					3
52/ 51																					2
50/ 49																					1
48/ 47																					1
TOTAL	2.3	5.1	3.6	5.1	6.3	8.9	10.7	17.3	18.3	10.4	8.6	2.5	.8		.3			394	394		394
																				394	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1356569	22189	56.3	16.496	394							
Dry Bulb	2861913	33489	85.0	6.267	394			93.0	87.8	77.7	9.2	93
Wet Bulb	2077690	28576	72.5	3.614	394			88.5	52.4	.9		93
Dew Point	1766420	26282	66.7	5.356	394			54.5	11.3	.2		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89						.4		.8										3	3		
88/ 87						.4	.4		1.6	.4	.4							8	8		
86/ 85					.4	.8	.8	.8										7	7		
84/ 83				.8	4.0	2.4	2.0	.8	.8									22	22		
82/ 81			.4	.8	1.6	5.1	2.0	1.2	1.6									32	32		
80/ 79		.4		1.2	4.0	5.1	2.8	.4	.4									36	36	1	
78/ 77			2.8	5.5	4.0	3.6	1.2		.4									44	44	6	1
76/ 75		.4	4.0	6.3	2.4	1.2	.4		.4									38	38	14	4
74/ 73	.4	5.1	2.0	2.0	1.6	.4		.4										30	30	49	7
72/ 71		2.8			1.2		.4											11	11	58	41
70/ 69		2.0	1.6			.8												11	11	55	37
68/ 67		.8	1.6	.4		.4												8	8	33	51
66/ 65		.8																2	2	21	38
64/ 63																				8	24
62/ 61			.4															1	1	3	24
60/ 59																				3	10
58/ 57																				2	4
56/ 55																					6
54/ 53																					2
52/ 51																					3
50/ 49																					1
TOTAL	.4	12.3	12.6	17.0	17.0	20.6	9.9	4.3	5.1	.4	.4							253	253	253	253

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.	1273295	17605	69.6	13.837	253							
Dry Bulb	1531035	19641	77.6	4.983	253			91.9	80.9	33.8		93
Wet Bulb	1250461	17763	70.2	3.635	253			79.4	25.7			93
Dew Point	1121773	16803	66.4	4.798	253			51.8	4.4			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81				.7														1	1		
78/ 77			2.9	3.6														9	9		
76/ 75		2.2	6.5	.7	.7	.7												15	15	1	
74/ 73		8.7	9.4	4.3		.7												32	32	11	3
72/ 71		10.9	6.5	8.0	2.2													38	38	32	20
70/ 69	.7	5.1	8.7	1.4														22	22	28	35
68/ 67		2.2	2.9	2.2	1.4													12	12	25	18
66/ 65		2.2		.7														4	4	22	17
64/ 63			.7	.7														2	2	9	21
62/ 61				2.2														3	3	4	11
60/ 59																				2	4
58/ 57																				1	4
56/ 55																				3	1
54/ 53																					1
52/ 51																					1
50/ 49																					2
TOTAL	.7	31.2	37.7	24.6	4.3	1.4												138	138	138	138

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	969714	11500	83.3	9.114	138							
Dry Bulb	711580	9898	71.7	3.470	138			86.9	38.4	.7		93
Wet Bulb	643952	9412	68.2	3.846	138			65.4	8.1			93
Dew Point	610725	9157	66.4	4.766	138			51.2	2.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97								.1			.0	.2	.1		.0			11	11		
96/ 95							.0		.1	.1	.4	.2	.1					22	22		
94/ 93						.1	.0	.3	.5	.5	.7	.2						59	59		
92/ 91					.0	.2	.3	1.0	.9	.5	.3							82	82		
90/ 89				.0	.0	.3	.9	1.4	1.6	.5	.4	.1						134	134		
88/ 87					.1	1.1	2.0	2.2	1.1	.9	.6							206	206		
86/ 85			.0	.1	.5	2.1	1.7	1.7	1.4	1.0	.2	.1						227	227	1	
84/ 83				.6	1.2	1.9	1.8	1.5	1.2	.4		.1	.0					223	223	6	1
82/ 81			.3	.9	1.8	1.9	1.5	.4	.6	.2								195	195	9	4
80/ 79		.2	.9	1.8	1.7	1.7	.5	.5	.2	.1								194	194	55	6
78/ 77		.3	1.3	2.3	1.3	.7	.3	.2	.1									169	169	154	16
76/ 75	.3	1.2	2.0	1.6	.8	.6	.2	.0	.0									172	172	308	86
74/ 73	.2	2.6	2.1	.9	.4	.4	.0	.0										175	175	466	178
72/ 71	.3	3.5	1.3	.5	.5	.1	.0											162	162	394	327
70/ 69	.9	4.2	1.5	.3	.2	.1												188	188	417	471
68/ 67	1.1	3.2	1.1	.2	.1	.0												149	149	320	421
66/ 65	.1	2.2	.5	.2														79	79	178	329
64/ 63	.4	1.7	.7	.0														74	74	126	241
62/ 61	.1	.6	.3	.1														28	28	73	181
60/ 59	.2	.5	.2															22	22	42	151
58/ 57		.2	.0															6	6	15	82
56/ 55		.2	.1															7	7	12	43
54/ 53																				8	25
52/ 51																					13
50/ 49																					6
48/ 47																					2
46/ 45																					1
TOTAL	3.6	20.7	12.3	9.6	8.7	11.2	9.2	9.2	7.6	4.1	2.6	.8	.2		.0			2584	2584	2584	2584

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	13540578	180888	70.0	18.435	2584							
Dry Bulb	16119602	202896	78.5	8.535	2584			681.8	538.1	363.9	26.5	744
Wet Bulb	12942042	182460	70.6	4.750	2584			613.3	237.6	8.6		744
Dew Point	11621441	172781	66.9	5.143	2584			434.8	83.8	2.3		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79		.9	1.7															3	3		
78/ 77		7.7		.9														10	10	2	1
76/ 75	.9	12.0	1.7	.9														18	18	16	14
74/ 73	2.6	12.0	10.3															29	29	14	15
72/ 71	4.3	17.9	3.4	.9														31	31	32	21
70/ 69	3.4	8.5	2.6	.9														18	18	32	37
68/ 67		2.6	2.6															6	6	8	14
66/ 65		.9	.9															2	2	12	5
64/ 63																				1	8
62/ 61																					2
TOTAL	11.1	62.4	23.1	3.4															117		117
																		117		117	

WET BULB TEMPERATURE DEPRESSION (F)

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.	981254	10694	91.4	5.727	117							
Dry Bulb	619920	8510	72.7	2.854	117			88.5	46.2			90
Wet Bulb	589594	8298	70.9	3.043	117			80.0	24.6			90
Dew Point	577323	8209	70.2	3.424	117			78.5	23.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77				.4	.4													2	2		
76/ 75	2.2	11.3	1.8	.4														43	43	14	14
74/ 73	4.4	16.4	4.4															69	69	44	35
72/ 71	2.6	23.0	2.6															77	77	83	70
70/ 69	4.7	16.8	.4															60	60	82	87
68/ 67	.4	5.1																15	15	33	45
66/ 65		2.2																6	6	11	10
64/ 63		.7																2	2	5	10
62/ 61																				2	2
60/ 59																					1
TOTAL	14.2	75.5	9.1	.7	.4														274		274
																		274		274	

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.	2405545	25639	93.6	4.852	274							
Dry Bulb	1415401	19681	71.8	2.528	274			87.4	37.4			90
Wet Bulb	1363502	19316	70.5	2.564	274			84.1	19.1			90
Dew Point	1343330	19170	70.0	2.793	274			82.4	16.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87						.2												1	1		
86/ 85				.2	.2													2	2		
84/ 83			.8	1.8	1.8	.2												23	23		
82/ 81			2.4	5.1	.8													42	42		
80/ 79		1.6	5.9	4.3	.2													61	61	5	1
78/ 77		3.7	6.3	2.0	.4													63	63	40	14
76/ 75	.4	11.2	6.1	.8	.2													95	95	100	53
74/ 73	1.6	11.8	2.8	.6														85	85	141	130
72/ 71	1.8	14.0	1.6															88	88	106	155
70/ 69	1.0	5.1	.6															34	34	85	96
68/ 67	.4	1.4																9	9	22	42
66/ 65		.6																3	3	7	9
64/ 63		.2																1	1		6
62/ 61																				1	
60/ 59																					1
TOTAL	5.1	49.7	26.4	14.8	3.6	.4													507		507
																		507		507	

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.	3955796	44612	88.0	7.737	507							
Dry Bulb	2899373	38285	75.5	4.066	507			89.3	66.0	17.8		90
Wet Bulb	2690062	36902	72.8	2.864	507			88.6	50.8	.4		90
Dew Point	2510432	36354	71.7	2.704	507			87.2	35.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
94/ 93								.4	.4									4	4		
92/ 91					.2	.6	2.2	1.6	.6									26	26		
90/ 89					.6	3.3	4.3	2.2	.2									54	54		
88/ 87			.2	.2	4.1	8.8	5.5	.4										98	98		
86/ 85				3.5	10.2	8.4	1.0	1.0										123	123		
84/ 83			.2	6.9	7.5	2.0	.2	.4	.2									88	88	2	1
82/ 81		.2	1.8	3.7	3.1	.8	.4	.2										52	52	15	
80/ 79			2.5	2.7	.4	.2	.2											31	31	99	8
78/ 77	.2	1.2	1.0	.4	.4	.2												17	17	180	55
76/ 75	.2	.6	.4	.4		.2												9	9	137	124
74/ 73	.4	.2	.2															4	4	51	162
72/ 71	.6																	3	3	15	105
70/ 69	.2																	1	1	8	33
68/ 67																				3	7
66/ 65																					6
64/ 63																					5
62/ 61																					4
TOTAL	1.6	2.2	6.3	17.8	26.5	24.5	13.7	6.1	1.4										510		510
																		510		510	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2489029	35273	69.2	9.857	510							
Dry Bulb	3683056	43294	84.9	3.920	510			90.0	89.3	81.0	.7	90
Wet Bulb	3006438	39138	76.7	2.404	510			90.0	85.4	8.5		90
Dew Point	2758943	37481	73.5	2.935	510			87.4	61.8	.5		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97									.2	1.0	.2							7	7		
96/ 95								.2	.8	2.1	.6	.2						20	20		
94/ 93							1.4	2.7	4.1	.8								46	46		
92/ 91					.2	1.9	6.0	9.6	4.5	1.0								119	119		
90/ 89				.6	1.0	3.7	9.6	4.3	2.1	.2								110	110		
88/ 87				.4	1.8	5.1	4.3	.8	.2	.4								66	66		
86/ 85	.2			1.6	2.1	3.7	1.4	.6	1.0	.2								55	55	1	1
84/ 83				1.4	1.9	1.8			.2	.2								28	28	6	
82/ 81			.4	1.6	1.0	.4		.2										18	19	38	5
80/ 79	.2	.2	1.2	.8	.2													13	13	126	10
78/ 77		.4	.8	.4														8	8	164	42
76/ 75	.2	1.4	.2															9	9	109	89
74/ 73	.6	1.0	.2															9	9	43	149
72/ 71	.6	.2																4	4	16	119
70/ 69		.2																1	1	6	63
68/ 67																				4	19
66/ 65																					3
64/ 63																					6
62/ 61																					2
60/ 59																					3
58/ 57																					2
TOTAL	1.8	3.3	2.7	6.6	8.2	10.6	22.6	18.3	13.1	5.8	.8	.2							514		513
																		513		513	

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.	2013406	31496	61.4	12.475	513							
Dry Bulb	4011770	45336	88.2	5.040	514			90.0	89.1	83.2	12.8	90
Wet Bulb	3062233	39611	77.2	2.685	513			90.0	85.4	14.7		90
Dew Point	2729789	37381	72.9	3.404	513			87.2	51.9	1.4		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97										.3	.8							4	4		
96/ 95								.5	.5	1.4	1.1	.3						14	14		
94/ 93						.3		2.2	2.7	1.6	.8	.5						30	30		
92/ 91						.8	1.6	6.5	2.4	.5	.8							47	47		
90/ 89					.3	1.6	4.9	2.7	2.2	.3		.5						46	46		
88/ 87					2.2	4.2	3.5	.8	.5	1.1	.3							47	47		
86/ 85				.8	2.2	3.0	1.4		.8	.5								32	32		
84/ 83				1.1	2.7	1.6	.8		.3									24	24	1	
82/ 81		.3	1.6	2.2	2.2													23	23	14	1
80/ 79			2.4	3.2	.8	.3												25	25	44	5
78/ 77	.5	1.6	3.0	1.4	.3													25	25	100	21
76/ 75	.5	4.6	1.9	.3														27	27	91	39
74/ 73	1.1	2.7	.3															15	15	72	104
72/ 71	1.6	1.1																10	10	31	109
70/ 69	.3																	1	1	13	46
68/ 67																				4	16
66/ 65																					8
64/ 63																					7
62/ 61																					8
60/ 59																					2
58/ 57																					2
56/ 55																					2
TOTAL	4.1	10.3	9.2	8.9	10.5	11.9	12.2	12.7	9.5	5.7	3.8	1.4						370	370	370	370

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	1732937	24523	66.3	17.076	370							
Dry Bulb	2702800	31528	85.2	6.641	370			90.0	87.3	68.4	11.7	90
Wet Bulb	2125093	28021	75.7	2.849	370			90.0	78.3	6.6		90
Dew Point	1912595	26565	71.8	3.790	370			82.9	41.4	.2		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93										.7	.4							3	3		
92/ 91								.7	.7									4	4		
90/ 89						.4	.7	1.1			.4							7	7		
88/ 87						.7	2.8	1.4	.7									16	16		
86/ 85				.7	1.8	3.5	1.4	.7	1.1									26	26		
84/ 83				3.2	3.9	2.5		.7	.4									30	30		
82/ 81			1.4	4.6	4.6	1.1	.4											34	34		
80/ 79		.4	2.8	8.5	.7	1.8	.7											42	42	3	
78/ 77		3.2	6.0	3.2	1.4	.4	.4											41	41	34	6
76/ 75	1.1	7.1	5.3	1.1	.4	.4												43	43	71	25
74/ 73		3.9	3.2															20	20	103	56
72/ 71	1.4	3.5																14	14	41	99
70/ 69	.4	.7																3	3	25	55
68/ 67																				6	17
66/ 65																					9
64/ 63																					5
62/ 61																					10
60/ 59																					1
TOTAL	2.8	18.7	18.7	21.2	12.7	10.6	6.4	4.6	2.6	.7	.7							283	283		283
																		283		283	

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.	1671154	21388	75.6	13.932	283							
Dry Bulb	1815405	22623	79.9	4.955	283			90.0	84.6	46.1	1.0	90
Wet Bulb	1542463	20881	73.8	2.505	283			90.0	67.1	.6		90
Dew Point	1432638	20114	71.1	3.289	283			82.0	27.7			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85						.6												1	1		
84/ 83						.6												1	1		
82/ 81			1.3	1.3	1.3													6	6		
80/ 79		1.3	5.1	3.8	1.9													19	19		
78/ 77		5.7	10.8	3.2	.6		.6											33	33	7	1
76/ 75		10.8	7.0	1.3	1.9	.6												34	35	26	13
74/ 73	3.8	11.4	5.1	1.3	.6													35	35	49	40
72/ 71	.6	10.1	1.9	1.9														23	23	42	44
70/ 69		.6	1.9	1.3														6	6	16	31
68/ 67																				10	10
66/ 65																				8	5
64/ 63																					10
62/ 61																					3
60/ 59																					1
TOTAL	4.4	39.9	32.9	13.9	6.3	1.9	.6											158	159	158	158

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 71 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1173844	13546	85.7	8.919	158							
Dry Bulb	905604	11990	75.4	3.032	159			90.0	73.6	7.4		90
Wet Bulb	826354	11418	72.3	2.791	158			85.4	46.7			90
Dew Point	793476	11184	70.8	3.404	158			79.2	30.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUN (MONTH)

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

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
98/ 97									.0	.2	.1							11	11		
96/ 95								.1	.2	.6	.3	.1						34	34		
94/ 93						.0	.3	.9	1.2	.4	.1	.1						83	83		
92/ 91					.1	.6	1.8	3.0	1.4	.3	.1							196	196		
90/ 89				.1	.3	1.6	3.3	1.7	.7	.1	.0	.1						217	217		
88/ 87			.0	.1	1.4	3.3	2.6	.5	.2	.2	.0							228	228		
86/ 85	.0			1.2	2.8	3.1	.8	.4	.4	.1								239	239	1	1
84/ 83			.2	2.3	2.9	1.2	.1	.1	.1	.0								194	194	9	1
82/ 81		.1	1.3	2.8	1.8	.3	.1	.1										175	176	67	6
80/ 79	.0	.5	2.8	3.0	.4	.3	.1											194	194	277	24
78/ 77	.1	2.2	3.1	1.3	.4	.1	.1											199	199	527	140
76/ 75	.6	6.1	2.7	.5	.2	.1												278	279	564	371
74/ 73	1.4	6.0	2.1	.2	.0													266	266	517	691
72/ 71	1.4	6.8	.8	.1														250	250	366	722
70/ 69	.9	3.1	.4	.1														124	124	267	448
68/ 67	.1	.9	.1															30	30	90	170
66/ 65		.4	.0															11	11	38	55
64/ 63		.1																3	3	6	57
62/ 61																				3	31
60/ 59																					9
58/ 57																					4
56/ 55																					2
TOTAL	4.6	26.1	13.6	11.7	10.3	10.6	9.2	6.8	4.3	1.9	.7	.2						2732	2734	2732	2732

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	16422965	207171	75.8	16.157	2732							
Dry Bulb	18053329	221247	80.9	7.386	2734			716.3	609.9	387.9	33.7	720
Wet Bulb	15205739	203585	74.5	3.573	2732			707.6	517.1	43.0		720
Dew Point	14158526	196458	71.9	3.382	2732			678.4	325.2	3.2		720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79			1.3															1	1		
78/ 77	2.6	13.0	1.3															13	13	3	3
76/ 75	2.6	31.2	3.9															29	29	18	16
74/ 73	5.2	24.7																23	23	31	28
72/ 71	1.3	13.0																11	11	23	27
70/ 69																				2	3
TOTAL	11.7	81.8	6.5																77		77
																		77		77	

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.	687177	7269	94.4	3.562	77							
Dry Bulb	429797	5751	74.7	1.866	77			93.0	79.7			93
Wet Bulb	415390	5654	73.4	1.720	77			93.0	62.8			93
Dew Point	411882	5630	73.1	1.754	77			93.0	56.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77		2.8																7	7		
76/ 75		.4	29.8	1.2														79	81	20	19
74/ 73		4.0	30.2	1.2														89	90	109	93
72/ 71		4.8	17.5															56	56	82	89
70/ 69		3.2	4.8	.4														21	21	37	42
68/ 67																				3	8
66/ 65																				1	
64/ 63																					1
TOTAL		12.3	84.9	2.8														252	255	252	252

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2270776	23908	94.9	3.189	252							
Dry Bulb	1379018	18746	73.5	1.913	255			93.0	64.9			93
Wet Bulb	1321046	18240	72.4	1.805	252			92.6	47.6			93
Dew Point	1310269	18165	72.1	1.867	252			92.6	41.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87								.2										1	1		
86/ 85				.6	.2	.2	.2											6	6		
84/ 83			1.4	4.0	1.6													35	36		
82/ 81		.2	8.5	3.0	.8													62	62		
80/ 79		1.8	8.9	2.0		.2												64	64	17	3
78/ 77		9.5	5.9	.4														78	79	88	35
76/ 75	1.4	18.2	2.0	.2														108	109	132	129
74/ 73	1.8	13.9	1.2	.2														85	85	145	159
72/ 71	3.0	5.7	.4															45	45	87	125
70/ 69	.2	1.8																10	10	22	32
68/ 67		.2																1	1	3	10
66/ 65																				1	2
TOTAL	6.5	51.3	28.3	10.5	2.6	.4	.2	.2											498		495
																		495		495	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	3935739	43981	88.9	7.529	495							
Dry Bulb	2956875	38329	77.0	3.713	498			93.0	82.5	25.6		93
Wet Bulb	2742853	36827	74.4	2.464	495			92.8	71.8	.8		93
Dew Point	2672538	36354	73.4	2.299	495			92.6	61.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93						.2	.4		.2	.2								5	5		
92/ 91					.4	1.0	2.4	.6										22	22		
90/ 89					1.0	9.2	4.9	.2										75	75		
88/ 87			.2	1.6	10.2	13.9	2.7		.2									141	141		
86/ 85			1.0	7.6	11.0	3.5	.4											115	116		
84/ 83			1.4	8.6	3.9	.4												70	70	7	
82/ 81		.2	3.5	3.1	.2	.2												35	35	39	5
80/ 79		.4	1.8	.2														12	12	177	29
78/ 77		.4	.6															5	5	201	126
76/ 75		1.6	.2															9	9	47	183
74/ 73	.2																	1	1	17	108
72/ 71																				2	30
70/ 69																					7
68/ 67																					1
66/ 65																					1
TOTAL	.2	2.7	8.8	21.0	26.7	28.4	10.8	.8	.4	.2								490	491	490	490

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	≥ 85 F	Total
Rel Hum.	2497353	34753	70.9	8.154	490							
Dry Bulb	3627769	42233	86.0	3.235	491			93.0	93.0	89.4	.9	93
Wet Bulb	3008140	38382	78.3	1.839	490			93.0	92.6	23.7		93
Dew Point	2791823	36971	75.5	2.180	490			92.8	85.6	3.0		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97								.2		.4	.4							5	5		
96/ 95							.4	1.2	.8	.6								15	15		
94/ 93						1.4	2.8	5.2	3.0									62	62		
92/ 91					.8	5.2	8.8	8.0	1.0	.2								120	120		
90/ 89				.2	2.0	9.8	10.4	3.6	.2									131	131		
88/ 87				.4	2.8	7.4	1.6	.8										65	65		
86/ 85				1.2	4.8	1.2												36	36	1	
84/ 83			.4	1.2	1.0	.2												14	14	19	
82/ 81			.4	1.2	.8													12	12	71	6
80/ 79		.2	1.0	1.2														12	12	188	32
78/ 77		.8	.6	.4														9	9	144	92
76/ 75	.4	1.6	.4	.2														13	13	52	142
74/ 73		.6	.4															5	5	17	132
72/ 71		.4																2	2	8	72
70/ 69																				1	20
68/ 67																					5
TOTAL	.4	3.6	3.2	6.0	12.2	23.1	24.0	19.0	5.0	1.2	.4							501	501	501	501

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	2099431	32015	63.9	10.354	501							
Dry Bulb	3958628	44472	88.8	4.692	501			93.0	92.6	86.5	15.2	93
Wet Bulb	3096928	39372	78.6	2.370	501			93.0	91.3	32.3		93
Dew Point	2806640	37476	74.8	2.587	501			93.0	75.0	3.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97										.3	.3							2	2		
96/ 95							.9	.6	1.9	1.3								15	15		
94/ 93						.5	2.2	5.0	3.5	.6	.3							40	40		
92/ 91						3.8	6.9	4.7	1.6									54	54		
90/ 89				.3		4.4	7.6	2.8										48	48		
88/ 87					2.3	4.4	.3		.3									24	24		
86/ 85				.9	4.4	3.2		.3										28	28		
84/ 83				2.2	4.7		.3											23	23	10	
82/ 81			1.9	1.9	1.3													16	16	28	2
80/ 79		.3	4.1	.9														17	17	89	14
78/ 77		2.2	1.6	.9														15	15	87	39
76/ 75		2.8	1.9															15	15	57	78
74/ 73	.3	2.5	.3															10	10	27	101
72/ 71	1.6	.6																7	7	15	67
70/ 69	.9																	3	3	4	12
68/ 67																					1
66/ 65																					3
TOTAL	2.8	8.5	9.8	7.3	12.9	16.7	18.3	13.6	7.3	2.2	.6								317		317
																		317		317	

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.	1522614	21516	67.9	14.034	317							
Dry Bulb	2385949	27423	86.5	6.571	317			93.0	90.1	76.3	16.7	93
Wet Bulb	1907653	24575	77.5	2.818	317			93.0	87.4	21.4		93
Dew Point	1744551	23503	74.1	2.511	317			92.1	68.6	1.5		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) JUL (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
94/ 93						.4												1	1		
92/ 91							.4	.9										3	3		
90/ 89					1.3	1.3	.9	.4										9	9		
88/ 87				.4	1.8	2.7	.9											13	13		
86/ 85				.4	4.5	3.1												18	18		
84/ 83			1.3	3.1	4.5	.9	.4											23	23	1	
82/ 81			3.6	8.1	1.8	.4												31	31	5	
80/ 79		1.3	8.5	3.1	.9													31	31	15	5
78/ 77	.4	1.8	8.5	.9														26	26	44	21
76/ 75	.4	5.8	3.6															22	22	67	34
74/ 73	.9	11.2	.4															28	28	49	77
72/ 71	1.8	4.9																15	15	35	67
70/ 69	.4																	1	1	5	15
68/ 67	.9																	2	2	2	4
TOTAL	4.9	25.1	26.0	16.1	14.6	9.0	2.7	1.3											223		223
																		223		223	

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.	1509189	18173	81.5	11.273	223							
Dry Bulb	1422707	17773	79.7	5.288	223			93.0	85.5	48.8	.4	93
Wet Bulb	1259009	16745	75.1	2.712	223			93.0	75.5	5.4		93
Dew Point	1200246	16352	73.3	2.322	223			93.0	5.1	1.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83			.8															1	1		
82/ 81			4.9	.8														7	7		
80/ 79		5.7	10.7	2.5														23	23	2	
78/ 77		9.0	14.8	2.5														32	32	15	10
76/ 75		19.7	4.1															29	29	34	24
74/ 73		14.8																18	18	41	45
72/ 71	3.3	6.6																12	12	28	39
70/ 69																				2	4
TOTAL	3.3	55.7	35.2	5.7															122		122
																		122		122	

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.	983305	10933	89.6	5.414	122							
Dry Bulb	715688	9338	76.5	2.799	122			93.0	83.9	15.2		93
Wet Bulb	672267	9053	74.2	2.012	122			93.0	70.1			93
Dew Point	656921	8949	73.4	2.012	122			93.0	60.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70, 72-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97								.0		.1	.1							7	7		
96/ 95							.2	.3	.4	.3								30	30		
94/ 93						.5	.9	1.7	1.1	.1	.0							108	108		
92/ 91					.2	1.7	3.2	2.4	.4	.0								199	199		
90/ 89				.1	.7	4.5	4.1	1.2	.0									263	263		
88/ 87			.0	.4	3.1	5.0	1.0	.2	.1									244	244		
86/ 85			.2	2.0	4.2	1.7	.1	.0										203	204	1	
84/ 83			.8	3.3	2.3	.2	.1											166	167	37	
82/ 81		.1	3.3	2.5	.7	.1												163	164	143	13
80/ 79		.9	4.2	1.2	.1	.0												160	160	488	33
78/ 77	.1	3.7	3.1	.5														185	186	582	326
76/ 75	.5	10.1	1.5	.1														304	307	427	625
74/ 73	1.1	8.8	.5	.0														259	260	436	743
72/ 71	1.7	4.2	.1															148	148	280	516
70/ 69	.5	.8	.0															35	35	73	135
68/ 67	.1	.0																3	3	8	29
66/ 65																				2	6
64/ 63																					1
TOTAL	4.0	28.8	13.8	10.1	11.3	13.7	9.6	5.9	2.0	.6	.2							2477	2484	2477	2477

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.	15505584	192548	77.7	14.740	2477							
Dry Bulb	16886431	204065	82.2	7.013	2484			744.0	688.3	440.9	43.4	744
Wet Bulb	14423286	188848	76.2	3.203	2477			743.4	635.0	116.8		744
Dew Point	13594870	183400	74.0	2.520	2477			741.9	537.7	12.6		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79			.8															1	1		
78/ 77		7.6	5.1															15	15	1	
76/ 75	1.7	44.9	1.7															57	57	24	16
74/ 73	5.1	22.0																32	32	67	66
72/ 71	2.5	6.8																11	11	24	29
70/ 69	.8	.8																2	2	2	6
68/ 67																					1
TOTAL	10.2	82.2	7.6																118		118
																		118		118	

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.	1043924	11090	94.0	3.758	118							
Dry Bulb	660508	8826	74.8	1.737	118			93.0	82.8	.8		93
Wet Bulb	637838	8674	73.5	1.388	118			93.0	72.5			93
Dew Point	630548	8624	73.1	1.505	118			93.0	64.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79			.3															1	1		
78/ 77		1.1	.3															5	5		
76/ 75	1.1	33.7	.9															125	125	25	25
74/ 73	9.1	35.7																157	157	198	184
72/ 71	4.0	10.6																51	51	106	113
70/ 69	.6	2.3																10	10	15	22
68/ 67		.3																1	1	5	5
66/ 65																					1
TOTAL	14.9	83.7	1.4																350		350
																		350		350	

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.	3199427	33449	95.6	2.809	350							
Dry Bulb	1909506	25846	73.8	1.597	350			93.0	76.5			93
Wet Bulb	1858316	25498	72.9	1.466	350			93.0	59.5			93
Dew Point	1848226	25428	72.7	1.556	350			92.7	55.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85				.2														1	1		
84/ 83			1.3	1.5	.4													17	17		
82/ 81		.5	8.5	4.0														72	72		
80/ 79		2.7	9.1	1.1														71	71	17	2
78/ 77	.2	10.7	5.3	.2														90	90	94	54
76/ 75	1.5	21.0	1.1															133	133	148	134
74/ 73	4.5	17.1	.4															121	121	193	226
72/ 71	2.4	4.7																39	39	83	113
70/ 69	.2	.9																6	6	13	17
68/ 67		.2																1	1	3	3
66/ 65																					2
TOTAL	8.7	58.4	25.6	6.9	.4													551	551	551	551

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	4575726	50096	90.9	6.191	551							
Dry Bulb	3236271	42189	76.6	3.287	551			93.0	85.2	22.1		93
Wet Bulb	3060541	41047	74.5	2.226	551			93.0	76.3	.3		93
Dew Point	3003131	40663	73.8	2.027	551			92.7	70.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
94/ 93						.2		.2										2	2		
92/ 91					.5	.9	1.5											16	16		
90/ 89					1.0	7.5	5.6	.7										85	85		
88/ 87			.2	.9	7.3	11.5	4.2	.2										133	133		
86/ 85			.2	9.5	14.8	4.6												159	159		
84/ 83			3.3	9.1	4.4	.7		.2										97	97	6	
82/ 81		.2	2.6	2.6	.4													31	31	35	7
80/ 79		.4	2.4	.5	.2													19	19	207	23
78/ 77		.7																4	4	234	149
76/ 75	.2	.2																2	2	61	189
74/ 73		.2																1	1	4	143
72/ 71																				1	31
70/ 69																				1	5
68/ 67																					1
64/ 63																					1
TOTAL	.2	1.6	8.6	22.6	29.1	25.3	11.3	1.3										549	549		549
																		549		549	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel Hum.	2807185	39021	71.1	7.843	549
Dry Bulb	4055314	47158	85.9	2.877	549
Wet Bulb	3365446	42974	78.3	1.696	549
Dew Point	3125124	41404	75.4	2.159	549

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			93.0	93.0	91.1	.3	93
Wet Bulb			93.0	92.7	20.8		93
Dew Point			92.8	86.6	1.9		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97										.2								1	1		
96/ 95						.4		.6	.9	.2								11	11		
94/ 93						1.5	3.0	3.2	2.4	.4								56	56		
92/ 91					.2	2.8	10.4	7.1	3.2	.9								132	132		
90/ 89		.2		.4	1.3	5.8	12.1	5.4	.9	.2	.2							142	142		
88/ 87			.2	.2	2.4	6.7	3.0	.6		.2								71	71	1	
86/ 85		.2	.2	1.9	3.3	.9	.2											36	36	4	1
84/ 83			.7	2.0	1.1													21	21	21	3
82/ 81		.4	.9	1.1														13	13	52	6
80/ 79		.7	1.3	.9	.2													17	17	175	29
78/ 77	.4	1.3	1.1	.2														16	16	185	86
76/ 75	.4	1.7																11	11	60	130
74/ 73	.4	1.1	.2															9	9	32	165
72/ 71	.4																	2	2	7	76
70/ 69																				1	25
68/ 67																					14
64/ 63																					2
62/ 61																					1
TOTAL	1.5	5.6	4.6	6.7	8.6	18.0	28.6	16.7	7.4	2.0	.2								538		538
																		538		538	

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.	2305220	34594	64.3	12.265	538							
Dry Bulb	4210570	47524	88.3	4.836	538			93.0	92.7	85.6	11.8	93
Wet Bulb	3300271	42117	78.3	2.429	538			93.0	91.6	26.1		93
Dew Point	2986456	40052	74.4	2.971	538			92.5	72.6	4.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
96/ 95						.3		.9	.6	.6	.6							10	10		
94/ 93						.6	1.5	3.1	4.3	1.8								37	37		
92/ 91					.3	.9	3.1	5.2	1.5	1.2								40	40		
90/ 89			.3		.3	6.1	7.3	2.4	.9	.3								58	58		
88/ 87			.3		2.4	5.5	2.8											36	36		
86/ 85			.3	.9	4.0	2.4	.6	.3										28	28	2	1
84/ 83			.9	4.0	3.7	.3												29	29	4	1
82/ 81		1.2	2.4	1.8	.9	.3												22	22	21	4
80/ 79		1.5	4.6	1.2														24	24	80	8
78/ 77		1.8	1.5	.3														12	12	115	44
76/ 75		4.0	.6	.3														16	16	59	81
74/ 73	1.2	2.4																12	12	34	99
72/ 71	.6																	2	2	11	59
70/ 69		.3																1	1	1	14
68/ 67																					14
66/ 65																					2
TOTAL	1.8	11.3	11.0	8.6	11.6	16.5	15.3	11.9	7.3	4.0	.6								327		327
																		327		327	

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.	1607068	22402	68.5	14.898	327							
Dry Bulb	2437042	28162	86.1	5.982	327			93.0	92.1	76.8	13.4	93
Wet Bulb	1958759	25295	77.4	2.520	327			93.0	89.6	15.6		93
Dew Point	1792937	24195	74.0	2.893	327			92.4	67.7	2.6		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91										.5								1	1		
90/ 89						.5	1.1	.5										4	4		
88/ 87					1.1	2.2	1.1	1.1										10	10		
86/ 85				1.6	3.3	3.3												15	15		
84/ 83			1.1	4.4	3.3	1.1												18	18		
82/ 81		.5	6.0	9.8														30	30	1	
80/ 79		2.2	10.9	7.7	.5													39	39	13	1
78/ 77	1.6	6.6	6.0	.5														27	27	46	19
76/ 75		5.5	4.4															18	18	68	44
74/ 73	2.7	4.9																14	14	40	68
72/ 71	2.2	1.1																6	6	13	42
70/ 69		.5																1	1	2	8
68/ 67																					1
TOTAL	6.6	21.3	28.4	24.0	8.2	7.1	2.2	1.6		.5									183		183
																		183		183	

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.	1249722	14986	81.9	11.121	183							
Dry Bulb	1174344	14638	80.0	4.363	183			93.0	89.4	52.9		93
Wet Bulb	1045261	13825	75.5	2.137	183			93.0	85.4	2.0		93
Dew Point	996861	13501	73.8	2.112	183			93.0	67.1	.5		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-74,76-78 (YEARS) AUG (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83					.7													1	1		
82/ 81			1.3	3.3														7	7		
80/ 79		7.2	9.2															25	25		
78/ 77	.7	20.3	18.3	1.3														62	62	15	5
76/ 75	.7	15.7	3.9															31	31	63	42
74/ 73	3.9	8.5	1.3															21	21	57	71
72/ 71	2.0	2.0																6	6	16	29
70/ 69																				2	6
TOTAL	7.2	53.6	34.0	4.6	.7													153	153	153	153

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.	1232358	13704	89.6	5.683	153							
Dry Bulb	904593	11759	76.9	2.352	153			93.0	89.4	10.3		93
Wet Bulb	850134	11402	74.5	1.671	153			93.0	82.1			93
Dew Point	820018	11266	73.6	1.735	153			93.0	71.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) AUG (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97										.0								1	1		
96/ 95						.1		.2	.3	.1	.1							21	21		
94/ 93						.4	.8	1.0	1.0	.3								95	95		
92/ 91					.2	.8	2.7	2.0	.8	.4								189	189		
90/ 89		.0	.0	.1	.6	3.4	4.4	1.5	.3	.1	.0							289	289		
88/ 87			.1	.2	2.3	4.4	1.8	.2		.0								250	250	1	
86/ 85		.0	.1	2.5	4.3	1.6	.1	.0										239	239	6	2
84/ 83			1.2	3.3	1.8	.3		.0										183	183	31	4
82/ 81		.4	3.1	2.6	.2	.0												175	175	109	17
80/ 79		1.5	4.4	1.2	.1													197	197	492	63
78/ 77	.3	4.8	3.1	.2														231	231	690	357
76/ 75	.7	12.5	1.0	.0														393	393	509	661
74/ 73	2.9	10.2	.2															367	367	625	1022
72/ 71	1.5	2.7																117	117	261	492
70/ 69	.1	.6																20	20	37	103
68/ 67		.1																2	2	8	39
66/ 65																					5
64/ 63																					3
62/ 61																					1
TOTAL	5.4	32.8	13.3	10.0	9.5	10.9	9.8	5.0	2.3	.9	.1								2769		2769
																		2769		2769	

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.	18020630	219342	79.2	15.274	2769							
Dry Bulb	18588148	226102	81.7	6.743	2769			744.0	706.7	418.1	31.4	744
Wet Bulb	16076566	210832	76.1	2.932	2769			744.0	661.8	90.0		744
Dew Point	15213301	205133	74.1	2.452	2769			741.6	571.2	12.1		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-75,78 (YEARS) SEP (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
80/ 79		1.1																1	1		
78/ 77		13.5	4.5															16	16	1	
76/ 75	6.7	47.2	4.5															52	52	24	23
74/ 73	4.5	13.5																16	16	55	43
72/ 71	1.1	1.1																2	2	7	20
70/ 69		2.2																2	2	2	3
TOTAL	12.4	78.7	9.0																89		89
																		89		89	

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	781420	8332	93.6	3.982	89							
Dry Bulb	505371	6705	75.3	1.637	89			90.0	86.0			90
Wet Bulb	486640	6580	73.9	1.363	89			90.0	80.9			90
Dew Point	480919	6541	73.5	1.478	89			90.0	66.7			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
82/ 81					.5													1	1		
78/ 77		1.9																4	4		
76/ 75	2.4	21.2																50	50	15	14
74/ 73	9.4	33.0																90	90	96	85
72/ 71	5.7	15.1																44	44	67	74
70/ 69	2.4	8.0																22	22	29	32
68/ 67	.5																	1	1	5	7
TOTAL	20.3	79.2			.5														212		212
																		212		212	

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.	194111	20311	95.8	3.217	212							
Dry Bulb	1137550	15524	73.2	1.927	212			90.0	61.6	.4		90
Wet Bulb	1108922	15328	72.3	1.793	212			90.0	47.1			90
Dew Point	1102451	15283	72.1	1.828	212			90.0	42.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 STATION — AVON PARK RANGE FLORIDA STATION NAME — 69-70,73-78 YEARS — SEP MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83			.6	.6	.4													8	8		
82/ 81		.2	3.6	1.4	.4													28	28		
80/ 79		2.4	7.3	1.0														53	53	6	1
78/ 77	.2	10.5	4.6	.2														77	77	49	24
76/ 75	2.2	17.8	1.8	.2														109	109	124	111
74/ 73	6.9	18.4	1.2															131	131	164	166
72/ 71	3.6	9.3	.6															67	67	106	129
70/ 69	1.6	2.0																18	18	37	48
68/ 67	.2	.6																4	4	9	16
TOTAL	14.7	61.2	19.8	3.4	.8														495		495
																		495		495	

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.	4240357	45719	92.4	5.982	495							
Dry Bulb	2818212	37316	75.4	3.217	495			90.0	73.8	12.2		90
Wet Bulb	2689186	36466	73.7	2.374	495			90.0	62.4	.2		90
Dew Point	2647075	36181	73.1	2.249	495			90.0	54.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91						.4	.4											4	4		
90/ 89					.6	5.1	2.3	.4										41	41		
88/ 87			.2	.8	5.7	7.2	2.9	.2										83	83		
86/ 85				5.5	12.3	8.2												127	127		
84/ 83			3.7	12.3	7.2	.6												116	116	2	1
82/ 81		.2	5.3	6.4	1.0													63	63	12	
80/ 79		.8	3.5	1.4	.6													31	31	145	12
78/ 77		.8	1.0	1.0														14	14	200	121
76/ 75		1.0		.2														6	6	101	152
74/ 73		.6																3	3	18	136
72/ 71																				9	53
70/ 69																				1	11
68/ 67																					2
TOTAL		3.5	13.7	27.7	27.5	21.5	5.5	.6										488	488		488

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	≥ 95 F	Total
Rel. Hum.	2660397	35813	73.4	8.129	488							
Dry Bulb	3482891	41197	84.4	3.216	488			90.0	90.0	83.2		90
Wet Bulb	2935751	37839	77.5	1.898	488			90.0	88.2	12.4		90
Dew Point	2743136	36572	74.9	2.189	488			90.0	77.8	1.1		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
96/ 95								.2	.2									2	2		
94/ 93							1.6	3.2	.8	.6								31	31		
92/ 91				.2		.6	9.8	4.0	1.6	.4								93	93		
90/ 89				.2	.8	7.0	11.2	6.0	1.0									134	134		
88/ 87				.8	3.6	9.6	5.4	1.8										106	106	1	
86/ 85			.2	2.4	4.8	4.4		.2										60	60		1
84/ 83				2.0	1.6	1.6												26	26	4	
82/ 81			1.4	2.0	1.0													22	22	40	1
80/ 79	.4	.4	.8	.8	.2													13	13	181	14
78/ 77	.4	.6	.2															6	6	164	73
76/ 75	.2	.2																2	2	84	163
74/ 73	.2	.6																4	4	24	118
72/ 71	.2	.2																2	2	2	91
70/ 69																				1	28
68/ 67																					11
66/ 65																					1
TOTAL	1.4	2.0	2.6	8.4	12.0	25.7	27.9	15.4	3.6	1.0								501	501	501	501

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.	2118930	32184	64.2	10.143	501							
Dry Bulb	3883121	44065	88.0	3.853	501			90.0	89.6	86.2	5.9	90
Wet Bulb	3052509	39093	78.0	2.042	501			90.0	89.5	21.9		90
Dew Point	2762723	37181	74.2	2.603	501			89.8	66.5	1.1		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95								.3	.3									2	2		
94/ 93						.3	1.8	3.5	.6									21	21		
92/ 91						.6	4.1	4.4	.6	.3								34	34		
90/ 89					1.2	5.3	5.3	2.7	1.8	.3								56	56		
88/ 87				.6	3.8	10.6	2.7	1.5										65	65		
86/ 85				.9	7.4	4.7												44	44		
84/ 83			1.2	5.6	5.6	.6												44	44	2	
82/ 81		1.2	1.5	2.9	1.5	.3												25	25	20	1
80/ 79	.3	.9	2.4	2.1	.9													22	22	85	11
78/ 77		2.7	1.2															13	13	126	35
76/ 75		2.7	.3															10	10	69	106
74/ 73	.6																	2	2	31	108
72/ 71	.3																	1	1	6	50
70/ 69																					16
68/ 67																					10
66/ 65																					1
64/ 63																					1
TOTAL	1.2	7.4	6.5	12.1	20.4	22.4	13.9	12.4	3.2	.6									339		339
																		339		339	

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	1630006	23162	68.3	11.851	339							
Dry Bulb	2514326	29152	86.0	4.687	339			90.0	89.7	79.9	6.1	90
Wet Bulb	2032825	26241	77.4	2.166	339			90.0	88.4	14.3		90
Dew Point	1861278	25104	74.1	2.580	339			89.5	69.3	1.0		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
90/ 89					.4	.4												2	2		
88/ 87				.4	1.2	1.6	.8	.4										11	11		
86/ 85				.8	1.6	2.8	.4											14	14		
84/ 83			.4	7.5	4.7	1.2	.4											36	36		
82/ 81		.4	5.1	9.1	2.0	.4												43	43	2	
80/ 79		2.0	14.2	7.9	.4													62	62	12	3
78/ 77		4.7	9.5	2.0	.4													42	42	55	16
76/ 75	.8	6.7	1.6	.8	.4													26	26	104	63
74/ 73	1.2	4.0		.4														14	14	60	102
72/ 71	.4	.8																3	3	15	52
70/ 69																				4	11
68/ 67																				1	4
66/ 65																					2
TOTAL	2.4	18.6	30.8	28.9	11.1	6.3	1.6	.4										253	253	253	253

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.	1681990	20498	81.0	9.182	253							
Dry Bulb	1622995	20243	80.0	3.627	253			90.0	88.9	49.8		90
Wet Bulb	1439247	19075	75.4	2.073	253			90.0	82.9	2.5		90
Dew Point	1371161	18617	73.6	2.209	253			89.3	65.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81			2.2	.7														4	4		
80/ 79		5.0	7.9	.7														19	19		
78/ 77		23.0	18.0	2.2														60	60	12	2
76/ 75	3.6	18.0	6.5															39	39	55	39
74/ 73		7.9	.7															12	12	54	52
72/ 71		7.2	.7															5	5	14	34
70/ 69																				4	11
68/ 67																					1
TOTAL	4.3	56.1	36.0	3.6															139		139
																		139		139	

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.	1112317	12415	89.3	5.002	139							
Dry Bulb	818211	10661	76.7	1.970	139			90.0	86.8	5.2		90
Wet Bulb	768694	10334	74.3	1.722	139			90.0	78.3			90
Dew Point	749447	10203	73.4	1.936	139			90.0	60.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) SEP (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
96/ 95								.1	.1									4	4		
94/ 93						.0	.6	1.1	.2	.1								52	52		
92/ 91				.0		.7	2.6	1.4	.4	.1								131	131		
90/ 89				.0	.5	3.3	3.4	1.6	.4	.0								233	233		
88/ 87			.0	.4	2.5	4.9	2.1	.6										265	265	1	
86/ 85			.0	1.7	4.5	3.4	.0	.0										245	245		1
84/ 83			1.0	4.4	3.0	.6	.0											230	230	8	1
82/ 81		.3	2.9	3.3	.9	.1												186	186	74	2
80/ 79	.1	1.4	4.5	1.7	.3													201	201	429	41
78/ 77	.1	5.1	3.4	.6	.0													232	232	607	271
76/ 75	1.2	9.2	1.1	.2	.0													294	294	576	671
74/ 73	2.5	7.9	.3	.0														272	272	502	810
72/ 71	1.4	3.4	.2															124	124	226	503
70/ 69	.5	1.2																42	42	78	160
68/ 67	.1	.1																	5	15	51
66/ 65																					4
64/ 63																					1
TOTAL	6.0	28.5	13.4	12.4	11.8	13.0	8.7	4.9	1.2	.3								2516	2516		2516
																		2516		2516	

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.	16173528	198434	78.9	14.424	2516							
Dry Bulb	16782677	204863	81.4	6.365	2516			720.0	671.1	414.4	16.0	720
Wet Bulb	14513774	190956	75.9	2.879	2516			720.0	628.7	71.8		720
Dew Point	13718190	185682	73.8	2.423	2516			718.6	514.2	5.2		720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69.75 (YEARS) OCT (MONTH)

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

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
		WET BULB TEMPERATURE DEPRESSION (F)																			
74/ 73		15.8																3	3	2	1
72/ 71		5.3	10.5															3	3	2	2
70/ 69		26.3																5	5	3	2
68/ 67		15.8	5.3															4	4	4	4
66/ 65		21.1																4	4	5	4
64/ 63																				3	6
TOTAL		84.2	15.8																19		19
																		19		19	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	158407	1733	91.2	4.341	19							
Dry Bulb	91574	1318	69.4	2.852	19			73.4	14.7			93
Wet Bulb	87337	1287	67.7	2.978	19			53.8	9.8			93
Dew Point	84933	1269	66.8	3.137	19			44.1	4.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
78/ 77		.6																1	1		
76/ 75	.6	1.9																4	4	3	3
74/ 73	1.9	11.2																21	21	13	11
72/ 71	5.0	10.6	1.9															28	28	25	25
70/ 69	.6	8.7	.6															16	16	17	16
68/ 67	3.1	13.7	1.2	.6														30	30	26	22
66/ 65	2.5	7.5	3.1	.6														22	22	21	23
64/ 63	4.3	2.5	2.5															15	15	20	19
62/ 61		1.9																3	3	12	5
60/ 59	.6	2.0	.6	.6														11	11	8	13
58/ 57		3.1																5	5	7	13
56/ 55		.6																1	1	4	4
54/ 53																				1	2
52/ 51	.6		.6															2	2	1	1
50/ 49																					1
48/ 47																				1	
46/ 45	1.2																	2	2	2	2
44/ 43																					1
TOTAL	20.5	67.1	10.6	1.9															161		161
																		161		161	

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.	1414235	15061	93.5	5.772	161							
Dry Bulb	734227	10837	67.3	5.467	161			57.8	15.0			93
Wet Bulb	707064	10630	66.0	5.712	161			48.5	9.2			93
Dew Point	695752	10538	65.5	6.126	161			44.5	8.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81				.2														1	1		
80/ 79		.8	.6	.4														9	9	2	2
78/ 77		1.8	1.0		.2													15	15	2	
76/ 75		4.9	2.9	.8														42	42	19	18
74/ 73	1.0	8.8	2.5	.6														63	63	53	37
72/ 71	2.5	11.1	2.9	.8	.4													86	86	61	60
70/ 69	1.6	8.6	2.1	.4														62	62	88	74
68/ 67	2.3	7.4	2.3	.4														60	60	66	77
66/ 65	1.6	7.0	2.3	.6														56	56	62	52
64/ 63	1.0	3.5	1.0	.2	.2													29	29	36	45
62/ 61	.8	2.5	.8	.2														21	21	33	36
60/ 59	.6	2.1	.6															16	16	23	31
58/ 57	.4	1.2		.2														9	9	15	19
56/ 55	.2	1.2	.2	.4														10	10	12	10
54/ 53																				4	11
52/ 51	.2	.6	.2															5	5	3	5
50/ 49			.2															1	1	4	2
48/ 47		.2																1	1	1	3
46/ 45	.2																	1	1	3	3
44/ 43																					2
TOTAL	12.5	61.8	19.5	5.3	.8														487		487
																		487		487	

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.	4033508	44188	90.7	7.043	487							
Dry Bulb	2320692	33502	68.8	5.738	487			64.5	24.8	.8		93
Wet Bulb	2198046	32598	66.9	5.748	487			55.6	14.5			93
Dew Point	2139248	32140	66.0	6.109	487			51.2	10.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
90/ 89						.4	.2	.2										4	4		
88/ 87					.2	.8	.6											8	8		
86/ 85				1.0	1.0	2.9	.6	.2										32	32		
84/ 83			.6	3.1	4.7	2.5	1.6	.4										66	66		
82/ 81			1.8	5.3	3.3	3.1	1.2	.4										77	77		
80/ 79		.4	3.9	3.9	4.7	3.7	.6	.2										84	84	18	
78/ 77		1.2	3.5	2.5	4.9	2.9	1.2											83	83	50	14
76/ 75		1.8	1.2	2.9	2.7	1.0	.2	.2										51	51	87	48
74/ 73		.8	3.5	1.0	1.0	1.8												41	41	95	68
72/ 71		1.0	1.0	1.6	.6	.2	.4	.2										25	25	70	75
70/ 69			.6	1.4	.6		.4											15	15	71	74
68/ 67			.2	.8	.4	.4												9	9	45	59
66/ 65			.2	.2	.4		.2											5	5	26	43
64/ 63			.4		.6	.2												6	6	16	42
62/ 61				.2		.4												3	3	9	35
60/ 59				.2														1	1	9	16
58/ 57																				7	10
56/ 55																				2	4
54/ 53																				4	6
52/ 51																				1	6
50/ 49																					6
46/ 45																					2
44/ 43																					2
TOTAL		5.1	16.9	24.1	24.7	20.4	7.1	1.8											510		510
																		510		510	

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.	2643828	36342	71.3	10.313	510							
Dry Bulb	3139504	39928	78.3	5.136	510			90.3	81.3	43.4		93
Wet Bulb	2613606	36418	71.4	5.068	510			79.5	45.6	.4		93
Dew Point	2380830	34702	68.0	6.205	510			61.6	23.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91							.6	.6										6	6		
90/ 89					.6	2.3	3.3	1.8	.4									43	43		
88/ 87					1.0	3.7	4.3	1.6	1.2									60	60		
86/ 85				1.4	2.1	4.7	4.1	4.3	1.0									90	90		
84/ 83			.2	.8	3.9	2.7	4.5	3.5	.4	.2								83	83		
82/ 81			.6	2.5	1.8	3.5	3.9	2.1	.2									75	75	6	
80/ 79			.8	1.2	1.0	5.8	1.6	1.2										59	59	34	1
78/ 77			.2	1.9	1.6	1.6	.8	.2	.2									33	33	67	18
76/ 75		.2	1.4	.2	1.0	1.6	.4											24	24	88	35
74/ 73	.2	.4	.8	.2	.8		1.0	.4										19	19	80	68
72/ 71	.4	.2	.2		.4	.2	.6	.4										12	12	85	69
70/ 69	.4					.2	.4	.4										7	7	77	66
68/ 67					.2	.2												2	2	35	64
66/ 65																				17	62
64/ 63																				5	55
62/ 61																				7	32
60/ 59																				10	14
58/ 57																				2	6
56/ 55																					4
54/ 53																					7
52/ 51																					6
50/ 49																					4
48/ 47																					1
46/ 45																					1
TOTAL	1.0	.8	4.1	8.2	14.2	26.5	25.3	16.4	3.3	.2									513		513
																		513		513	

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.	2030641	31823	62.0	10.510	513							
Dry Bulb	3502219	42315	82.5	4.811	513			93.0	89.2	71.2		93
Wet Bulb	2716044	37256	72.6	4.501	513			85.6	49.9	2.9		93
Dew Point	2385603	34837	67.9	5.790	513			53.2	22.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK, RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91							.5	.7										5	5		
90/ 89						.2	2.3	1.2	.5									18	18		
88/ 87					.5	2.1	1.9	3.0	.7									35	35		
86/ 85				.7	2.3	4.2	2.6	2.3	.9		.2							57	57		
84/ 83				1.4	3.5	4.0	3.3	2.1	.7	.2								65	65		
82/ 81			1.2	1.2	3.0	3.7	3.3	.7	.7									59	59		
80/ 79		.2	1.2	2.1	.9	8.2	.9	.5										60	60	12	
78/ 77		1.4	.7	2.3	4.8	2.8	.7	.2		.2								48	48	48	6
76/ 75		1.2	1.4	.5	1.6	1.4	.5		.2									29	29	70	30
74/ 73		.9	.7	.9	1.6	.2	.5	.5		.2								24	24	80	50
72/ 71	.5	1.9	.2		.5	.2	.5	.9										20	20	63	53
70/ 69		.5			.2		.9	.2										8	8	81	63
68/ 67				.2														1	1	31	54
66/ 65																				17	59
64/ 63																				7	46
62/ 61																				4	26
60/ 59																				12	13
58/ 57																				3	6
56/ 55																				1	5
54/ 53																					1
52/ 51																					7
50/ 49																					5
48/ 47																					3
46/ 45																					1
40/ 39																					1
TOTAL	.5	6.1	5.4	9.3	17.0	27.0	17.7	12.4	3.7	.7	.2							429	429	429	429

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.	1841775	27587	64.3	12.585	429							
Dry Bulb	2820378	34718	80.9	5.007	429			93.0	86.7	56.1		93
Wet Bulb	2220561	30805	71.8	4.472	429			83.5	45.5	.9		93
Dew Point	1961306	28892	67.3	6.019	429			55.5	18.6			93

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

CLIMATOLOGY BRANCH
AC
ATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85								.4										1	1		
84/ 83					.7	.7												4	4		
82/ 81			.4	.7	.4	.4												5	5		
80/ 79			2.2	3.4	3.4	1.9												29	29		
78/ 77		2.2	3.0	4.5	1.9	.4												32	32	2	
76/ 75	.4	3.7	5.6	6.0	1.9	.4												40	48	20	10
74/ 73		3.7	7.1	3.7	1.9													44	44	39	19
72/ 71		5.6	4.1	3.7	.7													38	38	59	35
70/ 69	.4	1.5	3.	4.1	.4													25	25	48	58
68/ 67		.4	3.	1.1	.4													14	14	21	32
66/ 65		1.1	1.5	1.5	.4	.4												13	13	29	32
64/ 63		.4	2.2	.4	.4													9	9	24	18
62/ 61				1.1														3	3	11	32
60/ 59				.4														1	2	7	12
58/ 57			.4															1	1		10
56/ 55		.4																1	1	5	1
54/ 53																				3	1
52/ 51																					5
50/ 49																					3
TOTAL	.7	19.0	32.8	30.6	12.3	4.1		.4										268	269	268	268

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.	1532386	21402	79.9	9.334	268							
Dry Bulb	1451637	19715	73.3	5.009	269			83.0	56.4	9.7		93
Wet Bulb	1279049	18471	68.9	4.739	268			65.6	21.2			93
Dew Point	1198769	17865	66.7	5.426	268			53.4	10.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69,74-78 (YEARS) OCT (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77		1.3	2.6															3	3		
76/ 75	1.3	6.4	2.6															8	8	2	1
74/ 73		7.7	6.4	2.6														13	13	7	8
72/ 71		15.4	7.7															18	18	13	4
70/ 69		9.0	1.3															8	8	18	19
68/ 67		3.8	7.7															9	9	10	11
66/ 65	1.3	3.8	2.6	1.3														7	7	8	11
64/ 63		7.7	3.8															9	9	8	5
62/ 61		1.3	1.3															2	2	6	9
60/ 59				1.3														1	1	5	5
58/ 57																					3
56/ 55																					1
54/ 53																				1	
50/ 49																					1
TOTAL	2.0	56.4	35.9	5.1														78	78	78	78

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	614285	6905	88.5	6.258	78
Dry Bulb	382474	5452	69.9	4.254	78
Wet Bulb	358059	5273	67.6	4.545	78
Dew Point	345994	5180	66.4	5.082	78

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			70.3	28.6			93
Wet Bulb			59.6	10.7			93
Dew Point			51.3	10.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91							.2	.2										11	11		
90/ 89					.1	.6	1.1	.6	.2									65	65		
88/ 87					.3	1.3	1.3	.9	.4									103	103		
86/ 85				.6	1.2	2.3	1.4	1.4	.4		.0							180	180		
84/ 83			.2	1.1	2.5	1.9	1.8	1.2	.2	.1								218	218		
82/ 81			.7	1.9	1.6	2.1	1.6	.6	.2									217	217	6	
80/ 79		.3	1.5	1.9	1.5	3.6	.6	.4										241	241	66	3
78/ 77		1.2	1.5	1.8	2.1	1.5	.5	.1	.0	.0								215	215	169	38
76/ 75	.1	2.3	2.0	1.5	1.3	.8	.2	.0	.0									206	206	289	145
74/ 73	.4	3.7	2.5	1.0	.9	.4	.3	.2		.0								228	228	369	262
72/ 71	1.0	4.6	1.7	.9	.4	.1	.3	.3										230	230	378	323
70/ 69	.5	3.0	.9	.8	.2	.0	.3	.1										146	146	403	372
68/ 67	.6	2.6	1.2	.4	.2	.1												129	129	238	323
66/ 65	.5	2.3	.9	.4	.1	.0	.0											107	107	185	286
64/ 63	.5	1.1	.8	.1	.2	.0												68	68	119	236
62/ 61	.2	.6	.2	.2		.1												32	32	82	175
60/ 59	.2	.7	.2	.2														30	31	74	104
58/ 57	.1	.4	.0	.0														15	15	34	67
56/ 55	.0	.3	.0	.1														12	12	24	29
54/ 53																				13	28
52/ 51	.1	.1	.1															7	7	5	30
50/ 49			.0															1	1	4	22
48/ 47		.0																1	1	2	7
46/ 45	.1																	3	3	5	9
44/ 43																					5
40/ 39																					1
TOTAL	4.3	23.4	14.6	13.0	16.5	14.9	9.8	6.0	1.3	.2	.0							2465	2466	2465	2465

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	14469065	185041	75.1	15.323	2465							
Dry Bulb	14442705	187785	76.1	7.615	2466			660.4	508.1	278.2		744
Wet Bulb	12179766	172738	70.1	5.515	2465			578.9	271.3	6.6		744
Dew Point	11192415	165443	67.1	5.990	2465			442.5	135.2			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69 (YEARS) NOV (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67		10.0																1	1		
66/ 65																				1	
64/ 63		40.0	10.0															5	5	1	
62/ 61		10.0																1	1	4	4
60/ 59																				1	2
56/ 55			10.0															1	1		
54/ 53																				1	
52/ 51		20.0																2	2	2	1
50/ 49																					2
TOTAL		80.0	20.0																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.	80034	894	89.4	3.502	10							
Dry Bulb	37230	608	60.8	5.412	10			9.0				90
Wet Bulb	35058	590	59.0	5.249	10							90
Dew Point	33666	578	57.8	5.350	10							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71		3.2																	2	2		
70/ 69	1.6	6.3																	5	5	6	4
68/ 67	14.3	7.9																	14	14	13	15
66/ 65	9.5	7.9																	11	11	8	8
64/ 63	4.8	14.3																	12	12	15	11
62/ 61		3.2																	2	2	4	8
60/ 59	3.2	3.2	3.2																6	6	4	3
58/ 57		1.6																	1	1	1	1
56/ 55	1.6																		1	1	3	2
54/ 53		3.2																	2	2		2
52/ 51		4.8																	3	3	2	1
50/ 49					1.6														1	1	3	3
48/ 47																						1
44/ 43																					1	
42/ 41	1.6																		1	1	1	1
40/ 39		1.6																	1	1		
38/ 37	1.6																		1	1	2	1
36/ 35																						1
34/ 33																						1
TOTAL	38.1	57.1	3.2		1.6															63		63
																			63		63	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	572061	5987	95.0	7.078	63							
Dry Bulb	249985	3943	62.6	7.188	63			30.0				90
Wet Bulb	243498	3888	61.7	7.570	63			27.1				90
Dew Point	239865	3853	61.2	8.251	63			27.1				90

USAFETAC FORM JUL 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79					.2													1	1		
76/ 75		.2																1	1		
74/ 73		1.8																8	8	1	
72/ 71	.5	4.3	1.1															26	26	13	11
70/ 69	1.6	4.6	.5															29	29	38	32
68/ 67	2.7	5.0																34	34	35	39
66/ 65	4.3	7.1	.7	.2														54	54	41	40
64/ 63	2.5	9.6	1.1															58	58	51	44
62/ 61	2.5	4.6	.2															32	32	46	48
60/ 59	3.2	4.6	1.1	.2														40	40	35	35
58/ 57	1.6	5.3	.9	.5	.2													37	37	38	35
56/ 55	.9	3.4	.2	.7														23	23	23	31
54/ 53	.2	1.1	.9	.5														12	12	17	15
52/ 51	.7	2.1	1.1	.9	.2													22	22	19	12
50/ 49	.7	1.1	.5	.7	.5													15	15	14	14
48/ 47	.2	.9	.5	.2	.2													9	9	14	12
46/ 45		.9	.9	.2														9	9	7	14
44/ 43	.7	1.6	.7															13	13	17	12
42/ 41	.2	.7																4	4	12	8
40/ 39		1.1	.5															7	7	7	10
38/ 37	.2		.2															2	2	5	12
36/ 35																				2	5
34/ 33			.2															1	1	1	2
32/ 31		.2																1	1	1	2
30/ 29																				1	3
26/ 25																					2
TOTAL	22.8	60.3	11.4	4.1	1.4													438	438	438	438

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3715364	40144	91.7	9.082	438
Dry Bulb	1618250	26372	60.2	8.339	438
Wet Bulb	1547702	25748	58.8	8.833	438
Dew Point	1503373	25297	57.8	9.842	438

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		.2	20.8	2.1			90
Wet Bulb		.4	17.9	.2			90
Dew Point		1.4	16.8				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85						.4		.2										3	3		
84/ 83				.2	.6													4	4		
82/ 81				1.2	2.3	2.3												28	28		
80/ 79			1.0	4.1	2.7	1.0												43	43		
78/ 77		.2	2.3	4.7	2.9	1.6	1.0											62	62	1	
76/ 75		1.2	3.7	1.8	1.8	1.8	.2	.2										53	53	27	3
74/ 73		1.8	2.5	2.5	1.6	.8	.4											47	47	57	19
72/ 71		1.2	1.8	2.7	2.7	.2	.4											44	44	69	57
70/ 69	.4	4.5	1.8	1.2	.4	.6	.2	.2										46	46	53	65
68/ 67	.2	2.5	1.8	2.0	.6	.8												39	39	54	56
66/ 65		2.3	1.2	.6	.2	.4	.2	.4										26	26	57	44
64/ 63		.4	.8	.4	.2	.8	.2											14	14	40	45
62/ 61		.2	.6	.4	.8	.4												12	12	18	36
60/ 59			.6	1.0	1.0	.6	.4											18	18	16	30
58/ 57			.2	.6	.2	.6												8	8	13	19
56/ 55		.2	.2	.8	1.0	.2												12	12	9	13
54/ 53			.6	.8		.4												9	9	14	11
52/ 51				.2	1.0													6	6	15	10
50/ 49	.2			.6														4	4	14	6
48/ 47	.4	.2		.4														5	5	13	20
46/ 45			.2															1	1	5	11
44/ 43																				6	2
42/ 41						.2												1	1	3	11
40/ 39				.2	.2													2	2		12
38/ 37			.2															1	1		5
36/ 35																				1	5
34/ 33																				3	3
30/ 29																					2
28/ 27																					1
22/ 21																					1
18/ 17																					1
TOTAL	1.2	14.8	19.7	26.6	20.3	13.3	3.1	1.0											488		488
																		488		488	

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	2723723	35903	73.6	12.998	488							
Dry Bulb	2472548	34488	70.7	8.503	488			68.1	44.3	9.0		90
Wet Bulb	2099534	31734	65.0	8.587	488			48.1	15.7			90
Dew Point	1898108	30012	61.5	10.370	488		.9	36.9	4.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
92/ 91								.2										1	1		
90/ 89								.4										2	2		
88/ 87			.2			.2	.8	.2										7	7		
86/ 85						1.8	1.0	.8	.6									21	21		
84/ 83				.2	2.3	5.3	2.9	1.0	.2									58	58	1	
82/ 81				1.4	4.1	4.1	5.3	2.9										87	87		1
80/ 79			1.2	1.2	2.5	5.1	2.9	1.6										71	71		
78/ 77			1.4	1.4	1.6	1.8	3.1	1.6										54	54	4	
76/ 75			.2	2.5	1.0	2.3	.2	1.2	.2									37	37	48	1
74/ 73		.8	1.4	1.2	1.4	1.2	1.2	.6										39	39	77	28
72/ 71			.6	.6	.6	.4	.6	.2										15	15	69	42
70/ 69		.8	.4		.2	.8	.6	.2	.6									18	18	68	55
68/ 67		.2	.6	.6	.2	.8	.4	.8										18	18	55	67
66/ 65				.2	.2	1.0	.2	.4	.2									11	11	41	48
64/ 63		.2			.4	.8	1.2											13	13	22	41
62/ 61				.4		1.2	.4											10	10	19	40
60/ 59			.2	.4	.6	.8	.4											12	12	10	27
58/ 57					.4	.8												6	6	11	28
56/ 55						.4												2	2	11	13
54/ 53																				13	16
52/ 51																				18	7
50/ 49																				9	12
48/ 47	.4																	2	2	6	13
46/ 45	.2					.4												3	3	3	6
44/ 43					.2													1	1		7
42/ 41																					12
40/ 39																					10
38/ 37																					8
36/ 35																				3	3
22/ 21																					2
20/ 19																					1
TOTAL	.6	2.0	6.4	10.2	15.8	29.5	21.3	12.3	1.8										488		488
																		488		488	

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.	1911162	29930	61.3	12.451	488							
Dry Bulb	2873207	37251	76.3	7.808	488			78.9	69.5	40.0		90
Wet Bulb	2224768	32734	67.1	7.722	488			59.4	24.0	.2		90
Dew Point	1902580	30088	61.7	9.874	488		.6	35.8	5.5	.2		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
90/ 89								.2										1	1		
88/ 87							.2	.2										2	2		
86/ 85					.2	1.4	1.1	.5	.2	.5								17	17		
84/ 83				.2	.5	2.3	3.2	2.3	.7									40	40		
82/ 81				.5	3.2	2.9	3.6	2.0	.2									55	55		
80/ 79			1.4	1.4	3.2	5.6	.7	1.8										62	62		
78/ 77		.2	1.1	2.3	5.9	1.4	1.8	.9	.2									61	61	2	
76/ 75		.7	.7	2.5	1.4	3.4	.9	.2										43	43	24	2
74/ 73		1.1	.2	1.1	1.4	1.6	1.6	.2	.5									34	34	58	17
72/ 71		.9	.7	1.4	1.6	1.4	.5	.9										32	32	69	30
70/ 69		.7	.5	1.1	.7	.5	.5	.7	.5	.5	.5							26	26	76	39
68/ 67	.2	.9	.5	1.1			.7	.2										16	16	42	65
66/ 65				.5	.5	.7	.5	.9										13	13	43	64
64/ 63			.2	.2	.7	.9	1.1	.2										15	15	27	31
62/ 61				.2	.2		1.6	.2										10	10	20	32
60/ 59				.2		.9												5	5	7	41
58/ 57			.2		.3		.5											5	5	11	22
56/ 55				.2		.2	.2											3	3	12	15
54/ 53																				16	11
52/ 51																				12	4
50/ 49																				11	8
48/ 47																				2	17
46/ 45	.2					.5												3	3	3	4
44/ 43						.2												1		1	9
42/ 41																					7
40/ 39																					9
38/ 37																				1	6
36/ 35																				1	2
34/ 33																				1	5
30/ 29																					1
24/ 23																					1
22/ 21																					1
18/ 17																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) ON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

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

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																					
TOTAL	.5	4.5	5.4	12.8	19.6	23.6	18.5	11.5	2.3	.9	.5							444	444	444	444

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.	1801693	27609	62.2	13.844	444							
Dry Bulb	2545226	33460	75.4	7.309	444			78.9	63.9	29.6		90
Wet Bulb	1984909	29501	66.4	7.475	444			54.9	17.0			90
Dew Point	1696974	27090	61.0	9.979	444		.8	31.0	3.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,74-78 (YEARS) NOV (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77			1.8	3.6	.5													13	13		
76/ 75		1.4	4.1	3.2	.9	.5												22	22		
74/ 73		2.3	2.7	3.6	.9	.9												23	23	10	
72/ 71		3.2	6.8	3.2	.9													31	31	28	20
70/ 69		4.5	4.1	5.5	.5													32	32	22	24
68/ 67	.5	.5	7.7	2.7	.5													26	26	30	17
66/ 65		3.6	4.5	1.4			.5											22	22	28	25
64/ 63	.5	2.7	1.4	.9	.9	.9												16	16	38	26
62/ 61		.5		1.8														5	5	17	38
60/ 59		1.4	1.4		.9													8	8	8	18
58/ 57			.5		.5													2	2	5	13
56/ 55		.5		.5	.4													5	5	8	3
54/ 53			.5	.5														2	2	4	2
52/ 51			1.4	.5														4	4	2	7
50/ 49			.9	.5	.5													4	4	7	2
48/ 47				.5														1	1	4	2
46/ 45				.5														1	1	2	7
44/ 43																				1	3
42/ 41																				3	6
40/ 39				.5														1	1		
38/ 37																					1
36/ 35				.9														2	2		2
34/ 33																				1	
32/ 31																				1	1
30/ 29																				1	
24/ 23																					2
22/ 21																					1
TOTAL	.9	20.5	37.7	30.0	8.2	2.3	.5											220	220	220	220

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.	1408800	17462	79.4	10.202	220							
Dry Bulb	1021076	14896	67.7	7.549	220			60.1	23.7			90
Wet Bulb	904004	13996	63.6	7.882	220		.8	36.8	4.1			90
Dew Point	837277	13417	61.0	9.320	220		1.6	25.0				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,75-78 (YEARS) NOV (MONTH)

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

Temp (F)	0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
76/ 75					1.5													1	1		
74/ 73		4.5	1.5															4	4	1	
72/ 71		3.0	1.5															3	3	3	2
70/ 69		10.6	3.0															9	9	4	5
68/ 67		3.0	3.0															4	4	7	4
66/ 65		6.1	12.1															12	12	5	3
64/ 63		9.1	1.5															7	7	10	8
62/ 61		6.1	1.5															5	5	12	14
60/ 59		3.0	3.0															4	4	4	9
58/ 57		4.5	3.0															5	5	2	2
56/ 55			1.5															1	1	5	2
54/ 53		1.5	3.0	1.5														4	4	1	3
52/ 51			1.5															1	1	2	2
50/ 49		1.5	1.5															2	2	2	1
48/ 47				1.5														1	1	4	2
46/ 45		1.5		1.5														2	2		3
44/ 43																				1	2
42/ 41																				1	1
40/ 39																				1	
34/ 33			1.5															1	1		2
30/ 29																				1	
24/ 23																					1
TOTAL		54.5	39.4	4.5	1.5														66		66
																		66		66	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	492279	5669	85.9	9.069	66							
Dry Bulb	262983	4133	62.6	8.009	66			28.6	6.8			90
Wet Bulb	243369	3969	60.1	8.492	66		1.4	20.5	1.4			90
Dew Point	230607	3849	58.3	9.719	66		1.4	15.0				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91								.0										1	1		
90/ 89								.1										3	3		
88/ 87			.0			.0	.2	.1										9	9		
86/ 85					.0	.8	.5	.3	.2	.1								41	41		
84/ 83				.1	.7	1.6	1.3	.7	.2									102	102	1	
82/ 81				.7	2.0	2.0	1.9	1.0	.0									170	170		1
80/ 79			.8	1.4	1.8	2.5	.8	.7										177	177		
78/ 77		.1	1.2	2.2	2.2	1.0	1.3	.5	.0									190	190	7	
76/ 75		.6	1.4	1.8	1.0	1.6	.3	.4	.0									157	157	99	6
74/ 73		1.5	1.2	1.4	1.0	.9	.7	.2	.1									155	155	204	64
72/ 71	.1	1.8	1.6	1.3	1.1	.4	.3	.2										153	153	251	162
70/ 69	.5	3.2	1.2	1.0	.3	.4	.3	.2	.2	.1	.1							165	165	267	224
68/ 67	1.1	2.2	1.5	1.1	.2	.4	.2	.2										152	152	236	263
66/ 65	1.1	2.7	1.2	.5	.2	.5	.2	.4	.0									149	149	229	232
64/ 63	.7	3.2	.7	.2	.4	.6	.5	.0										140	140	204	207
62/ 61	.5	1.3	.2	.4	.2	.4	.4	.0										77	77	140	220
60/ 59	.7	1.2	.7	.4	.5	.5	.2											93	93	85	165
58/ 57	.3	1.2	.4	.2	.3	.3	.1											64	64	81	120
56/ 55	.2	.8	.2	.4	.4	.2	.0											48	48	71	79
54/ 53	.0	.4	.5	.4		.1												29	29	66	60
52/ 51	.1	.6	.4	.3	.3													38	38	72	44
50/ 49	.2	.3	.2	.3	.2													26	26	60	48
48/ 47	.2	.2	.1	.2	.0													18	18	43	67
46/ 45	.1	.2	.2	.1		.2												19	19	20	43
44/ 43	.1	.3	.1		.0	.0												15	15	27	35
42/ 41	.1	.1				.0												6	6	20	46
40/ 39		.3	.1	.1	.0													11	11	8	41
38/ 37	.1		.1															4	4	8	33
36/ 35				.1														2	2	7	18
34/ 33			.1															2	2	6	13
32/ 31		.0																1	1	2	3
30/ 29																				3	6
28/ 27																					1
26/ 25																					2

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (YEARS) NOV (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					4
22/ 21																					5
20/ 19																					1
18/ 17																					2
TOTAL	6.	222.	114.	214.	613.	014.	4	9.1	5.2	.9	.2	.1							2217		2217
																		2217		2217	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12705116	163598	73.8	16.899	2217							
Dry Bulb	11080505	155151	70.0	10.024	2217		.3	479.0	326.4	133.8		720
Wet Bulb	9282842	142160	64.1	8.685	2217		1.6	345.9	101.0	.3		720
Dew Point	8342450	134184	60.5	9.986	2217		7.8	233.8	23.1	.3		720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-69,73 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
68/ 67		7.3																3	3		
66/ 65		4.9																2	2	3	3
64/ 63		9.8																4	4	3	2
62/ 61		2.4																1	1	3	4
60/ 59		4.9																2	2	1	1
58/ 57		2.4																1	1	3	2
56/ 55																					1
54/ 53	2.4																	1	1	1	1
52/ 51	2.4	9.8																5	5	1	1
50/ 49		2.4	2.4															2	2	5	5
48/ 47		7.3	2.4															4	4	1	1
46/ 45		19.5																8	8	7	2
44/ 43	2.4	4.9																3	3	7	10
42/ 41																				1	2
40/ 39			7.3	2.4														4	4		1
38/ 37		2.4																1	1		
36/ 35																				5	
32/ 31																					3
30/ 29																					1
28/ 27																					1
TOTAL	7.3	78.0	12.2	2.4														41	41		41
																				41	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	337757	3705	90.4	8.590	41
Dry Bulb	111604	2108	51.4	8.975	41
Wet Bulb	106175	2051	50.0	9.454	41
Dew Point	101695	1997	48.7	10.520	41

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			6.8				93
Wet Bulb							93
Dew Point		11.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,74-77 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69	6.8	4.5																5	5	3	3
68/ 67	4.5	2.3																3	3	4	4
66/ 65		2.3																1	1	1	1
64/ 63	4.5	2.3																3	3	3	2
62/ 61		2.3																1	1	1	2
60/ 59		11.4																5	5	2	1
58/ 57	2.3	4.5																3	3	7	6
56/ 55		2.3																1	1		2
54/ 53		2.3																1	1	1	1
52/ 51		2.3	2.3															2	2	1	
50/ 49		2.3																1	1	1	1
48/ 47		4.5																2	2	3	1
46/ 45		9.1																4	4	3	4
44/ 43	4.5	4.5	2.3	2.3														6	6	5	6
42/ 41				2.3														1	1	1	1
40/ 39	2.3	2.3																2	2	3	2
38/ 37																				1	1
36/ 35																				1	
34/ 33	2.3	2.3																2	2	2	2
32/ 31	2.3																	1	1	1	2
30/ 29																					1
28/ 27																					1
TOTAL	29.5	61.4	4.5	4.5															44		44
																		44		44	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	376139	4045	91.9	9.971	44							
Dry Bulb	131501	2357	53.6	11.040	44		2.1	16.9				93
Wet Bulb	126536	2306	52.4	11.494	44		2.1	14.8				93
Dew Point	122084	2254	51.2	12.406	44		8.5	14.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		.2																1	1		
72/ 71		1.1																5	5	1	1
70/ 69	.7	2.7																15	15	11	9
68/ 67	2.9	2.2																23	23	26	25
66/ 65	2.9	2.2																23	23	23	22
64/ 63	2.2	3.1																24	24	20	19
62/ 61	.9	4.2	.2															24	24	21	18
60/ 59	1.1	3.3	.2															21	21	22	26
58/ 57	2.7	3.6	.4	.4														32	32	28	25
56/ 55	2.2	4.7	.2															32	32	26	25
54/ 53	2.9	3.8	.7	.2														34	34	37	35
52/ 51	1.1	5.1		.2														29	29	33	32
50/ 49	.7	4.9	.2	.2														27	27	25	24
48/ 47	1.1	4.2	1.1	.7														32	32	27	30
46/ 45	.4	3.3																17	17	20	19
44/ 43	.7	3.6	.7															22	22	23	18
42/ 41		2.7	1.6															19	19	15	13
40/ 39	1.1	3.6	.7	.9														28	28	28	23
38/ 37	.9	1.3		.4														12	12	20	24
36/ 35	1.1	1.6	.4															14	14	17	14
34/ 33	.2	1.1	.4															8	8	11	19
32/ 31	.2	.4	.4															5	5	7	8
30/ 29																				4	4
28/ 27		.2																1	1	3	7
26/ 25																					4
24/ 23																					1
22/ 21																					2
20/ 19																					1
TOTAL	26.1	63.4	7.4	3.1														448	448	448	448

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.	3800919	41089	91.7	8.511	448							
Dry Bulb	1286188	23572	52.6	10.136	448		1.2	9.1	.2			93
Wet Bulb	1233335	23031	51.4	10.507	448		2.9	7.9				93
Dew Point	1190369	22523	50.3	11.394	448		5.6	7.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) — AVON PARK RANGE FLORIDA (STATION NAME) — 68-70,73-77 (YEARS) — DEC (MONTH)

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
80/ 79				.6	.6													6	6		
78/ 77		.2	.6	.4	1.0	.4												13	13		
76/ 75		.4	1.4	1.4	1.8	1.4	.2											33	33	2	1
74/ 73		1.2	1.2	1.0	.8	1.2												27	27	12	3
72/ 71		2.0	1.4	2.4	1.2	.4	.2											38	38	19	19
70/ 69	.6	2.8	2.0	1.4	.6	.4												39	39	36	22
68/ 67	.4	2.2	1.8	1.6	1.6	.8												42	42	41	28
66/ 65	.4	3.4	2.4	1.4	.8	.6	.2	.2										47	47	47	30
64/ 63	.2	.6	.8	1.4	1.2	.6	.4											26	26	41	45
62/ 61		1.4	2.0	2.0	.6	1.0												35	35	28	32
60/ 59		1.0	2.2	.6	1.6													27	27	25	26
58/ 57		.4	1.6	2.8	1.4	.4												33	33	28	29
56/ 55	.2	1.2	1.4	.8	1.0	.6	.2											27	27	36	28
54/ 53	.4	1.6	1.4	1.2	.4	.2												26	26	31	26
52/ 51	.4	.8	1.0	.4	.4													16	16	43	32
50/ 49		1.2	1.6	1.2														23	23	26	29
48/ 47		.2	.2	1.0	.4	.2												10	10	16	26
46/ 45		.4	.6	1.4	.2													13	13	18	22
44/ 43		.4	1.2	.6														11	11	14	17
42/ 41			.2															1	1	14	19
40/ 39			.4	.4														4	4	12	16
38/ 37			.2															1	1	5	8
36/ 35			.4															2	2	3	12
34/ 33																				1	7
32/ 31																				2	15
30/ 29																					3
28/ 27																					2
26/ 25																					3
TOTAL	2.6	21.4	26.0	24.0	16.4	8.2	1.2	.2										500	500	500	500

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2920190	37606	75.2	13.561	500							
Dry Bulb	2005983	31313	62.6	9.494	500			36.8	14.7			93
Wet Bulb	1724163	28973	57.9	9.527	500		.4	20.5	2.6			93
Dew Point	1538882	27168	54.3	11.208	500		4.3	13.6	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83					.4		.6											5	5		
82/ 81				.4	1.0	1.4	.4	.4	.8									22	22		
80/ 79			.4	.2	2.3	4.3	1.6	2.3	.8	.2								59	59		
78/ 77			.8	1.8	2.7	1.2	3.1	2.5										59	59	1	
76/ 75		.6	1.0	.8	.4	2.9	1.6											36	36	7	
74/ 73	.2	.2	.4	.6		2.3	2.0	1.0	.2									34	34	22	10
72/ 71		.6	.6	.6	.8	1.8	2.0	.4	.2	.2								36	36	32	11
70/ 69		.8		.8	.8	2.3	1.2	.6	.2									33	33	41	25
68/ 67	.6	1.0	.2	1.0	1.8	2.0	1.0	1.0	.2									44	44	41	30
66/ 65		1.2		.4	1.0	2.0	1.0	1.0										33	33	48	34
64/ 63		.4		.2	1.4	1.6	.8	.4		.2								25	25	49	19
62/ 61		.4		.2	2.3	.6	.6											20	20	38	28
60/ 59		.2	.2	.6	1.4	1.2	.4											20	20	30	34
58/ 57		.2		.6	.6	1.2	.2	.4										16	16	28	42
56/ 55		.2		.2	1.0	.2	.6	.2										12	12	29	36
54/ 53	.6	.4		.4	.4	1.0	.8											18	18	37	31
52/ 51	.2	.2		.2	.6	.6	.2											10	10	26	28
50/ 49	.2				.4	.4												5	5	15	23
48/ 47						.2												1	1	13	24
46/ 45																				8	23
44/ 43																				11	15
42/ 41																				10	13
40/ 39																				2	22
38/ 37																					7
36/ 35																					8
34/ 33																					4
32/ 31																					5
30/ 29																					7
28/ 27																					5
26/ 25																					3
24/ 23																					1
TOTAL	1.8	6.6	3.7	9.2	19.5	27.5	18.4	10.2	2.5	.6									488		488
																		488		488	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1867454	29272	60.0	15.139	488							
Dry Bulb	2410605	34047	69.8	8.502	488			62.5	41.0	10.1		93
Wet Bulb	1849029	29755	61.0	8.449	488			27.4	5.7			93
Dew Point	1513671	26641	54.6	11.033	488		4.0	14.5	1.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85						.2												1	1		
84/ 83						.7	.5											5	5		
82/ 81				.2	.2	.7	1.2	.5	.5									14	14		
80/ 79			.7		1.6	3.0	1.6	2.8	.5									44	44		
78/ 77			.2	.7	2.6	.7	2.3	2.1										37	37		
76/ 75		.7	1.9	2.1	.9	2.1	1.4	2.6										50	50	5	
74/ 73		.2	.7		1.2	.9	1.6	.5	.2	.2								24	24	10	7
72/ 71		.2	.7	.7	2.6	1.2	2.3	.5		.2								36	36	31	9
70/ 69		.2	.7	.7	1.9	3.7	1.4	1.2	.7									45	45	37	14
68/ 67	.7	.2	.5	.2	1.4	2.8	.5	1.6	.5	.2								37	37	29	27
66/ 65		.2	.2	.7	1.2	1.2	1.2	.2	.5									23	23	43	22
64/ 63		.7		.5	1.6	1.6	1.4	.5	.5									29	29	37	20
62/ 61				.5	1.2	.9	.9	.5										17	17	44	27
60/ 59		.7		1.2	.7	1.4	.9											21	21	32	22
58/ 57		.2		.2	1.4	.7	.7		.5									16	16	27	39
56/ 55				.2	.2	.5	.9											8	8	23	35
54/ 53				.2		1.9	.2											10	10	30	34
52/ 51				.7	.5	.7												8	8	22	26
50/ 49					.7													3	3	18	14
48/ 47		.2																1	1	11	20
46/ 45	.2	.2																2	2	11	17
44/ 43																				17	20
42/ 41																				4	18
40/ 39																					15
38/ 37																					6
36/ 35																					12
34/ 33																					10
32/ 31																					7
30/ 29																					7
28/ 27																					1
24/ 23																					2
TOTAL	.9	3.9	5.6	8.8	19.7	24.8	19.0	12.8	3.7	.7									431		431
																		431		431	

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.	1548901	25057	58.1	14.640	431							
Dry Bulb	2116090	29994	69.6	8.178	431			63.2	37.8	7.8		93
Wet Bulb	1600723	26025	60.4	8.249	431			24.2	3.2			93
Dew Point	1288501	23085	53.6	11.000	431		3.7	12.3	1.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77			.4															1	1		
76/ 75				.8	.4													3	3		
74/ 73			1.2	3.7														12	12	1	
72/ 71		.4	2.4	2.4	1.2	.8												18	18		1
70/ 69		.8	1.2	.4	.8			.4										9	9	8	
68/ 67		.8	.4	1.6	.8		.4											10	10	17	9
66/ 65	.4	.4	3.3	3.3	1.6													22	22	12	16
64/ 63		.8	2.9	3.7	.4		.4											20	20	6	12
62/ 61		.8	5.7	1.2														19	19	26	2
60/ 59		.4	2.4	2.4		.8												15	15	17	16
58/ 57		.8	4.5	2.0		.8												20	20	22	21
56/ 55		1.6	2.9	.8	.4													14	14	22	16
54/ 53		.8	4.5	1.6	1.6													21	21	16	25
52/ 51		.4	2.0	3.3														14	14	14	21
50/ 49		1.2	1.6	1.2	.4													11	11	17	10
48/ 47		.4	.8	1.2														6	6	18	16
46/ 45	1.2		.8	3.3	.4													14	14	16	16
44/ 43		1.2	2.4															9	9	3	7
42/ 41		1.2	.4	.4														5	5	16	12
40/ 39			.4	.4														2	2	10	16
38/ 37																				2	6
36/ 35																				2	11
34/ 33																					6
32/ 31																					3
30/ 29																					1
28/ 27																					2
TOTAL	1.6	12.2	40.4	33.9	8.2	2.4	.8	.4										245	245		245
																		245		245	

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.	1410287	18413	75.2	10.413	245							
Dry Bulb	873384	14460	59.0	9.042	245			20.1	6.1			93
Wet Bulb	748633	13375	54.6	8.700	245			9.9	.4			93
Dew Point	659911	12487	51.0	9.810	245		2.3	3.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71			1.0															1	1		
70/ 69		3.9	3.9															8	8	1	
68/ 67		1.0	1.9															3	3	5	3
66/ 65	1.0		1.0															2	2	6	5
64/ 63		0.8	2.9															10	10	6	7
62/ 61		3.9	1.0		1.9													7	7	5	4
60/ 59		1.9	3.9															6	6	6	6
58/ 57		2.9	3.9															7	7	4	5
56/ 55		6.8																7	7	9	3
54/ 53		5.8																6	6	12	11
52/ 51		5.8	1.9															8	8	6	9
50/ 49		4.9	3.9	1.0														10	10	3	9
48/ 47		8.7	1.0															10	10	9	3
46/ 45		1.9																2	2	12	7
44/ 43		1.9	2.9															5	5	4	12
42/ 41		3.9	1.9	1.0														7	7	3	3
40/ 39		1.9		1.9														4	4	5	2
38/ 37																				4	3
36/ 35																				2	5
34/ 33																				1	3
28/ 27																					3
TOTAL	1.0	62.1	31.1	3.9	1.9													103	103	103	103

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.	759568	8800	85.4	8.702	103							
Dry Bulb	316002	5632	54.7	8.882	103			10.8				93
Wet Bulb	290838	5396	52.4	8.939	103			5.4				93
Dew Point	271458	5190	50.4	9.873	103		2.7	2.7				93

USAFETAC FORM 201, 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85						.0												1	1		
84/ 83					.1	.1	.2											10	10		
82/ 81				.1	.3	.4	.3	.2	.3									36	36		
80/ 79			.2	.2	.9	1.5	.7	1.0	.3	.0								109	109		
78/ 77		.0	.4	.6	1.3	.5	1.1	.9										110	110	1	
76/ 75		.3	.9	1.0	.7	1.3	.7	.5										122	122	14	1
74/ 73	.0	.4	.6	.7	.4	.9	.7	.3	.1	.0								98	98	45	20
72/ 71		.9	.9	1.0	1.0	.8	.9	.2	.0	.1								134	134	83	41
70/ 69	.4	1.7	.9	.7	.7	1.3	.5	.4	.2									154	154	137	73
68/ 67	1.0	1.5	.7	.8	1.1	1.1	.3	.5	.1	.0								165	165	163	126
66/ 65	.7	1.7	1.0	.9	.8	.8	.5	.3	.1									153	153	183	133
64/ 63	.6	1.6	.6	.8	.9	.8	.6	.2	.1	.0								141	141	165	126
62/ 61	.2	1.6	1.1	.7	.9	.5	.3	.1										124	124	166	117
60/ 59	.2	1.5	1.0	.7	.8	.6	.3											117	117	135	132
58/ 57	.6	1.2	1.1	1.1	.7	.6	.2	.1	.1									128	128	147	169
56/ 55	.5	1.7	.7	.3	.5	.3	.3	.0										101	101	145	146
54/ 53	.8	1.6	.9	.6	.3	.6	.2											117	117	165	164
52/ 51	.4	1.7	.6	.7	.3	.3	.0											92	92	146	149
50/ 49	.2	1.7	.8	.5	.4	.1												82	82	110	115
48/ 47	.2	1.6	.4	.5	.1	.1												66	66	98	121
46/ 45	.3	1.4	.2	.7	.1													60	60	95	110
44/ 43	.3	1.2	.8	.2														56	56	84	105
42/ 41		.8	.5	.1														33	33	64	81
40/ 39	.3	.8	.4	.4														44	44	60	97
38/ 37	.2	.3	.0	.1														14	14	32	55
36/ 35	.2	.3	.2															16	16	30	62
34/ 33	.1	.3	.1															10	10	15	51
32/ 31	.1	.1	.1															6	6	10	43
30/ 29																				4	24
28/ 27		.0																1	1	3	22
26/ 25																					10
24/ 23																					4
22/ 21																					2
20/ 19																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	7.	125.	814.	913.	312.	312.	5 7.	8 4.	7 1.	2 .3								2300	2300	2300	2300

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13021215	167967	73.0	18.084	2300							
Dry Bulb	9251357	143483	62.4	11.429	2300		2.3	303.7	157.2	28.8		744
Wet Bulb	7679432	130912	56.9	9.962	2300		5.5	143.3	19.4			744
Dew Point	6686571	121345	52.8	11.126	2300		34.3	84.4	6.8			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (YEARS) ALL (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97								.0	.0	.0	.0	.0	.0		.0			30	30		
96/ 95						.0	.0	.1	.1	.1	.1	.0	.0					115	115		
94/ 93						.1	.2	.4	.4	.1	.1	.0	.0	.0				410	410		
92/ 91				.0	.0	.3	.9	.9	.4	.1	.1	.0						833	833		
90/ 89		.0	.0	.0	.2	1.2	1.5	.8	.4	.1	.1	.0		.0				1295	1295		
88/ 87			.0	.1	.8	1.8	1.0	.5	.3	.2	.1	.0						1461	1461	2	
86/ 85	.0	.0	.0	.7	1.5	1.4	.6	.6	.4	.2	.1	.0						1671	1672	9	4
84/ 83			.3	1.3	1.3	.9	.8	.6	.4	.1	.0	.0	.0					1705	1705	92	7
82/ 81		.1	1.0	1.3	.9	.9	.9	.5	.3	.1	.0	.0						1801	1802	409	43
80/ 79	.0	.4	1.7	1.2	.9	1.3	.4	.6	.2	.1	.0	.0	.0					2006	2006	1814	221
78/ 77	.1	1.5	1.6	1.0	1.0	.6	.6	.4	.2	.1	.0	.0	.0					2091	2092	2761	1151
76/ 75	.3	3.8	1.3	.9	.5	.8	.3	.3	.1	.0								2511	2515	2941	2573
74/ 73	.8	3.7	1.1	.7	.5	.6	.4	.3	.1	.0	.0							2423	2424	3637	3849
72/ 71	.6	2.7	.9	.6	.6	.4	.4	.1	.0	.0	.0							1890	1891	2908	3312
70/ 69	.4	1.9	.8	.5	.4	.4	.2	.2	.1	.0	.0							1496	1496	2628	2498
68/ 67	.5	1.4	.7	.5	.3	.4	.2	.1	.0	.0	.0							1225	1227	1947	2120
66/ 65	.3	1.3	.6	.4	.3	.3	.2	.1	.1	.0	.0							1090	1090	1716	1873
64/ 63	.3	1.2	.5	.3	.3	.3	.2	.1	.0	.0								920	920	1397	1622
62/ 61	.2	.9	.4	.3	.2	.2	.1	.0	.0									753	753	1213	1537
60/ 59	.3	.9	.4	.3	.2	.2	.1	.0										726	728	1011	1331
58/ 57	.2	.7	.4	.3	.3	.1	.1	.0	.0									599	599	844	1166
56/ 55	.1	.7	.3	.2	.2	.1	.1	.0										540	540	774	946
54/ 53	.1	.5	.3	.2	.1	.1	.0	.0										453	453	674	848
52/ 51	.1	.5	.3	.2	.1	.1	.0	.0										372	373	614	781
50/ 49	.1	.5	.3	.2	.1	.0	.0											353	353	546	623
48/ 47	.1	.4	.2	.1	.0	.0												248	248	467	536
46/ 45	.1	.3	.1	.1	.0	.0												210	210	364	447
44/ 43	.0	.3	.1	.0	.0	.0												151	151	306	475
42/ 41	.0	.2	.1	.0	.0	.0												122	122	227	399
40/ 39	.1	.2	.1	.1	.0													128	128	164	336
38/ 37	.0	.1	.1	.0	.0													64	64	98	244
36/ 35	.0	.1	.0	.0														44	44	89	242
34/ 33	.0	.1	.0	.0														41	41	71	174
32/ 31	.0	.0	.0	.0														30	30	57	160

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (YEARS) ALL (MONTH)

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

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29	.0	.0		.0														5	5	20	107
28/ 27		.0																2	2	11	73
26/ 25	.0																	2	2	4	50
24/ 23	.0																	1	1	2	24
22/ 21																					18
20/ 19																					12
18/ 17																					10
12/ 11																					2
10/ 9																					1
TOTAL	4.8	24.4	13.7	11.7	11.1	12.5	9.5	6.6	3.4	1.4	.7	.1	.0	.0	.0			29832			29817
																		29817		29817	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	169488495	2186752	73.31	7.483	29817							
Dry Bulb	167215820	2205498	73.91	1.812	29832		12.46	674.75	306.92	973.5	156.2	8760
Wet Bulb	139034114	2013792	67.51	0.074	29817		29.25	525.63	315.4	338.2		8760
Dew Point	126149215	1910121	64.11	1.266	29817		140.34	518.42	217.6	36.0		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	52.4	51.3	60.0	64.6	69.2	72.7	74.7	74.8	75.3	69.4	60.8	51.4	66.8
	S D	9.054	7.649	9.124	5.528	4.417	2.854	1.866	1.737	1.637	2.852	5.412	8.975	10.655
	TOTAL OBS	38	81	90	49	55	117	77	118	89	19	10	41	774
03-05	MEAN	49.7	50.7	58.9	61.2	66.8	71.8	73.5	73.8	73.2	67.3	62.6	53.6	68.7
	S D	8.639	8.136	7.751	5.185	3.866	2.528	1.913	1.597	1.927	5.467	7.188	11.040	7.804
	TOTAL OBS	34	55	66	109	219	274	255	350	212	161	63	44	1842
06-08	MEAN	52.1	52.1	59.7	65.3	70.9	75.5	77.0	76.6	75.4	68.8	60.2	52.6	66.1
	S D	10.029	9.296	7.808	6.067	5.245	4.066	3.713	3.287	3.217	5.738	8.339	10.136	11.597
	TOTAL OBS	463	425	472	460	507	507	498	551	495	487	428	448	5751
09-11	MEAN	61.6	62.0	70.7	76.6	81.8	84.9	86.0	85.9	84.4	78.3	70.7	62.6	75.5
	S D	10.559	8.774	8.101	5.076	4.322	3.920	3.235	2.877	3.216	5.156	8.503	9.494	11.384
	TOTAL OBS	530	473	512	492	506	510	491	549	488	510	488	500	6049
12-14	MEAN	69.4	69.3	76.9	82.0	86.1	88.2	88.8	88.3	88.0	82.5	76.3	69.8	80.6
	S D	10.058	8.540	7.898	5.150	5.331	5.040	4.692	4.836	3.853	4.811	7.808	8.502	10.009
	TOTAL OBS	514	469	509	487	512	514	501	538	501	513	488	488	6024
15-17	MEAN	70.3	70.2	77.4	81.9	85.0	85.2	86.5	86.1	86.0	80.9	75.4	69.6	78.9
	S D	9.784	7.840	7.944	5.532	6.267	6.641	6.571	5.982	4.687	5.007	7.309	8.175	9.534
	TOTAL OBS	478	448	485	446	394	370	317	327	339	429	444	431	4908
18-20	MEAN	62.4	62.3	70.1	75.3	77.6	79.9	79.7	80.0	80.0	73.3	67.7	59.0	72.2
	S D	10.292	7.962	8.092	5.978	4.983	4.955	5.288	4.363	3.627	5.009	7.549	9.042	9.969
	TOTAL OBS	222	251	354	224	253	283	223	183	253	269	220	245	2980
21-23	MEAN	55.8	55.8	64.3	68.2	71.7	75.4	76.5	76.9	76.7	69.9	62.6	54.7	68.1
	S D	9.904	7.097	8.123	4.847	3.470	3.032	2.799	2.352	1.970	4.254	8.009	8.882	10.081
	TOTAL OBS	110	126	198	102	138	159	122	153	139	78	66	103	1494
ALL HOURS	MEAN	62.7	62.3	70.0	75.1	78.5	80.9	82.2	81.7	81.4	76.1	70.0	62.4	73.9
	S D	12.303	11.012	10.492	8.979	8.535	7.386	7.013	6.743	6.365	7.615	10.024	11.429	11.812
	TOTAL OBS	2389	2328	2686	2359	2584	2734	2484	2769	2516	2466	2217	2300	29832

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	50.4	49.3	58.1	62.5	67.4	70.9	73.4	73.5	73.9	67.7	59.0	50.0	65.2
	S D	9.689	7.833	9.436	5.139	4.752	3.043	1.720	1.388	1.363	2.978	5.249	9.454	10.896
	TOTAL OBS	38	81	89	39	55	117	77	118	89	19	10	41	773
03-05	MEAN	48.3	49.3	57.5	59.4	65.3	70.5	72.4	72.9	72.3	66.0	61.7	52.4	67.5
	S D	8.997	8.595	8.079	5.849	4.155	2.564	1.805	1.466	1.793	5.712	7.570	11.494	8.019
	TOTAL OBS	34	55	66	109	219	274	252	230	212	161	63	44	1839
06-08	MEAN	50.7	50.6	57.9	62.5	67.9	72.8	74.4	74.5	73.7	66.9	58.8	51.4	64.0
	S D	10.379	9.482	8.195	6.121	4.487	2.864	2.464	2.228	2.374	5.748	8.833	10.507	11.274
	TOTAL OBS	463	425	472	460	507	507	495	551	495	487	438	448	5748
09-11	MEAN	57.4	56.6	63.9	67.5	72.6	76.7	78.3	78.3	77.5	71.4	65.0	57.9	68.7
	S D	10.408	8.768	8.105	5.130	3.541	2.404	1.839	1.696	1.898	5.068	8.587	9.527	10.298
	TOTAL OBS	530	473	512	492	506	510	490	549	488	510	488	500	6048
12-14	MEAN	61.0	59.5	65.9	68.7	73.2	77.2	78.6	78.3	78.0	72.6	67.1	61.0	70.2
	S D	9.419	8.152	7.446	4.771	3.986	2.685	2.370	2.429	2.042	4.501	7.722	8.449	9.088
	TOTAL OBS	514	469	509	487	512	513	501	538	501	513	488	488	6033
15-17	MEAN	61.2	59.4	65.7	68.1	72.5	75.7	77.5	77.4	77.4	71.8	66.4	60.4	68.7
	S D	9.150	7.740	6.928	4.512	3.614	2.849	2.818	2.520	2.166	4.472	7.475	8.249	8.820
	TOTAL OBS	478	448	485	446	394	370	317	327	339	429	444	431	4908
18-20	MEAN	57.6	55.8	62.8	66.2	70.2	73.8	75.1	75.5	75.4	68.9	63.6	54.6	66.5
	S D	9.925	7.698	7.320	4.353	3.625	2.505	2.712	2.137	2.073	4.739	7.882	8.700	9.443
	TOTAL OBS	219	251	354	224	253	283	223	183	253	268	220	245	2976
21-23	MEAN	53.3	52.6	60.6	64.2	68.2	72.3	74.2	74.5	74.3	67.6	60.1	52.4	65.2
	S D	9.936	7.207	8.320	4.648	3.846	2.791	2.012	1.671	1.722	4.545	8.492	8.939	10.195
	TOTAL OBS	110	126	198	101	138	158	122	153	139	78	66	103	1492
ALL HOURS	MEAN	57.2	55.9	62.8	66.2	70.6	74.5	76.2	76.1	75.9	70.1	64.1	56.9	67.5
	S D	10.666	9.118	8.345	5.787	4.750	3.573	3.203	2.932	2.879	5.515	8.685	9.962	10.074
	TOTAL OBS	2386	2[illegible]28	2685	2358	2584	2732	2477	2769	2516	2465	2217	2300	29817

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	48.5	47.5	56.8	61.3	66.6	70.2	73.1	73.1	73.5	66.8	57.8	48.7	64.2
	S D	11.589	8.734	10.133	5.126	5.412	3.424	1.754	1.505	1.478	3.137	5.350	10.520	11.647
	TOTAL OBS	38	81	89	39	55	117	77	118	89	19	10	41	773
03-05	MEAN	47.1	47.9	56.4	58.2	64.6	70.0	72.1	72.7	72.1	65.5	61.2	51.2	67.0
	S D	9.830	9.552	8.773	7.081	4.622	2.793	1.867	1.556	1.828	6.126	8.251	12.406	8.551
	TOTAL OBS	34	55	66	109	219	274	252	350	212	161	63	44	1829
06-08	MEAN	49.4	49.1	56.4	60.8	66.4	71.7	73.4	73.8	73.1	66.0	57.8	50.3	62.9
	S D	11.434	10.228	9.113	7.027	4.756	2.704	2.299	2.027	2.249	6.109	9.842	11.394	11.791
	TOTAL OBS	463	425	472	460	507	507	495	551	495	487	438	448	5748
09-11	MEAN	54.1	52.2	59.5	62.4	68.4	73.5	75.5	75.4	74.9	68.0	61.5	54.3	65.0
	S D	12.088	10.806	10.116	7.050	4.757	2.935	2.180	2.159	2.189	6.205	10.370	11.208	11.486
	TOTAL OBS	530	473	512	492	506	510	490	549	488	510	488	500	6048
12-14	MEAN	55.0	52.0	59.3	61.5	67.3	72.9	74.8	74.4	74.2	67.9	61.7	54.6	64.8
	S D	11.635	10.853	10.000	6.786	5.681	3.404	2.587	2.971	2.603	5.790	9.874	11.033	11.106
	TOTAL OBS	514	469	509	487	512	513	501	538	501	513	488	488	6033
15-17	MEAN	54.7	51.0	58.6	60.4	66.7	71.8	74.1	74.0	74.1	67.3	61.0	53.6	63.0
	S D	11.495	11.002	9.232	6.847	5.354	3.790	2.511	2.893	2.580	6.019	9.979	11.000	11.304
	TOTAL OBS	478	448	485	446	394	370	317	327	339	429	444	431	4908
18-20	MEAN	53.9	50.3	58.1	60.9	66.4	71.1	73.3	73.8	73.6	66.7	61.0	51.0	63.1
	S D	11.347	9.673	8.884	5.667	4.798	3.289	2.322	2.112	2.209	5.426	9.320	9.810	10.874
	TOTAL OBS	219	251	354	224	253	283	223	183	253	268	220	245	2976
21-23	MEAN	51.2	49.7	58.0	61.9	66.4	70.8	73.4	73.6	73.4	66.4	58.3	50.4	63.4
	S D	10.824	8.263	9.430	5.153	4.766	3.404	2.012	1.735	1.936	5.082	9.719	9.873	11.102
	TOTAL OBS	110	126	198	101	138	158	122	153	139	78	66	103	1492
ALL HOURS	MEAN	53.2	50.8	58.3	61.1	66.9	71.9	74.0	74.1	73.8	67.1	60.5	52.8	64.1
	S D	11.789	10.491	9.578	6.792	5.143	3.382	2.520	2.452	2.423	5.990	9.986	11.126	11.266
	TOTAL OBS	2386	2328	2685	2358	2584	2732	2477	2769	2516	2465	2217	2300	29817

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (PERIOD) JAN (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%		
JAN	00-02	100.0	100.0	100.0	100.0	97.4	94.7	94.7	76.3	44.7	86.8	38
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.1	88.2	64.7	90.6	34
	06-08	100.0	100.0	100.0	100.0	99.8	98.5	96.3	87.5	67.0	90.9	463
	09-11	100.0	100.0	100.0	99.6	96.0	87.2	70.0	44.0	16.2	77.1	530
	12-14	100.0	100.0	100.0	95.1	79.8	46.9	20.6	10.5	4.1	61.3	514
	15-17	100.0	100.0	99.8	92.9	73.4	37.9	14.9	7.9	2.3	58.7	478
	18-20	100.0	100.0	100.0	99.5	96.8	86.8	63.5	35.2	3.7	74.3	219
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	91.8	77.3	20.9	84.3	110
TOTALS		100.0	100.0	100.0	98.4	92.9	81.5	68.6	53.4	28.0	78.0	2386

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (PERIOD) FEB (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	100.0	100.0	100.0	100.0	100.0	98.8	93.8	71.6	42.0	86.8	81
	03-05	100.0	100.0	100.0	100.0	100.0	96.4	94.5	90.9	65.5	90.4	55
	06-08	100.0	100.0	100.0	100.0	99.5	99.1	95.8	84.0	59.1	89.6	425
	09-11	100.0	100.0	100.0	97.3	91.5	77.0	52.6	30.7	9.1	71.6	473
	12-14	100.0	100.0	97.0	88.5	64.4	29.9	13.4	5.3	1.1	55.6	469
	15-17	100.0	99.8	93.5	80.6	48.9	22.3	12.3	6.5	1.6	52.4	448
	18-20	100.0	100.0	99.6	96.4	88.4	64.5	35.9	13.9	4.8	66.2	251
	21-23	100.0	100.0	100.0	100.0	100.0	96.8	82.5	50.8	15.9	80.3	126
TOTALS		100.0	100.0	98.8	95.4	86.6	73.1	60.1	44.2	24.9	74.1	2328

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (PERIOD) MAR (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%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	88.8	38.2	89.2	89
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	95.5	90.9	68.2	91.2	66
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	94.3	82.6	51.9	88.9	472
	09-11	100.0	100.0	99.8	98.8	92.2	71.1	43.9	22.3	3.7	68.5	512
	12-14	100.0	99.8	99.2	90.6	61.7	27.9	12.6	6.1	2.6	55.8	509
	15-17	100.0	100.0	98.4	86.8	51.1	23.5	11.8	7.2	3.3	53.9	485
	18-20	100.0	100.0	100.0	97.7	88.1	66.1	38.7	15.5	4.2	66.7	354
	21-23	100.0	100.0	100.0	100.0	100.0	97.0	83.3	55.1	9.1	80.2	198
TOTALS		100.0	100.0	99.7	96.7	86.6	73.1	60.0	46.1	22.7	74.3	2685

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.4	28.2	88.8	39
	03-05	100.0	100.0	99.1	99.1	99.1	99.1	98.2	89.0	59.6	90.1	109
	06-08	100.0	100.0	100.0	99.8	99.1	98.0	91.7	75.4	33.5	85.6	460
	09-11	100.0	100.0	99.8	97.6	81.9	53.0	26.4	8.5	1.8	62.4	492
	12-14	100.0	100.0	98.6	84.4	46.8	11.9	3.5	2.1	1.0	50.6	487
	15-17	100.0	100.0	96.4	73.3	39.0	17.3	7.6	2.7	.7	49.4	446
	18-20	100.0	100.0	99.6	94.6	79.5	51.8	25.9	9.4	2.7	62.3	224
	21-23	100.0	100.0	100.0	100.0	100.0	99.0	89.1	53.5	5.9	80.3	101
TOTALS		100.0	100.0	99.2	93.6	80.7	66.3	55.3	42.3	16.7	71.2	2358

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	100.0	100.0	100.0	100.0	100.0	100.0	94.5	90.9	52.7	91.2	55
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	99.5	98.6	63.5	92.6	219
	06-08	100.0	100.0	100.0	100.0	99.6	98.6	93.5	75.5	31.4	86.1	507
	09-11	100.0	100.0	100.0	98.8	90.3	61.5	28.1	9.1	1.4	64.5	506
	12-14	100.0	100.0	99.4	87.1	59.2	25.2	11.3	6.6	1.8	54.7	512
	15-17	100.0	100.0	99.2	85.3	56.1	31.0	19.0	10.9	5.1	56.3	394
	18-20	100.0	100.0	100.0	99.2	90.9	71.5	47.4	25.3	5.5	69.6	253
	21-23	100.0	100.0	100.0	100.0	100.0	99.3	89.9	68.1	21.7	83.3	138
TOTALS		100.0	100.0	99.8	96.3	87.0	73.3	60.4	48.1	22.9	74.8	2584

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.7	49.6	91.4	117
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.2	69.7	93.6	274
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.0	81.3	34.5	88.0	507
	09-11	100.0	100.0	100.0	100.0	98.0	84.5	41.2	10.0	2.5	69.2	510
	12-14	100.0	100.0	100.0	99.0	80.3	48.3	19.1	7.8	3.7	61.4	513
	15-17	100.0	100.0	100.0	95.7	80.0	57.6	38.1	23.5	8.1	66.3	370
	18-20	100.0	100.0	100.0	99.6	94.3	85.9	66.1	40.3	10.6	75.6	283
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	94.9	77.2	26.6	85.7	158
TOTALS		100.0	100.0	100.0	99.3	94.1	84.5	69.7	54.3	25.7	78.9	2732

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (PERIOD) JUL (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%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	74.0	94.4	77
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	81.3	94.9	252
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	98.4	86.1	38.8	88.9	495
	09-11	100.0	100.0	100.0	100.0	99.4	94.3	45.5	11.6	.6	70.9	490
	12-14	100.0	100.0	100.0	100.0	94.4	62.1	18.0	7.2	2.6	63.9	501
	15-17	100.0	100.0	100.0	99.7	91.5	66.6	34.7	21.1	7.3	67.9	317
	18-20	100.0	100.0	100.0	100.0	100.0	96.4	80.3	56.1	20.2	81.5	223
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.3	38.5	89.6	122
TOTALS		100.0	100.0	100.0	100.0	98.2	89.9	72.1	59.6	32.9	81.5	2477

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	76.3	94.0	118
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	95.6	350
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.7	49.4	90.9	551
	09-11	100.0	100.0	100.0	100.0	99.8	94.2	5[illegible].5	10.4	.5	71.1	549
	12-14	100.0	100.0	100.0	99.8	91.1	55.2		11.9	4.5	64.3	538
	15-17	100.0	100.0	100.0	99.7	88.7	68.5	39.1	24.2	8.9	68.5	327
	18-20	100.0	100.0	100.0	100.0	99.5	96.2	86.3	56.3	18.6	81.9	183
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.3	94.8	32.7	89.6	153
TOTALS		100.0	100.0	100.0	99.9	97.4	89.3	74.6	61.3	35.1	82.0	2769

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	70.8	93.6	89
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	90.1	95.6	212
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.4	95.8	59.0	92.4	495
	09-11	100.0	100.0	100.0	100.0	100.0	98.0	58.6	17.2	1.8	73.4	488
	12-14	100.0	100.0	100.0	100.0	95.6	63.3	18.6	6.0	3.0	64.2	501
	15-17	100.0	100.0	100.0	100.0	96.2	75.2	36.6	15.0	4.1	68.3	339
	18-20	100.0	100.0	100.0	100.0	100.0	98.4	88.1	51.8	13.0	81.0	253
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.4	26.6	89.3	139
TOTALS		100.0	100.0	100.0	100.0	99.0	91.9	75.2	60.2	33.6	82.3	2516

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	63.2	91.2	19
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.9	71.4	93.5	161
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.2	92.0	50.9	90.7	487
	09-11	100.0	100.0	100.0	100.0	98.0	83.7	53.1	21.6	.8	71.3	510
	12-14	100.0	100.0	100.0	99.6	88.7	48.7	17.5	5.8	1.8	62.0	513
	15-17	100.0	100.0	99.8	98.8	90.0	56.4	26.2	11.9	4.2	64.3	429
	18-20	100.0	100.0	100.0	100.0	100.0	97.8	85.8	51.1	11.2	79.9	268
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	93.6	34.6	88.5	78
TOTALS		100.0	100.0	100.0	99.8	97.1	85.8	72.5	59.1	29.8	80.2	2465

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 69-70,73-78 (PERIOD) NOV (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%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	40.0	89.4	10
	03-05	100.0	100.0	100.0	100.0	100.0	98.4	98.4	96.8	87.3	95.0	63
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	95.4	88.1	69.4	91.7	438
	09-11	100.0	100.0	100.0	99.4	95.1	83.6	60.2	32.8	6.1	73.6	488
	12-14	100.0	100.0	100.0	97.3	80.3	46.9	23.2	8.6	1.6	61.3	486
	15-17	100.0	100.0	99.1	95.0	79.7	51.6	27.9	9.9	3.6	62.2	444
	18-20	100.0	100.0	100.0	100.0	98.6	92.7	82.3	53.2	10.0	79.4	220
	21-23	100.0	100.0	100.0	100.0	100.0	97.0	92.4	77.3	33.3	85.9	66
TOTALS		100.0	100.0	99.9	99.0	94.2	83.6	72.5	58.4	31.4	79.8	2217

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-77 (PERIOD) DEC (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%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	92.7	85.4	75.6	90.4	41
	03-05	100.0	100.0	100.0	100.0	100.0	95.5	93.2	90.9	79.5	91.9	44
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	95.8	90.8	69.4	91.7	448
	09-11	100.0	100.0	100.0	99.6	97.0	83.6	62.0	39.0	15.0	75.2	500
	12-14	100.0	100.0	99.6	93.2	72.5	38.1	21.7	12.1	5.3	60.0	488
	15-17	100.0	100.0	99.3	91.4	66.1	35.7	17.4	10.4	3.5	58.1	431
	18-20	100.0	100.0	100.0	100.0	96.7	91.4	70.2	30.6	4.1	75.2	245
	21-23	100.0	100.0	100.0	100.0	100.0	98.1	92.2	75.7	32.0	85.4	103
TOTALS		100.0	100.0	99.9	98.0	91.5	80.2	68.2	54.4	35.6	78.5	2300

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (PERIOD) ALL (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%		
JAN	ALL	100.0	100.0	100.0	98.4	92.9	81.5	68.6	53.4	28.0	78.0	2386
FEB		100.0	100.0	98.8	95.4	86.6	73.1	60.1	44.2	24.9	74.1	2328
MAR		100.0	100.0	99.7	96.7	86.6	73.1	60.0	46.1	22.7	74.3	2685
APR		100.0	100.0	99.2	93.6	80.7	66.3	55.3	42.3	16.7	71.2	2358
MAY		100.0	100.0	99.8	96.3	87.0	73.3	60.4	48.1	22.9	74.8	2584
JUN		100.0	100.0	100.0	99.3	94.1	84.5	69.7	54.3	25.7	78.9	2732
JUL		100.0	100.0	100.0	100.0	98.2	89.9	72.1	59.6	32.9	81.5	2477
AUG		100.0	100.0	100.0	99.9	97.4	89.3	74.6	61.3	35.1	82.0	2769
SEP		100.0	100.0	100.0	100.0	99.0	91.9	75.2	60.2	33.6	82.3	2516
OCT		100.0	100.0	100.0	99.8	97.1	85.8	72.5	59.1	29.8	80.2	2465
NOV		100.0	100.0	99.9	99.0	94.2	83.6	72.5	58.4	31.4	79.8	2217
DEC		100.0	100.0	99.9	98.0	9[illegible].5	80.2	68.2	54.4	35.6	78.5	2300
TOTALS		100.0	100.0	99.8	98.0	92.1	81.0	67.4	53.5	28.3	78.0	29817

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

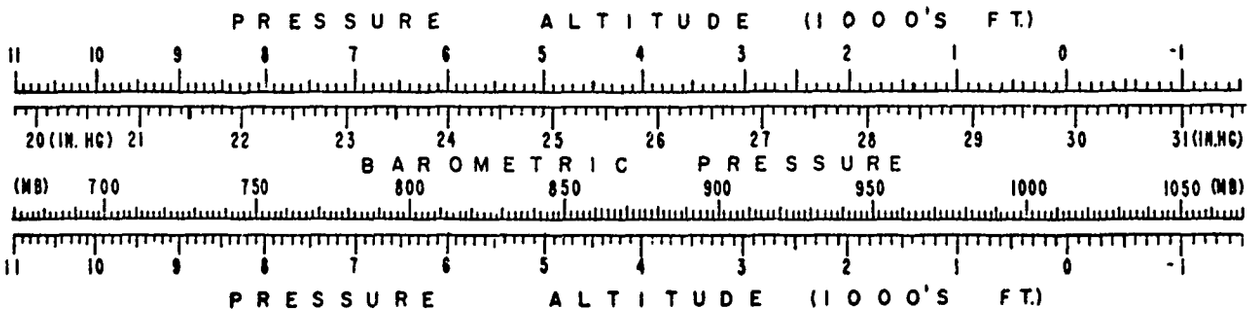
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12804 (STATION) AVON PARK RANGE FLORIDA (STATION NAME) 68-70,73-78 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	30.096	30.075	30.004	30.036	29.893	29.893	29.973	29.951	29.921	29.903	29.970	30.071	29.978
	S D	.141	.129	.083	.104	.067	.094	.072	.050	.071	.106	.143	.140	.116
	TOTAL OBS	14	30	33	16	16	36	24	35	31	6	4	15	260
04	MEAN	30.120	29.977	29.877	29.979	29.902	29.909	29.968	29.937	29.892	29.902	29.989	30.087	29.929
	S D		.052		.141	.104	.078	.055	.061	.068	.069	.054		.084
	TOTAL OBS	1	7	3	24	65	79	79	122	73	43	15	3	514
07	MEAN	30.068	30.045	29.996	29.984	29.936	29.926	29.979	29.958	29.912	29.937	30.013	30.052	29.983
	S D	.131	.128	.127	.136	.099	.084	.070	.067	.070	.097	.102	.126	.116
	TOTAL OBS	167	151	165	170	172	170	167	184	167	165	158	161	1997
10	MEAN	30.110	30.082	30.030	30.004	29.955	29.950	29.999	29.985	29.936	29.967	30.045	30.093	30.013
	S D	.130	.126	.127	.139	.102	.080	.073	.067	.069	.099	.105	.123	.120
	TOTAL OBS	177	158	173	170	168	168	162	182	159	171	163	167	2018
13	MEAN	30.059	30.045	29.992	29.974	29.922	29.924	29.982	29.966	29.909	29.929	29.997	30.040	29.978
	S D	.132	.130	.125	.142	.103	.082	.073	.064	.070	.099	.106	.119	.117
	TOTAL OBS	171	156	171	169	171	173	170	182	168	171	163	164	2029
16	MEAN	30.023	29.999	29.942	29.920	29.883	29.901	29.956	29.933	29.864	29.896	29.962	30.009	29.944
	S D	.129	.129	.121	.140	.101	.083	.071	.064	.071	.101	.105	.122	.120
	TOTAL OBS	162	154	166	159	134	118	94	97	110	151	159	150	1654
19	MEAN	30.034	30.038	29.961	29.944	29.906	29.899	29.971	29.940	29.892	29.930	29.970	30.056	29.960
	S D	.128	.128	.106	.133	.095	.090	.061	.052	.073	.103	.110	.117	.116
	TOTAL OBS	75	85	117	78	84	96	81	57	86	89	74	83	1005
22	MEAN	30.062	30.056	30.003	30.027	29.944	29.921	29.985	29.966	29.935	29.935	29.988	30.074	29.989
	S D	.146	.122	.096	.108	.078	.082	.050	.055	.066	.082	.134	.117	.107
	TOTAL OBS	38	39	64	35	43	45	35	52	44	24	16	29	464
ALL HOURS	MEAN	30.063	30.044	29.988	29.973	29.923	29.921	29.979	29.959	29.907	29.931	30.000	30.052	29.977
	S D	.134	.130	.123	.140	.102	.085	.070	.065	.073	.100	.109	.125	.118
	TOTAL OBS	805	780	892	821	853	885	812	911	838	820	752	772	9941

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12804 — STATION
AVON PARK RANGE FLORIDA — STATION NAME
68-70,73-78 — YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1021.9	1021.1	1018.8	1019.9	1016.4	1015.9	1017.9	1017.0	1016.0	1015.3	1017.7	1021.1	1018.1
	S D	4.821	4.384	2.849	3.506	1.529	2.641	2.136	1.707	2.372	3.685	4.916	4.641	3.689
	TOTAL OBS	14	30	33	16	16	37	23	35	31	6	4	15	260
04	MEAN	1022.5	1017.8	1014.4	1017.4	1015.3	1015.5	1017.5	1016.4	1014.9	1015.2	1018.1	1021.5	1016.2
	S D		1.753		4.851	3.539	2.673	1.793	2.052	2.319	2.332	1.827		2.803
	TOTAL OBS	1	7	3	20	62	78	79	122	70	43	15	3	503
07	MEAN	1020.9	1020.1	1018.5	1018.4	1016.8	1016.5	1018.2	1017.2	1015.6	1016.5	1019.0	1020.4	1018.1
	S D	4.467	4.356	4.229	4.414	3.298	2.764	2.003	2.241	2.356	3.331	3.498	4.292	3.879
	TOTAL OBS	167	151	165	170	172	170	167	184	167	165	157	160	1995
10	MEAN	1022.3	1021.4	1019.6	1019.2	1017.4	1017.2	1018.9	1018.1	1016.4	1017.4	1020.1	1021.8	1019.2
	S D	4.439	4.308	4.309	4.559	3.399	2.673	1.994	2.235	2.340	3.335	3.580	4.117	4.006
	TOTAL OBS	177	158	173	170	168	167	162	182	159	171	163	166	2016
13	MEAN	1020.6	1020.1	1018.3	1018.1	1016.4	1016.4	1018.3	1017.5	1015.5	1016.2	1018.5	1020.0	1018.0
	S D	4.466	4.409	4.221	4.570	3.329	2.738	1.995	2.092	2.383	3.384	3.607	4.032	3.869
	TOTAL OBS	171	156	172	169	171	173	170	182	168	171	163	164	2030
16	MEAN	1019.4	1018.6	1016.7	1016.3	1014.9	1015.3	1017.4	1016.3	1014.1	1015.1	1017.3	1019.0	1016.8
	S D	4.377	4.349	4.145	4.534	3.449	2.784	1.930	2.062	2.410	3.430	3.566	4.124	4.020
	TOTAL OBS	162	154	166	159	134	118	93	97	110	151	159	151	1654
19	MEAN	1019.9	1019.9	1017.4	1016.8	1015.7	1015.8	1017.6	1016.5	1014.9	1016.2	1017.6	1020.5	1017.4
	S D	4.361	4.313	3.568	4.305	2.962	2.658	2.064	1.758	2.497	3.513	3.727	3.989	3.829
	TOTAL OBS	75	85	114	78	86	95	81	57	86	89	74	82	1000
22	MEAN	1020.8	1020.5	1018.7	1019.5	1017.2	1016.5	1017.9	1017.4	1016.4	1016.5	1018.2	1021.2	1018.3
	S D	5.071	4.184	3.239	3.699	2.066	2.244	1.748	1.880	2.219	3.008	4.552	3.943	3.528
	TOTAL OBS	36	39	64	35	42	45	36	52	43	24	16	29	461
ALL HOURS	MEAN	1020.8	1020.1	1018.2	1018.0	1016.3	1016.3	1018.1	1017.2	1015.5	1016.2	1018.6	1020.4	1017.9
	S D	4.561	4.410	4.149	4.572	3.366	2.756	2.030	2.176	2.474	3.411	3.707	4.230	3.946
	TOTAL OBS	803	780	890	817	849	883	811	911	834	820	751	770	9919

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