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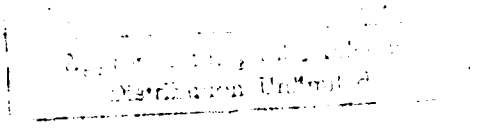

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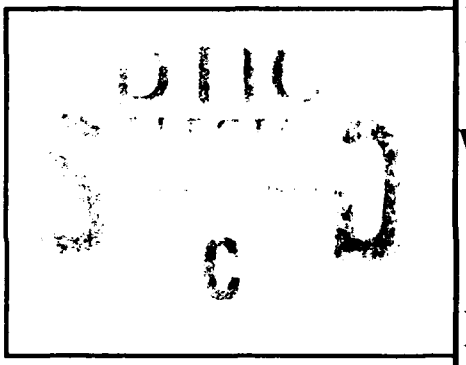

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AD-A243 630

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OPERATING LOCATION - A

USAFETAC

Air Weather Service (MAC)

SPECIAL CLIMATIC SUMMARY

AVON PARK (RNG) FL MSC #747960
N 27 39 W 081 20 ELEV: 68 FT AGR

PARTS A - F HOURS SUMMARIZED: VARIABLE

PERIOD OF RECORD:
HOURLY OBSERVATIONS: 4312-4509, 6412-7012, 7301-8603
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO LST: -5

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"Approved for public release;
Distribution is Unlimited."

FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

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SEE FIRST PAGE

REPORT DOCUMENTATION PAGE

2. Report Date: Feb 1987

3. Report Type and Dates Covered: Special Climatic Summary (LISOCS) Dec 43-Mar 86

4. Title: Limited Surface Observations Climatic Summaries for Avon Park, Florida, MSC 747960

7. Performing Organization Name and Address: Operating Location A, USAF Environmental Technical Applications Center (OL-A, USAFETAC), Federal Building, Asheville, NC 28801-2723

8. Performing Organization Report Number: USAFETAC/DS--91/167

12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.

13. Abstract: This report contains A Limited Surface Observations Climatic Summaries (LISOCS) for Avon Park, Florida. See USAFETAC/TN-83/001 (AD-132186) for a complete decription of the RUSSWO and its contents, as well as instructions for use.

14. Subject Terms: CLIMATOLOGY, WEATHER, WEATHER STATIONS, WEATHER OBSERVATIONS, STATISTICS, METEOROLOGICAL PHENOMENA, ATMOSPHERIC PHENOMENA, ATMOSPHERIC PRESSURE, PRECIPITATION, VISIBILITY, WIND, CLOUD, ~~CLOUD~~ cover CEILING, SKY COVER, ~~PSYCHROMETRIC DATA, TEMPERATURE,~~ RELATIVE HUMIDITY, AVON PARK, FLORIDA

15. Number of Pages: 396

17. Security Classification of Report: Unclassified

18. Security Classification of this Page: Unclassified

19. Security Classification of Abstract: Unclassified

20. Limitation of Abstract: UL

Standard Form 298

atmospheric temperature, atmospheric precipitation, and barometric pressure are included.

(A)

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-91/167, Limited Surface Observations Climatic Summaries (LISOCS) for Avon Park, Florida, has been reviewed and is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific and Technical Information
Program Manager

REPORT DOCUMENTATION PAGE

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15. Number of Pages: 396

17. Security Classification of Report: Unclassified

18. Security Classification of this Page: Unclassified

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Standard Form 298

All values within this Avon Park (RNG) FL Special Summary must be used with extreme caution. These summaries were derived from extremely limited hourly surface data--limited both in hours of operation and number of days per month. Additionally, our Quality Assurance of these hourly data gave insight to serious inconsistencies within the observations, especially at shift change times. The lack of the Summary of Day (SOD) data further limits this climatic summary. Due to the significant bias induced by the limited data, we recommend any distribtuion of these data be held to an absolute minimum.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCS)

USE WITH CAUTION
SEE FIRST PAGE

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.

2. A brief description preceeds each summary.

3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.

4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.

5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents:

AWS Form 2 "Station History"
Part 1: Weather Conditions
Part 2: Surface Winds
Part 3: Ceiling Versus Visibility; Sky Cover
Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

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

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
747960	AVON PARK RANGE FLORIDA AAF	N 27 39	W 081 20	68 FT	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	Feb 45	Sep 45	N 27 39	W 081 21	N/A	69 FT	12-20
2	Same	Same	Dec 64	Oct 67	N 27 38	W 081 20	66 FT	N/A	
3	Same	Same	Oct 67	Jun 68	N 27 38	W 081 20	65 FT	N/A	
4	Same	Same	Jul 68	Dec 75	N 27 38	W 081 20	75 FT	N/A	
5	Same	Same	Jan 76	Jan 76	N 27 39	W 081 20	78 FT	N/A	
6	Same	Same	Feb 76	Aug 86	N 27 39	W 081 20	68 FT	N/A	

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 station	GMQ-11	RO-2	17 FT	
2	Apr 69	Same	Same	Same	Same	
3	Nov 78	Same	Same	Same	Same	

CONTINUED ON REVERSE SIDE

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	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

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. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

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

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

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.

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747960 AVON PARK (RNG) FL 77-86 JAN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02							100.0	100.0			100.0	1
	03-05	.5	6.4				6.4	43.6	2.7			44.7	188
	06-08		5.7		.1		5.8	49.3	7.2			52.5	669
	09-11	.1	5.1				5.1	26.9	18.5			39.4	687
	12-14	.4	5.2				5.2	5.2	14.7			19.3	674
	15-17	.2	3.1				3.1	2.1	10.7			12.0	608
	18-20	.4	2.7				2.7	1.1	10.7			11.8	262
	21-23		3.4				3.4	8.0	11.4			14.8	88
TOTALS		.2	4.0		.0		4.0	29.5	22.0			36.8	3177

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

74796 J — STATION
AVON PARK (RNG) FL — STATION NAME
77-86 — 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							18.5	4.6			23.1	65
	03-05		4.5				4.5	50.5	5.5			52.5	200
	06-08	.5	3.8				3.8	53.8	8.5		.5	57.7	626
	09-11	.8	5.1				5.1	18.3	23.0		.5	37.6	651
	12-14	.8	5.3				5.3	3.7	14.4		.2	17.8	623
	15-17	.3	3.5				3.5	2.3	10.5			12.4	574
	18-20	.3	2.4				2.4	1.8	11.9			13.1	528
	21-23		1.1				1.1	6.2	12.9			19.1	178
TOTALS		.3	3.2				3.2	19.4	11.4		.2	29.2	3245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747960 AVON PARK (RNG) FL 77-86 MAR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		22.2				22.2	5.6	27.8			33.3	18
	03-05		2.8				2.8	45.0	6.9			47.7	218
	06-08	.9	3.9				3.9	49.3	11.4			52.4	696
	09-11	.6	4.0				4.0	12.5	15.7			23.8	726
	12-14	.7	3.7				3.7	1.6	7.2			8.4	699
	15-17	.2	4.2				4.2	2.0	4.5			6.2	646
	18-20	.5	3.6				3.6	1.6	4.1			5.8	365
	21-23	.7	3.5				3.5		4.9			4.9	144
TOTALS		.5	6.0				6.0	14.7	10.3			22.8	3512

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

747960 AVON PARK (RNG) FL 77-86 APR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02							28.9	2.6			31.6	38
	03-05	.4	4.6				4.6	37.6	5.1			40.5	237
	06-08		3.1				3.1	36.2	11.9			42.2	647
	09-11	.6	3.4				3.4	2.2	6.9			9.0	667
	12-14	.8	3.8				3.8	.3	2.1			2.4	656
	15-17	2.3	4.6				4.6	.3	.8			1.2	606
	18-20	.9	2.4				2.4	.6	2.1			2.7	330
	21-23		.8				.8	4.7	1.6			5.5	127
TOTALS		.6	2.8				2.8	13.9	4.1			16.9	3308

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747960 AVON PARK (RNG) FL 77-86 MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02							5.3	10.5			10.5	19
	03-05	.5	2.4				2.4	42.0	9.6			47.0	417
	06-08	.4	2.5				2.5	41.9	26.4			55.0	673
	09-11	1.0	2.5				2.5	2.4	13.6			15.0	667
	12-14	3.9	4.3				4.3	.3	6.5			6.8	644
	15-17	5.3	6.4				6.4		3.7			3.7	561
	18-20	7.4	8.0				8.0	1.4	.6			2.0	349
	21-23	1.4	2.2				2.2	2.2	2.2			4.3	139
TOTALS		2.5	3.5				3.5	11.9	9.1			18.0	3469

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747960 AVON PARK (RNG) FL 77-86 JUN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		3.1				3.1		12.5			12.5	32
	03-05	.2	1.2				1.2	44.6	14.1			51.2	426
	06-08	.3	1.6				1.6	36.5	19.0			44.9	679
	09-11	.9	2.6				2.6	1.2	10.9			11.6	681
	12-14	6.3	6.8				6.8	.3	7.6			7.7	662
	15-17	14.9	13.8				13.8	.5	8.5			9.0	565
	18-20	14.4	16.8				16.8	.3	5.9			6.2	340
	21-23	2.6	9.7				9.7	.6	7.8			8.4	154
TOTALS		5.0	7.0				7.0	10.5	10.8			18.9	3539

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

747960 — STATION
AVON PARK (RNG) FL — STATION NAME
77-86 — 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							6.3				6.3	16
	03-05	.5						29.2	9.6			33.7	407
	06-08							26.2	11.4			31.6	668
	09-11	.3	.6				.6	1.5	8.8			9.5	671
	12-14	9.4	7.2				7.2		8.1			8.1	652
	15-17	21.0	16.5				16.5		7.4			7.4	552
	18-20	15.7	14.7				14.7	2.3	6.2			7.7	389
	21-23	5.0	5.6				5.6	4.3	8.1			10.6	161
TOTALS		6.5	5.6				5.6	8.7	7.5			14.4	3516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

747960 AVON PARK (RNG) FL 77-86 AUG

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02								8.7			8.7	23
	03-05	.9	.9				.9	21.1	5.9			23.5	455
	06-08	.3	1.2				1.2	26.0	10.6			29.6	695
	09-11	.7	2.0				2.0	.4	3.7			3.9	697
	12-14	8.7	8.7				8.7		2.5			2.5	676
	15-17	19.2	13.1				13.1		2.8			2.8	573
	18-20	17.4	14.3				14.3	1.4	2.0			3.4	356
	21-23	1.9	3.8				3.8	.6	1.3			1.9	157
TOTALS		6.1	5.5				5.5	6.2	4.7			9.5	3632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747960 — STATION
AVON PARK (RNG) FL — STATION NAME
76-85 — 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		6.3				6.3	6.3				6.3	16
	03-05		1.7				1.7	36.7	9.0			39.0	354
	06-08		2.2				2.2	42.1	17.8			47.6	594
	09-11	.2	2.7				2.7	3.4	9.1			10.5	593
	12-14	5.2	8.4				8.4	1.0	7.3			8.2	574
	15-17	11.1	15.7				15.7	.7	7.5			8.2	451
	18-20	9.2	13.5				13.5	.8	3.6			4.4	251
	21-23	2.0	5.9				5.9	1.0	2.0			3.0	101
TOTALS		3.5	7.1				7.1	11.5	7.0			15.9	2934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

747960 — STATION
AVON PARK (RNG) FL — STATION NAME
76-85 — 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							64.7				64.7	17
	03-05		1.0				1.0	41.4	5.4			43.4	389
	06-08		.9				.9	43.4	9.3			46.5	654
	09-11	.3	1.8				1.8	5.0	10.4			13.7	665
	12-14	.3	3.6				3.6	.3	4.2			4.6	659
	15-17	1.6	5.0				5.0		2.1			2.1	580
	18-20	2.1	2.4				2.4	.9	3.4			4.3	328
	21-23		2.3				2.3	8.1	2.3			9.3	86
TOTALS		.5	2.1				2.1	20.5	4.6			23.6	3378

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747960 — STATION
AVON PARK (RNG) FL — STATION NAME
76-85 — 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							33.3				33.3	6
	03-05	.5	3.8				3.8	44.9	5.4			45.9	185
	06-08	.2	3.6				3.6	55.6	8.8			57.8	590
	09-11		3.1				3.1	12.6	13.6			23.6	618
	12-14	.2	5.7				5.7	2.3	7.0			8.8	611
	15-17	.7	7.4				7.4	2.0	4.8			6.7	538
	18-20	1.6	6.6				6.6	5.4	6.2			10.1	257
	21-23		1.2				1.2	8.3	1.2			9.5	84
TOTALS		.4	3.9				3.9	20.6	5.9			24.5	2889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747960 AVON PARK (RNG) FL 76-85 DEC

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02							40.0				40.0	10
	03-05	.6	10.3				10.3	51.6	2.6			51.6	155
	06-08	.3	6.7				6.7	51.0	7.2			53.1	612
	09-11		5.3				5.3	21.0	16.8			32.5	637
	12-14	.2	4.4				4.4	3.6	10.0			12.6	618
	15-17	.4	5.3				5.3	2.8	5.0			7.4	543
	18-20	.4	4.0				4.0	6.3	4.4			9.9	252
	21-23		1.4				1.4	10.8	2.7			13.5	74
TOTALS		.2	4.7				4.7	23.4	6.1			27.6	2901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

747960 AVON PARK (RNG) FL 76-86 ALL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	4.0		.0		4.0	29.5	22.0			36.8	3177
FEB		.3	3.2				3.2	19.4	11.4		.2	29.2	3245
MAR		.5	6.0				6.0	14.7	10.3			22.8	3512
APR		.6	2.8				2.8	13.9	4.1			16.9	3308
MAY		2.5	3.5				3.5	11.9	9.1			18.0	3469
JUN		5.0	7.0				7.0	10.5	10.8			18.9	3539
JUL		6.5	5.6				5.6	8.7	7.5			14.4	3516
AUG		6.1	5.5				5.5	6.2	4.7			9.5	3632
SEP		3.5	7.1				7.1	11.5	7.0			15.9	2934
OCT		.5	2.1				2.1	20.5	4.6			23.6	3378
NOV		.4	3.9				3.9	20.6	5.9			24.5	2889
DEC		.2	4.7				4.7	23.4	6.1			27.6	2901
TOTALS		2.2	4.6		.0		4.6	15.9	8.6		.0	21.5	39500

PART 2

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

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for 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.

These tables are prepared for all years combined, by month by available 3-hour groups.

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 82
MONTH: JAN HOURS(LST): 0300-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	100.0	//////
TOTALS												100.0	.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	11.2	12.8	6.4									30.3	4.5
NNE	.5	1.6										2.1	4.8
NE													
ENE		.5										.5	6.0
E	1.1		.5									1.6	5.0
ESE	.5	.5										1.1	4.0
SE	.5	.5										1.1	4.5
SSE		.5										.5	4.0
S	1.6		1.6		.5							3.7	7.6
SSW	.5	.5										1.1	3.5
SW		1.1										1.1	4.5
WSW	.5											.5	2.0
W	.5	.5	1.1									2.1	6.3
WNW	.5	.5										1.1	4.0
NW	1.1	1.1										2.1	2.8
NNW	1.6	6.9	1.6									10.1	4.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	41.0	//////
TOTALS	20.2	27.1	11.2		.5							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 188

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	10.9	10.2	5.1	.1								26.3	4.3
NNE	.6	1.6										2.2	4.3
NE	.4	.6										1.0	4.6
ENE	.1											.1	2.0
E	.3		.4									.7	5.4
ESE	.3	.1										.4	3.3
SE	.4	.1										.6	3.3
SSE	.4	.7	.3	.4								1.9	6.5
S	1.8	1.5	1.2	.1								4.6	4.9
SSW	.3	.4	.6	.1	.1							1.6	7.5
SW		.4	.4									.9	6.7
WSW	.7	.6	.1									1.5	3.7
W	.7	.3	.3									1.3	4.0
WNW	1.0	1.2	.3	.3								2.8	5.2
NW	.9	.3			.1							1.3	4.6
NNW	4.2	3.6	1.0	.3	.1							9.3	4.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	43.0	//////
TOTALS	23.3	21.8	9.9	1.5	.4							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 609

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.0	8.0	6.8	1.2								23.0	5.6
NNE	2.6	4.1	3.2	.3								10.2	5.6
NE	.7	1.3	.7									2.8	5.2
ENE	.6	.4	.4									1.5	4.8
E	.9	.7	.9	.4								2.9	6.5
ESE	.6	.3	.1									1.0	3.6
SE	.6	.1										.7	2.8
SSE	2.0	1.0	1.2	.3								4.5	4.9
S	2.2	3.6	3.9	1.5								11.2	6.7
SSW	.3	.3	1.6	.1								2.3	7.4
SW	.6	.4	1.0	.3								2.3	6.5
WSW	1.2	.3	.1									1.6	3.1
W	.9	.9	.9	.3								2.9	6.1
WNW	.9	.6	1.2	.4								3.1	6.7
NW	1.6	.6	1.7	.1								4.1	5.5
NNW	4.4	4.5	3.3	.3								12.5	4.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.4	//////
TOTALS	26.9	27.2	27.2	5.2								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	4.2	4.2	.4								10.5	6.1
NNE	1.9	2.7	2.5	.6								7.7	5.9
NE	.3	1.5	1.3	.7								3.9	7.3
ENE	.1	.9	1.5	.3								2.8	7.2
E	1.8	1.9	1.6	.3								5.6	5.4
ESE	1.5	.3	1.0	.3								3.1	5.3
SE	.6	.7		.1								1.5	4.7
SSE	1.2	.7	2.2	.4								4.6	6.7
S	1.3	2.4	4.0	2.2								9.9	8.1
SSW	1.2	1.0	1.5	.7								4.5	7.0
SW	.4	.9	1.3	.3	.1							3.1	7.4
WSW	.9	.4	1.2	.6								3.1	6.9
W	1.9	3.0	2.1	1.2	.1							8.3	6.5
WNW	1.9	2.2	2.5	.3								7.0	5.6
NW	1.9	2.7	1.9	.3								6.8	5.8
NNW	2.5	4.6	3.7	.6								11.4	5.8
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.9	4.1	3.0	.3								11.3	4.9
NNE	1.5	2.8	2.1	.7								7.1	6.0
NE	.5	1.3	1.0	.3								3.1	6.5
ENE	1.5	1.0	2.0	.5								4.9	6.3
E	1.3	1.3	2.0	.7								5.3	6.4
ESE	1.5	1.5	1.3									4.3	4.9
SE	.7	.7	.2									1.5	3.6
SSE	.5	1.5	2.1	.2								4.3	6.7
S	2.1	1.3	2.0		.2							5.6	5.5
SSW	1.5	1.3	.5	.5	.3							4.1	6.2
SW	.3	.5	1.3	.7	.2							3.0	8.8
WSW	.8	1.2	.8	.2								3.0	5.7
W	1.5	2.3	2.5	1.5								7.7	7.0
WNW	2.8	3.0	2.3	.3	.2							8.6	5.5
NW	1.8	2.6	2.3	.3								7.1	5.5
NNW	3.8	5.8	2.0	.7								12.2	5.0
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.3	3.8	.4									9.5	3.3
NNE	1.5	2.3	.4									4.2	4.5
NE	1.9	1.5										3.4	3.6
ENE	1.5	.8	.4									2.7	3.7
E	1.9	1.9										3.8	3.4
ESE	.4	1.5										1.9	4.0
SE	.4											.4	1.0
SSE	1.1	.8										1.9	3.0
S	1.1	1.1										2.3	3.7
SSW	.8	.8	.4	1.5								3.4	7.6
SW	.8	2.3	.8									3.8	5.2
WSW	1.1											1.1	1.7
W	4.6	3.4	1.5									9.5	4.0
WNW	4.2	1.5	2.3	.4								8.4	4.5
NW	1.9	.8		.8								3.4	4.6
NNW	1.5	1.9	.4									3.8	4.1
VARIABLE													
CALM	//////////											36.3	//////
TOTALS	30.2	24.4	6.5	2.7								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 262

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-79,81-86
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	5.7										6.8	4.8
NNE	5.7	1.1	1.1									8.0	3.3
NE	1.1	1.1										2.3	3.5
ENE	1.1	2.3										3.4	3.7
E	1.1	1.1										2.3	3.5
ESE	1.1											1.1	2.0
SE	2.3	1.1										3.4	3.0
SSE		1.1										1.1	4.0
S	2.3											2.3	3.0
SSW		2.3		2.3								4.5	9.3
SW	2.3	1.1	1.1									4.5	3.8
WSW		1.1										1.1	5.0
W	2.3	1.1										3.4	3.3
WNW	2.3	3.4	2.3									8.0	4.7
NW	1.1	2.3	2.3									5.7	5.4
NNW	1.1	3.4										4.5	4.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	37.5	//////
TOTALS	25.0	28.4	6.8	2.3								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 88

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790J STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.1	6.8	4.4	.4								17.7	5.0
NNE	1.7	2.6	1.7	.3								6.4	5.5
NE	.6	1.1	.6	.2								2.6	5.9
ENE	.6	.6	.8	.2								2.2	5.9
E	1.1	1.0	1.0	.3								3.5	5.7
ESE	.9	.6	.5	.1								2.0	4.7
SE	.6	.4	.0	.0								1.1	3.7
SSE	1.0	.9	1.2	.3								3.4	6.0
S	1.8	2.0	2.4	.8	.1							7.1	6.6
SSW	.8	.9	.9	.5	.1							3.1	7.0
SW	.4	.8	.9	.3	.1							2.4	6.9
WSW	.9	.5	.5	.2								2.0	5.1
W	1.5	1.7	1.4	.6	.0							5.2	6.0
WNW	1.8	1.7	1.5	.3	.0							5.4	5.5
NW	1.5	1.4	1.3	.2	.0							4.5	5.4
NNW	3.3	4.5	2.2	.4	.0							10.5	5.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 50-83,86
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	10.8	3.1										13.8	3.0
NNE	1.5	1.5										3.1	3.5
NE													
ENE	3.1											3.1	1.5
E	1.5	1.5										3.1	2.5
ESE													
SE	3.1											3.1	2.0
SSE	1.5											1.5	2.0
S	1.5			1.5								3.1	7.0
SSW	4.6											4.6	2.3
SW	1.5											1.5	3.0
WSW	1.5											1.5	2.0
W	1.5											1.5	2.0
WNW	3.1	1.5										4.6	2.7
NW	4.6	1.5										6.2	3.3
NNW	6.2	3.1	1.5									10.8	4.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	11.5	9.5	3.5									24.5	4.1
NNE	3.5	2.0	1.0									6.5	4.1
NE	.5											.5	2.0
ENE	1.0											1.0	1.0
E	.5											.5	3.0
ESE	1.0											1.0	2.5
SE													
SSE													
S	4.0	.5	1.5	.5								6.5	4.8
SSW		1.5										1.5	4.7
SW	1.0	.5										1.5	3.3
WSW	2.0	1.0										3.0	3.0
W	1.5	1.5	.5									3.5	4.0
WNW	1.5		.5									2.0	3.0
NW	3.0		2.0									5.0	4.1
NNW	4.0	3.5	.5									8.0	3.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.0	//////
TOTALS	35.0	20.0	9.5	.5								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-85
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	10.9	6.7	3.7	.3								21.6	4.0
NNE	2.7	1.8	.5	.2								5.1	3.8
NE	1.1	.5	.2									1.8	3.4
ENE	.6											.6	2.5
E	1.8	.2										1.9	2.2
ESE	.6	.2	.2									1.0	3.2
SE	.5	.6										1.1	4.0
SSE	.6	.3	.6	.2								1.8	5.7
S	3.5	1.3	1.1	.2								6.1	4.3
SSW	.8	.6	.5	.2								2.1	4.8
SW	.3	.3	.2	.2								1.0	5.7
WSW	.8	1.3										2.1	3.8
W	2.1	1.3	.6									4.0	4.2
WNW	1.0	.3	1.0	.2								2.4	5.5
NW	.5	.2	.5									1.1	5.0
NNW	2.2	2.7	1.8	.2								6.9	5.2
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	39.6	//////
TOTALS	30.0	18.2	10.7	1.4								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 626

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	7.2	7.2	1.4								19.5	6.2
NNE	2.0	5.5	4.1									11.7	5.9
NE	1.1	1.4	1.4									3.8	5.2
ENE	1.1	1.1	.8	.2								3.1	5.4
E	.6	1.1	.6									2.3	5.4
ESE	.6	1.1	.5	.2								2.3	5.2
SE	.3	.2	.6	.3								1.4	7.2
SSE	.8	2.2	2.6	1.4	.2							7.1	7.8
S	.9	2.0	3.4	2.2								8.4	8.0
SSW	.9	1.2	.6	.3	.2							3.2	6.1
SW	.3	2.0	.6	.5								3.4	6.3
WSW	.9	.8	1.1	.5								3.2	6.5
W	.6	1.1	1.4	.3								3.4	6.5
WNW	.9	1.1	.6	.2								2.8	5.3
NW	.9	1.7	2.9	.5								6.0	6.8
NNW	1.4	2.9	4.1	.5								8.9	6.5
VARIABLE													
CALM	//////////											9.5	//////
TOTALS	17.1	32.4	32.6	8.1	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-85
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	3.7	5.8	.8								12.0	6.7
NNE	1.4	2.9	3.5	.5								8.3	6.4
NE	1.0	1.8	1.8	.3	.3							5.1	6.8
ENE	.6	2.1	1.1	.3								4.2	6.2
E	.6	2.1	1.0	.5								4.2	6.0
ESE	1.3	1.1	.8	.3								3.5	5.5
SE	.3	1.0	.3									1.6	4.7
SSE	.5	1.4	1.6	2.1	.2							5.8	9.5
S	.8	2.1	3.0	2.9	.2							9.0	8.8
SSW	.8	1.3	2.1	.5								4.7	7.0
SW	.6	1.1	1.3	1.4								4.5	8.4
WSW	.8	.8	1.3	.8								3.7	7.8
W	1.3	2.1	2.9	1.0		.2						7.4	7.5
WNW	.3	2.6	1.8	1.3								5.9	7.6
NW	1.0	2.2	2.7	.6								6.6	7.0
NNW	1.3	5.6	4.3	.5	.2							11.9	6.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.3	6.3	3.7	.3								13.6	5.3
NNE	.9	3.8	2.3	.7								7.7	6.3
NE	.3	1.6	1.2	1.0								4.2	7.6
ENE	.5	1.7	1.7	.5								4.5	6.8
E	.9	1.2	1.4	.5								4.0	6.7
ESE	1.4	1.7	1.2									4.4	4.8
SE		.2										.2	5.0
SSE	.3	1.2	.9	1.0	.2							3.7	8.5
S	1.0	3.0	4.0	.7								8.7	6.8
SSW	.7	1.0	1.4	.2								3.3	6.4
SW	.2	1.9	1.0	1.2								4.4	7.6
WSW	.5	1.6	1.7	.5								4.4	7.0
W	.9	3.5	2.1	1.2								7.7	6.9
WNW	.9	3.8	2.1	1.2								8.0	6.7
NW	2.4	2.8	2.3	.2								7.7	5.5
NNW	1.6	6.4	2.3	.7								11.0	5.7
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	2.1	2.1									8.0	4.5
NNE	3.1	.9	1.8	.9								6.7	5.5
NE	.6	1.5	1.5	.3								4.0	6.5
ENE	2.4	1.5	.9									4.9	3.8
E	2.1	3.7	.6									6.4	4.2
ESE	.9	.3										1.2	3.5
SE		.3	.3									.6	7.0
SSE	.9	.3	1.8									3.1	6.0
S	2.4	.9	.9	.3								4.6	4.3
SSW	.9	.6	.3	.3								2.1	5.4
SW	.9	2.8	.3									4.0	4.0
WSW	1.2	2.4	.9	.3								4.9	5.4
W	4.3	3.1	1.8	.3								9.5	4.7
WNW	4.6	2.9	1.8									9.2	4.2
NW	1.8	2.1	.9									4.9	4.4
NNW	1.8	.3	.3									2.4	3.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-84,86
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.5	1.1										5.6	2.6
NNE	5.1	2.2										7.3	2.9
NE	4.5	2.2										6.7	2.9
ENE	2.8	.6										3.4	2.3
E	2.2											2.2	2.0
ESE	1.1											1.1	1.0
SE	.6	.6										1.1	2.5
SSE	1.1		.6	1.1								2.8	7.0
S	1.7	.6	.6	.6								3.4	5.3
SSW	1.7		.6									2.2	3.0
SW	1.1	.6										1.7	2.7
WSW	2.8	1.7										4.5	2.6
W	8.4	1.1										9.6	2.2
WNW	5.1	1.7	.6									7.3	2.8
NW	2.2		.6									2.8	3.0
NNW	1.1	3.4	.6									5.1	4.2
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.3	5.5	4.3	.6								15.7	5.1
NNE	2.2	3.1	2.3	.3								7.8	5.5
NE	1.0	1.3	1.0	.3	.1							3.6	5.8
ENE	1.1	1.1	.8	.2								3.1	5.2
E	1.1	1.3	.6	.2								3.2	5.0
ESE	1.0	.8	.5	.1								2.3	4.7
SE	.3	.4	.2	.1								1.0	5.1
SSE	.6	1.0	1.3	1.0	.1							4.0	8.0
S	1.8	1.7	2.4	1.3	.0							7.2	6.8
SSW	.9	1.0	.9	.2	.0							3.1	5.9
SW	.5	1.4	.6	.6								3.1	6.6
WSW	1.0	1.2	.9	.4								3.5	5.9
W	1.9	1.9	1.5	.5		.0						5.9	5.8
WNW	1.5	1.8	1.3	.5								5.1	5.7
NW	1.5	1.5	1.8	.2								5.1	5.8
NNW	1.8	3.8	2.5	.3	.0							8.6	5.7
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	17.5	//////
TOTALS	23.6	28.9	23.0	6.8	.2	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 3244

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790D STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77,80-82
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N			5.6									5.6	8.0
NNE													
NE	11.1											11.1	2.0
ENE	5.6											5.6	2.0
E													
ESE	5.6											5.6	2.0
SE													
SSE													
S	5.6											5.6	1.0
SSW													
SW			5.6									5.6	7.0
WSW													
W	5.6											5.6	2.0
WNW													
NW													
NNW													
VARIABLE													
CALM	//////////											55.6	//////
TOTALS	33.3		11.1									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS: 18

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	8.3	4.6	1.4	.5								14.7	3.7
NNE	3.7	.9										4.6	2.7
NE	.9	.9										1.8	3.0
ENE			.5									.5	8.0
E	.9			.5								1.4	5.7
ESE	.5	.5	.5									1.4	4.7
SE	.5											.5	2.0
SSE	1.4	1.8	.5	.5								4.1	5.4
S	2.3	1.4		1.4								5.0	5.9
SSW	2.8	.5	.5	.5								4.1	4.3
SW	1.8											1.8	2.3
WSW	.5	.9										1.4	4.3
W	2.3	.5	.5									3.2	3.1
WNW	1.4	1.4										2.8	3.5
NW	.9	.9										1.8	2.8
NNW	2.8	1.8										4.6	3.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796J STATION NAME: AVON PARK (RNG) FL - PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	10.1	6.3	2.3	.4								19.1	4.1
NNE	2.7	1.6	.3									4.6	3.4
NE	1.3	1.1	.6	.1								3.2	4.7
ENE	1.0	.4	.1	.3								1.9	4.6
E	.6	.7										1.3	3.4
ESE	.7	.4	.1									1.3	3.6
SE	.6	.6	.1									1.3	4.1
SSE	1.4	1.6	.7									3.7	4.7
S	3.7	3.4	1.7	.1								9.1	4.5
SSW	1.0	1.1	.6	.6								3.3	5.8
SW	.6	.7	.3	.3								1.9	6.0
WSW	1.0	.7	.6									2.3	4.4
W	1.6	1.1	.6	.1								3.4	4.3
WNW	1.0	.9	.9									2.7	5.0
NW	.7	.3	.3									1.3	4.1
NNW	2.3	1.7	.7	.1								4.9	4.2
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	34.8	//////
TOTALS	30.3	22.8	9.9	2.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	3.3	4.8	1.8								10.7	7.0
NNE	.6	2.3	3.6	.6								7.0	7.0
NE	1.1	1.2	1.2	.1								3.7	5.3
ENE	1.2	1.4	3.0	1.2								6.9	7.3
E	1.4	1.7	2.2	.6								5.8	6.2
ESE	.7	1.8	1.7	.6								4.7	6.7
SE	.7	.7	1.0	.1								2.5	5.6
SSE	1.1	1.4	3.4	2.3	.3							8.5	8.4
S	1.7	2.6	5.0	3.0								12.3	8.1
SSW	1.1	1.4	1.9	.3								4.7	6.1
SW	.7	1.7	2.1	1.4								5.8	7.7
WSW	.8	.8	1.1	.1								2.9	5.9
W	1.0	.4	1.5	.3								3.2	6.3
WNW	.3	1.1	1.1	.8								3.3	7.7
NW	1.1	1.4	1.0	.3								3.7	5.3
NNW	1.5	3.4	2.3	.7								9.0	5.8
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-80
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	2.3	2.7	.6								6.6	6.6
NNE	1.3	2.3	2.1	.4								5.9	6.5
NE	.7	1.4	1.1	.6								3.9	6.9
ENE	1.0	1.6	1.9	1.3								5.7	7.2
E	.7	1.3	2.4	.9								5.3	7.4
ESE	1.6	1.0	2.4	.4								5.4	6.4
SE	.7	.4	1.1									2.3	5.3
SSE	.4	2.3	3.4	1.4	.1							7.7	8.0
S	1.7	2.7	6.4	3.1	.1							14.2	8.1
SSW	.6	1.9	1.9	.3								4.6	6.9
SW	.3	1.1	2.3	.4	.1							4.3	8.2
WSW	.7	1.9	2.7	.9								6.2	7.8
W	1.1	1.7	2.4	.9								6.2	7.5
WNW	1.9	1.6	1.1	1.0								5.6	6.1
NW	.6	1.7	.9	.9								4.0	7.3
NNW	1.6	3.7	3.0	.1								8.4	5.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	1.9	2.2	.3								6.3	5.7
NNE	1.2	2.0	1.5	.5								5.3	6.2
NE	1.1	1.4	2.3	.3								5.1	6.8
ENE	.8	2.2	2.9	1.2								7.1	7.5
E	1.7	2.2	2.5	1.1								7.4	6.7
ESE	1.1	1.4	1.2	.8								4.5	6.6
SE	.8	.5	.9	.2								2.3	6.0
SSE	.9	1.5	2.8	1.2								6.5	7.4
S	1.9	2.9	5.4	.8								11.0	6.9
SSW	.9	1.5	1.7	.2								4.3	6.3
SW	.8	.8	1.9	.3								3.7	7.0
WSW	.6	2.2	1.1	.9								4.8	6.9
W	2.3	1.1	3.6	1.5	.2							8.7	7.3
WNW	3.4	1.5	2.8	.8								8.5	5.9
NW	1.4	1.5	.9	.5								4.3	5.6
NNW	1.7	3.4	1.7	.2								7.0	5.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	1.4	.3									4.1	3.3
NNE	.5	.8	.3									1.6	4.5
NE	.8	5.8	2.2	.3								9.0	5.8
ENE	1.6	4.7	2.5									8.8	5.5
E	3.3	5.2	1.4									9.9	4.4
ESE	1.4	1.6	2.5									5.5	6.0
SE	.5	.8	.3									1.6	4.3
SSE	.5	1.4	3.0	.6								5.8	7.6
S	1.6	1.6	2.7									6.0	5.4
SSW	.5	.5	.3									1.4	3.8
SW	1.1	.5	.3									1.9	3.6
WSW	2.2	1.6	1.4									5.2	4.4
W	3.0	3.0	1.4									7.4	4.0
WNW	3.6	3.3	2.7									9.6	4.8
NW	1.4	.3										1.6	2.8
NNW	.8	.8	.5									2.2	4.8
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	.7										2.1	2.3
NNE	2.8	2.1										4.9	3.4
NE	4.9	3.5										8.3	3.3
ENE	4.2	.7										4.9	2.3
E	3.5	1.4										4.9	2.3
ESE	7.6	1.4										9.0	2.4
SE	1.4	.7										2.1	3.0
SSE		1.4	2.8									4.2	6.8
S	1.4	3.5										4.9	3.9
SSW	.7	1.4										2.1	3.7
SW	.7	.7	1.4									2.8	5.0
WSW	2.8		.7									3.5	3.2
W	5.6	2.1										7.6	2.8
WNW	3.5	2.1										5.6	3.3
NW	1.4	2.1										3.5	3.6
NNW		.7	1.4									2.1	8.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	3.2	2.4	.7								9.9	5.2
NNE	1.5	1.9	1.5	.3								5.2	5.7
NE	1.2	1.8	1.3	.3								4.6	5.6
ENE	1.2	1.6	1.9	.8								5.4	6.6
E	1.4	1.7	1.5	.5								5.2	5.9
ESE	1.3	1.2	1.4	.3								4.2	5.9
SE	.7	.5	.7	.1								1.9	5.1
SSE	.9	1.7	2.5	1.1	.1							6.3	7.4
S	2.2	2.7	3.9	1.5	.0							10.3	6.9
SSW	1.0	1.3	1.3	.3								3.8	6.0
SW	.7	.9	1.4	.5	.0							3.6	7.0
WSW	1.0	1.3	1.3	.4								3.9	6.2
W	1.9	1.3	1.7	.5	.0							5.5	5.9
WNW	1.9	1.5	1.4	.5								5.3	5.7
NW	1.0	1.1	.6	.3								3.0	5.5
NNW	1.7	2.6	1.7	.2								6.2	5.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.7	//////
TOTALS	23.1	26.4	26.3	8.3	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 3512

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 79,81-82
MONTH: APR HOURS(LST): 0300-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.9	2.6										10.5	2.3
NNE	2.6											2.6	2.0
NE	2.6											2.6	2.0
ENE													
E													
ESE													
SE													
SSE	2.6											2.6	3.0
S		5.3										5.3	4.5
SSW		5.3										5.3	5.5
SW		2.6										2.6	6.0
WSW	5.3											5.3	2.0
W	10.5											10.5	1.5
WNW	2.6											2.6	1.0
NW													
NNW													
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0300-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.6	4.2										11.8	3.1
NNE	3.4	1.7	.4									5.5	3.5
NE	.8	1.7										2.5	3.3
ENE													
E	1.7	.8										2.5	2.5
ESE		.8										.8	4.5
SE													
SSE	.8	.8	.4									2.1	3.8
S	.8	.8	.4									2.1	4.2
SSW	.8		.4									1.3	3.3
SW		2.1										2.1	4.6
WSW	3.0	.4										3.4	2.1
W	1.3											1.3	1.7
WNW	1.7	.4										2.1	2.6
NW	.8		.4									1.3	5.0
NNW	3.0	1.3										4.2	3.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.3	4.2	1.7	.2								12.4	3.9
NNE	3.7	2.2	1.1									6.5	4.0
NE	1.4	1.1		.2								2.6	3.5
ENE	2.0	1.5	.3									3.9	3.7
E	2.0	1.7	.2									3.9	3.2
ESE	.6	1.1										1.7	3.9
SE	.9	.3										1.2	2.8
SSE	1.2	.9	.2									2.3	3.7
S	2.8	1.7	1.2	.2								5.9	4.7
SSW	1.1	.6	.9	.2								2.8	5.0
SW	.5	.2	.9									1.5	5.6
WSW	1.2	.8	.2									2.2	3.4
W	1.7	1.2										2.9	3.1
WNW	1.9	.2	.2									2.2	3.0
NW	.9	.3	.2									1.4	3.4
NNW	2.6	2.8	.6									6.0	4.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	40.6	//////
TOTALS	30.4	20.7	7.6	.6								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	3.4	2.7	.4								7.8	6.1
NNE	1.0	1.3	1.9	1.2								5.5	7.4
NE	1.0	2.1	1.9	.3								5.4	6.4
ENE	1.0	2.4	2.7	1.5								7.6	7.4
E	1.3	4.0	3.3	.4								9.1	6.1
ESE	.6	1.6	3.4	.4								6.1	7.2
SE	1.0	1.3	.7									3.1	4.9
SSE	1.0	1.2	1.5	1.2								4.9	7.2
S	3.3	4.5	3.0	4.6	.1							15.6	7.4
SSW	1.2	2.4	.9	.6								5.1	5.8
SW	.9	.6	.9	.4	.3							3.1	7.9
WSW	.9	1.2	1.5		.1							3.7	6.3
W	1.2	2.1	.9									4.2	4.9
WNW	1.3	1.5	.3	.1								3.3	4.4
NW	.7	1.8	.6									3.1	4.9
NNW	2.1	3.1	1.9									7.2	5.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	2.0	2.3									4.9	6.2
NNE	.9	1.2	1.8	.3								4.1	6.7
NE	.3	1.1	2.9	1.2								5.5	8.3
ENE	1.4	1.7	3.2	1.5	.3							8.1	7.9
E	1.2	3.2	3.8	.6	.3							9.1	7.1
ESE	.8	2.0	2.1	.9								5.8	7.0
SE	.5	.8	1.2	.3								2.7	6.8
SSE	1.7	2.0	2.3	.6	.2							6.7	6.3
S	3.4	3.7	5.2	1.5								13.7	6.6
SSW	1.7	.8	.3	.6								3.4	5.2
SW	.6	1.4	1.2	.5								3.7	6.5
WSW	1.5	2.0	2.1	.2	.2							5.9	6.3
W	1.8	2.4	2.7	.2								7.2	5.9
WNW	1.1	2.3	2.7	.3								6.4	6.3
NW	.3	1.4	.8	.2								2.6	6.1
NNW	1.7	3.8	2.1									7.6	5.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.6	//////
TOTALS	19.2	31.6	36.9	8.8	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 656

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	3.1	.8									4.8	5.0
NNE	.5	2.1	1.5									4.1	5.8
NE	.7	2.0	3.1	.5								6.3	7.3
ENE	1.7	1.3	3.5	2.8								9.2	8.5
E	.8	3.0	4.3	1.8								9.9	7.6
ESE	1.0	2.0	2.5									5.4	6.2
SE	.5	1.0	1.7									3.1	6.2
SSE	1.3	2.0	1.7	.7								5.6	6.1
S	3.1	3.3	4.0	.5								10.9	5.9
SSW	1.3	1.0	.2	.5	.2							3.1	5.9
SW	.8	1.2	.7	.5								3.1	6.4
WSW	1.2	1.3	2.8	.3								5.6	6.7
W	1.0	4.3	2.8	.3								8.4	6.3
WNW	3.1	3.3	2.8	.5								9.7	5.3
NW	1.5	.3	.7	.2								2.6	4.4
NNW	1.2	2.1	1.2	.2								4.6	5.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.6	.6									1.8	4.8
NNE	.3	.6	.6									1.5	5.2
NE	1.8	3.3	2.7									7.9	5.5
ENE	3.0	7.3	3.3	1.5								15.2	5.8
E	3.3	6.4	2.1	.3								12.1	5.0
ESE	.3	1.5	1.8									3.6	6.5
SE		.6										.6	5.0
SSE	2.1	.6	.6									3.3	3.6
S	3.3	.9	.9									5.2	3.9
SSW	.3											.3	3.0
SW	1.5	.9	1.5	.3								4.2	5.9
WSW	.6	.9	.9	.3								2.7	6.0
W	3.6	3.0	.9									7.6	3.9
WNW	5.5	10.3	1.8									17.6	4.3
NW	1.5	.6	.3									2.4	3.3
NNW	.9	.3										1.2	2.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	12.7	//////
TOTALS	28.8	37.9	18.2	2.4								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77,79-86
MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		3.1										3.1	4.8
NNE	6.3	3.1	.8									10.2	3.3
NE	3.1	2.4										5.5	3.0
ENE	12.6	1.6										14.2	2.2
E	6.3	1.6										7.9	2.4
ESE	.8	.8										1.6	2.5
SE		2.4										2.4	5.0
SSE													
S	.8											.8	2.0
SSW	.8	1.6										2.4	3.3
SW	.8	.8	2.4									3.9	5.6
WSW	2.4											2.4	2.0
W	3.9	2.4										6.3	2.9
WNW	3.1	4.7										7.9	3.5
NW	3.1	.8										3.9	2.8
NNW	.8	3.1										3.9	4.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	23.6	//////
TOTALS	44.9	28.3	3.1									100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 127

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	3.0	1.5	.1								7.1	4.7
NNE	1.6	1.6	1.4	.3								4.9	5.4
NE	1.1	1.8	1.8	.4								5.0	6.3
ENE	2.0	2.1	2.2	1.3	.1							7.6	6.7
E	1.8	3.1	2.4	.6	.1							7.9	6.0
ESE	.6	1.5	1.8	.3								4.2	6.5
SE	.6	.8	.7	.1								2.1	5.5
SSE	1.3	1.3	1.2	.5	.0							4.3	5.9
S	2.9	2.8	2.7	1.4	.0							9.8	6.3
SSW	1.1	1.1	.5	.4	.0							3.1	5.4
SW	.7	.9	1.0	.3	.1							3.0	6.4
WSW	1.4	1.1	1.4	.1	.1							4.1	5.7
W	1.8	2.3	1.3	.1								5.6	5.0
WNW	2.2	2.6	1.3	.2								6.4	4.8
NW	1.0	.8	.5	.1								2.4	4.6
NNW	1.8	2.6	1.1	.0								5.6	4.7
VARIABLE													
CALM	//////////											16.9	//////
TOTALS	24.4	29.6	22.8	6.0	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 3368

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-82
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE	5.3											5.3	1.0
ENE		5.3										5.3	5.0
E													
ESE													
SE													
SSE													
S	15.8											15.8	2.0
SSW	5.3											5.3	1.0
SW													
WSW													
W													
WNW	5.3											5.3	2.0
NW													
NNW		15.8										15.8	5.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.0	1.0										7.9	2.2
NNE	1.7	.5	.5									2.6	3.7
NE	2.4	.5										2.9	2.4
ENE	1.0											1.0	2.0
E	1.9	.5										2.4	2.4
ESE	.5											.5	2.0
SE	.7	.5										1.2	3.0
SSE	1.0	.2										1.2	2.8
S	3.1	1.9										5.0	3.0
SSW	2.6	.2										2.9	1.9
SW	1.9											1.9	2.1
WSW	1.2											1.2	1.8
W	1.4	.2										1.7	2.4
WNW	1.0											1.0	2.0
NW	1.0											1.0	1.8
NNW	2.2	1.2										3.4	2.9
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.3	1.9	.1	.1								7.6	2.9
NNE	3.3	2.2	.6									6.1	3.6
NE	2.8	1.3	.1									4.3	3.1
ENE	2.2	1.8	.3									4.3	3.5
E	2.4	2.2	.1									4.8	3.2
ESE	2.1	.4	.1									2.7	3.0
SE	.9	1.0	.6									2.5	4.2
SSE	1.8	.7	.1	.1								2.8	3.4
S	3.7	2.7	1.0	.4								7.9	4.3
SSW	1.5	.9	.3									2.7	3.3
SW	.7	.4										1.2	2.9
WSW	2.2	.4										2.7	2.2
W	2.4	.4										2.8	2.5
WNW	1.2	.6	.3									2.1	3.5
NW	.7	.4										1.2	3.4
NNW	1.3	1.0	.1									2.5	3.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	41.9	//////
TOTALS	34.6	18.7	4.0	.7								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	1.5	.7									3.7	4.4
NNE	1.0	1.8	1.3	.6								4.8	6.2
NE	1.6	1.0	2.8	1.0								6.6	6.9
ENE	1.3	3.7	2.8	.6								8.5	6.0
E	1.8	4.5	3.6	.4								10.3	6.0
ESE	1.3	3.0	1.3									5.7	4.9
SE	.7	.9	.6									2.2	4.7
SSE	3.6	2.2	2.7	.4								9.0	5.2
S	4.0	5.7	6.1	.4								16.3	5.8
SSW	1.0	2.7	1.5	.3								5.5	6.0
SW	.4	1.0	1.6	.1								3.3	6.5
WSW	1.9	1.6	.1									3.7	3.8
W	1.6	.9	.6									3.1	3.8
WNW	1.6	2.2	.9									4.6	4.7
NW	1.8	.7	.3									2.8	3.6
NNW	1.0	3.1	.7									4.9	4.8
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.8	1.6									5.7	5.0
NNE	.8	1.4	1.4	.3								3.9	6.5
NE	.3	2.5	3.4	1.2	.3							7.8	8.2
ENE	1.6	2.6	4.0	.6								8.9	6.7
E	1.6	4.7	4.8	.6								11.6	6.4
ESE	1.9	2.0	3.0	.2								7.0	5.5
SE	.6	.9	.5									2.0	4.8
SSE	2.0	2.0	1.4									5.4	4.7
S	3.1	4.0	4.5	.5	.2							12.3	6.1
SSW	.6	2.0	.8	.3	.2							3.9	6.1
SW	.9	2.0	.9	.3								4.2	5.8
WSW	1.1	3.3	1.9	.2								6.4	5.4
W	1.1	2.3	.9									4.3	5.1
WNW	1.4	1.4	1.2									4.0	5.0
NW	.9	1.1	.3	.3								2.6	5.2
NNW	2.0	3.0	1.4									6.4	4.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.5	.9	.2								5.0	5.0
NNE	1.1	1.6		.4		.2						3.2	5.9
NE	.5	2.0	2.7	2.1	.2							7.5	8.8
ENE	.5	3.9	6.6	1.2			.2					12.5	7.7
E	1.8	4.5	8.6	1.8								16.6	7.3
ESE	.7	3.6	3.2	.7	.2							8.4	6.9
SE	.9	.9	.4	.2								2.3	4.5
SSE	.9	.9	1.4									3.2	5.9
S	3.4	4.1	1.6	.7	.2							10.0	5.3
SSW	1.1	2.3	.7									4.1	5.0
SW	.5	.9	.7									2.1	5.4
WSW	.7	2.3	.9	.2								4.1	5.7
W	2.0	2.3	1.8	.4								6.4	5.3
WNW	1.1	1.6	1.4									4.1	5.4
NW	1.6	.9	.5									3.0	3.6
NNW	1.4	1.8	.4									3.6	4.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.9	//////
TOTALS	19.6	36.0	31.7	7.8	.5	.2	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 561

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3											2.3	2.0
NNE	.6		.3									.9	4.3
NE	3.2	4.3	2.3	.6								10.3	5.2
ENE	6.0	4.6	5.2	.9								16.6	5.4
E	6.3	9.5	7.7	.3								23.6	5.3
ESE	2.0	2.9	2.9									7.7	5.4
SE	1.4	1.4	.3									3.2	3.5
SSE	1.7	.3	.3									2.3	3.3
S	2.3	1.4	.3									4.0	3.2
SSW	1.7	1.7	.9									4.3	4.3
SW	1.7	1.7	.6									4.0	4.2
WSW	.9	.3	.3									1.4	3.8
W	1.7	.3	1.1									3.2	4.5
WNW	2.6	2.0	.3									4.9	3.6
NW	.3	.3										.6	3.0
NNW	.3	.6	.3									1.1	5.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.5	//////
TOTALS	35.0	31.2	22.6	1.7								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	5.0	.7										5.8	2.0
NNE	1.4											1.4	1.5
NE	4.3	4.3										8.6	3.6
ENE	7.2	.7	.7									8.6	2.9
E	9.4	2.9										12.2	2.6
ESE	3.6	1.4										5.0	2.6
SE	2.9											2.9	2.3
SSE	2.2	1.4										3.6	3.2
S	6.5	1.4										7.9	2.4
SSW	2.2	.7										2.9	2.5
SW	1.4											1.4	2.0
WSW	1.4											1.4	1.5
W	2.2	.7	.7									3.6	3.6
WNW	.7	.7										1.4	2.5
NW	.7											.7	1.0
NNW	1.4											1.4	1.5
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.1	1.7	.6	.1								5.5	3.6
NNE	1.5	1.4	.7	.2		.0						3.8	5.1
NE	1.8	1.9	1.9	.8	.1							6.5	6.3
ENE	2.1	2.7	3.0	.5			.0					8.3	6.0
E	2.6	4.0	3.8	.5								10.9	5.8
ESE	1.5	2.0	1.6	.1	.0							5.3	5.3
SE	.9	.9	.4	.0								2.2	4.2
SSE	1.9	1.2	1.1	.1								4.3	4.7
S	3.6	3.5	2.5	.4	.1							10.0	5.1
SSW	1.4	1.7	.7	.1	.0							3.9	4.8
SW	1.0	1.0	.7	.1								2.7	5.0
WSW	1.4	1.4	.5	.1								3.4	4.4
W	1.7	1.2	.7	.1								3.7	4.3
WNW	1.4	1.3	.7									3.4	4.5
NW	1.1	.6	.2	.1								2.0	3.8
NNW	1.4	1.9	.5									3.9	4.2
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-79,81-82
MONTH: JUN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE	6.3											6.3	1.5
ENE	6.3											6.3	2.0
E	9.4											9.4	1.3
ESE	3.1											3.1	1.0
SE													
SSE		3.1										3.1	5.0
S	6.3											6.3	1.5
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.1	.9										4.0	2.2
NNE	2.3	1.9	.5									4.7	3.5
NE	.9	.7										1.6	3.1
ENE	.2											.2	1.0
E	1.2											1.2	1.6
ESE	.9											.9	1.5
SE	.2											.2	3.0
SSE	.5											.5	1.0
S	2.1	.5										2.6	2.1
SSW	2.1											2.1	2.0
SW	.5											.5	1.0
WSW	2.1	.5	.2									2.8	2.7
W	1.4											1.4	1.7
WNW	.2											.2	1.0
NW			.2									.2	9.0
NNW	.7	.2	.2									1.2	3.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	75.6	//////
TOTALS	18.5	4.7	1.2									100.0	.6

TOTAL NUMBER OF OBSERVATIONS: 426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.0	1.0	.3									5.3	2.8
NNE	3.2	1.8	.6									5.6	3.6
NE	1.3	.4	.4									2.2	3.7
ENE	2.2	1.3		.1								3.7	3.2
E	2.7	.9										3.5	2.9
ESE	2.1	.6										2.7	2.5
SE	1.2	.1										1.3	2.0
SSE	1.5	.7										2.2	2.7
S	6.3	1.5	.1									8.0	2.7
SSW	1.8	1.5										3.2	3.0
SW	2.4	.1										2.5	2.1
WSW	3.7	.6	.3									4.6	2.4
W	1.8	.1										1.9	1.8
WNW	.7	.6	.1									1.5	3.5
NW	.4	.3	.1									.9	4.2
NNW	1.2	.1										1.3	2.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	1.2	.3									4.4	2.9
NNE	2.6	1.8	.4									4.8	3.7
NE	.9	1.3	1.0	.1								3.4	5.3
ENE	1.9	1.9	1.2	.3								5.3	4.8
E	2.5	3.7	1.9	.1								8.2	4.9
ESE	1.8	1.5	.4									3.7	3.8
SE	1.5	.6										2.1	3.1
SSE	1.9	1.8	1.2	.1								5.0	5.0
S	4.4	6.0	2.6	.1	.1							13.4	5.0
SSW	3.5	1.9	.4	.1	.1							6.2	4.0
SW	1.8	1.8	.3									3.8	3.8
WSW	2.6	3.2	1.2									7.0	4.2
W	3.2	1.8	.3									5.3	3.5
WNW	3.1	1.9	.1									5.1	3.2
NW	1.0	.9	.3									2.2	4.3
NNW	2.5	1.8	.7									5.0	4.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.1	//////
TOTALS	38.2	32.9	12.5	1.0	.3							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 681

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	2.0	.9	.2								5.7	4.3
NNE	1.8	1.5	1.5									4.8	4.9
NE	1.8	2.0	1.2	.6								5.6	6.0
ENE	2.4	1.8	2.1	.8								7.1	5.7
E	2.7	3.6	3.5	.2								10.0	5.6
ESE	1.7	2.4	.9	.2								5.1	4.4
SE	1.8	.5										2.3	2.5
SSE	1.4	1.2	1.5	.5								4.5	5.9
S	3.5	6.6	2.4	.6								13.3	5.2
SSW	2.1	1.7	1.5	.2								5.4	4.7
SW	.8	2.0	.8	.2								3.6	5.1
WSW	2.9	2.4	.6	.3								6.2	4.4
W	2.6	3.0	.6	.2								6.3	4.0
WNW	1.2	2.6	.2									3.9	4.2
NW	2.1	.6	.5									3.2	3.2
NNW	1.5	3.3	.9	.2								5.9	4.7
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	1.1	.7									3.2	4.1
NNE	1.1	2.3	2.1	.4								5.8	6.2
NE	1.1	1.4	2.5	.7								5.7	7.0
ENE	1.8	2.3	3.5	1.2								8.8	7.1
E	3.4	4.8	5.5	1.1								14.7	6.5
ESE	1.4	1.8	1.4	.2								4.8	5.4
SE	.5	.9	.5				.2					2.1	7.2
SSE	1.6	2.5	1.8									5.8	5.3
S	3.9	3.9	3.4	.9	.4							12.4	6.1
SSW	1.2	1.4	1.4	.4								4.4	6.0
SW	.7	.9	.2	.5								2.3	5.8
WSW	1.9	1.4	1.1	.2								4.6	4.6
W	3.4	2.7	1.1	.2								7.3	4.3
WNW	2.5	2.3	.7									5.5	3.8
NW	1.4	.4	.2	.2								2.1	3.6
NNW	2.5	.5	.2									3.2	2.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.3	//////
TOTALS	29.7	30.4	26.2	5.8	.4		.2					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790J STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.9	.9									2.6	4.8
NNE	.6	1.2	.3									2.1	4.7
NE	2.1	2.4	1.5									5.9	5.0
ENE	4.4	3.5	2.4									10.3	4.3
E	6.5	5.3	2.6	.6								15.0	4.8
ESE	2.1	1.5	1.8									5.3	4.4
SE	.9	.9	.3									2.1	4.0
SSE	2.4	2.1	1.8	.3								6.5	5.3
S	4.1	3.8	3.5	.6								12.1	5.2
SSW	1.8	1.2	.3									3.2	3.6
SW	.9	.6	.6	.3								2.4	5.3
WSW	1.8	1.8										3.5	3.5
W	4.4	2.1	.3									6.8	3.3
WNW	2.1	.6	.3									2.9	2.6
NW	.3	.3										.6	3.5
NNW	.9	.3	.3									1.5	3.8
VARIABLE													
CALM	//////////											17.4	//////
TOTALS	35.9	28.2	16.8	1.8								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 340

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7											.7	1.0
NNE	2.0	.7										2.6	2.8
NE	3.3	1.3										4.6	2.6
ENE	7.2	1.3										8.5	2.3
E	7.8	2.6										10.5	2.3
ESE	1.3											1.3	2.0
SE	.7	.7										1.3	4.0
SSE	3.3	.7	.7									4.6	3.1
S	5.2	5.2										10.5	3.4
SSW	1.3	1.3										2.6	4.0
SW	.7	1.3										2.0	3.7
WSW		.7										.7	6.0
W	6.5											6.5	1.6
WNW	2.0											2.0	1.0
NW													
NNW	.7											.7	3.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	1.2	.5	.0								4.2	3.4
NNE	2.1	1.7	.9	.1								4.7	4.4
NE	1.4	1.3	1.0	.3								4.0	5.4
ENE	2.3	1.7	1.4	.4								5.9	5.1
E	3.2	2.9	2.1	.3								8.6	5.1
ESE	1.7	1.3	.7	.1								3.6	4.1
SE	1.1	.5	.1				.0					1.7	3.7
SSE	1.6	1.4	1.0	.1								4.1	4.9
S	4.3	4.0	1.9	.4	.1							10.5	4.7
SSW	2.1	1.4	.6	.1	.0							4.2	4.2
SW	1.2	1.0	.3	.1								2.6	4.2
WSW	2.5	1.7	.6	.1								4.8	3.8
W	2.9	1.6	.4	.1								4.8	3.5
WNW	1.7	1.4	.2									3.3	3.5
NW	.9	.4	.2	.0								1.6	3.8
NNW	1.6	1.1	.4	.0								3.1	3.9
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	28.0	//////
TOTALS	33.0	24.4	12.3	2.1	.1		.0					100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 3538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-78,80-81
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE	6.3											6.3	2.0
ENE													
E	6.3											6.3	1.0
ESE													
SE													
SSE													
S	6.3											6.3	3.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	//////////											81.3	//////
TOTALS	18.8											100.0	.4

TOTAL NUMBER OF OBSERVATIONS: 16

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2											.2	1.0
NNE	1.0											1.0	1.5
NE	1.2											1.2	1.4
ENE	1.2											1.2	2.2
E	.2											.2	1.0
ESE		.2										.2	5.0
SE	.2											.2	1.0
SSE	.2	.7										1.0	3.3
S	2.7	.2										2.9	2.0
SSW	.2	.2										.5	2.5
SW	.7											.7	1.0
WSW	.7											.7	1.3
W													
WNW													
NW	.5											.5	1.5
NNW													
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-85
MONTH: JUL HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	.3										2.2	2.4
NNE	1.5											1.5	1.8
NE	1.6	.3										1.9	2.2
ENE	2.4	.4										2.8	2.2
E	2.5	.4										3.0	2.4
ESE	2.5	.6	.3									3.4	2.8
SE	1.5	.4										1.9	2.5
SSE	1.2	1.3	.4									3.0	4.1
S	5.7	1.5										7.2	2.5
SSW	2.2	.6										2.8	2.6
SW	2.2	.4										2.7	2.2
WSW	3.1	.6										3.7	2.2
W	1.3	.1										1.5	2.4
WNW													
NW	.1	.1										.3	3.0
NNW	.7	.4										1.2	3.0
VARIABLE													
CALM	//////////											60.6	//////
TOTALS	30.8	7.8	.7									100.0	1.0

TOTAL NUMBER OF OBSERVATIONS: 668

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.0	.1									2.5	3.4
NNE	1.5	.1										1.6	2.4
NE	.4	1.2										1.6	4.2
ENE	1.6	1.[illegible]	.4									3.6	3.9
E	3.9	2.5	.7									7.2	3.7
ESE	4.0	3.0	.3									7.3	3.3
SE	1.9	2.5										4.5	3.7
SSE	4.2	3.3	1.0	.3								8.8	4.2
S	8.8	4.9	3.1	.1								17.0	4.3
SSW	5.2	3.4	1.2									9.8	3.9
SW	2.7	1.9	1.0									5.7	4.1
WSW	2.8	2.1	.3									5.2	3.6
W	3.3	2.5	.3									6.1	3.6
WNW	2.1	1.3	.1									3.6	3.0
NW	1.2	.4										1.6	2.6
NNW	3.0	1.0										4.0	2.6
VARIABLE													
CALM	//////////											9.8	//////
TOTALS	48.0	32.9	8.8	.4								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	.6	.2									2.1	3.4
NNE	1.5	1.5										3.1	3.6
NE	1.4	1.1	.6									3.1	4.0
ENE	2.0	1.2	1.5	.2								4.9	4.8
E	2.1	1.4	1.2	.2								4.9	4.8
ESE	2.6	2.5	1.4	.3								6.7	4.6
SE	1.7	.9	.5		.2							3.5	4.9
SSE	2.8	1.5	1.1	.2								5.5	4.3
S	6.0	6.7	4.1	.5								17.3	5.0
SSW	3.5	3.1	1.2	.2		.2						8.1	4.6
SW	.9	1.5	.8									3.2	4.9
WSW	3.4	3.1	.6	.3								7.4	4.4
W	3.4	2.3	.8	.2								6.6	3.9
WNW	2.1	2.5	.2	.2								4.9	3.8
NW	1.7	1.1	.2									2.9	3.5
NNW	2.1	2.5	.2									4.8	3.9
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796D STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-96
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.0	.9	.2								4.5	4.7
NNE	.5	.5	.7									1.8	5.4
NE	.9	1.1	.4									2.4	4.2
ENE	1.4	2.2	.4									4.0	4.2
E	2.0	3.8	1.8	.4								8.0	5.2
ESE	3.6	2.9	1.8	.2								8.5	4.7
SE	1.3	1.4	1.4									4.2	5.0
SSE	3.1	2.2	1.6									6.9	4.5
S	5.3	5.6	2.2	.5								13.6	4.5
SSW	2.2	1.4	.5	.4								4.5	4.6
SW	1.3	2.7	1.1	.2								5.3	4.9
WSW	2.2	1.8	.2									4.2	3.3
W	3.4	2.5	1.8	.4								8.2	4.8
WNW	1.6	1.8	.7	.2								4.3	4.4
NW	1.4	1.3	.4	.2								3.3	4.4
NNW	1.4	1.1	.5	.2								3.3	4.7
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-85
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	1.5	.3	.3								3.6	4.4
NNE	1.0	.5	.3	.3								2.1	4.6
NE	.8	.3	.3									1.3	3.8
ENE	2.6	1.8	.5	.3								5.1	3.9
E	4.9	3.3	.8									9.0	3.4
ESE	4.4	2.1	.8									7.2	3.3
SE	1.5		.3									1.8	2.9
SSE	2.3	2.6	1.0									5.9	4.5
S	6.7	3.9	1.5	.5								12.6	3.9
SSW	1.3	1.0	.5									2.8	4.2
SW	3.1	.8	.5									4.4	3.4
WSW	3.1	1.0		.3								4.4	3.2
W	3.1	1.5	.5									5.1	3.4
WNW	1.8	.5	.3									2.6	2.8
NW	.8	.8										1.5	3.5
NNW	.8	1.3	.5									2.6	4.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	1.2										3.1	3.0
NNE	3.1											3.1	1.4
NE	2.5											2.5	2.3
ENE	5.0											5.0	1.8
E	6.8	1.9										8.7	2.6
ESE	2.5	1.9										4.3	2.9
SE	1.9											1.9	2.0
SSE	1.9	1.9	.6									4.3	3.6
S	5.0	.6										5.6	2.7
SSW	3.1	1.9	.6									5.6	3.3
SW	.6											.6	1.0
WSW	2.5											2.5	1.5
W	1.2											1.2	1.5
WNW	1.2	.6										1.9	2.3
NW													
NNW				.6								.6	12.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	.9	.2	.1								2.6	3.7
NNE	1.3	.5	.1	.0								1.9	3.2
NE	1.2	.7	.2									2.0	3.4
ENE	2.0	1.1	.5	.1								3.7	3.7
E	2.8	1.9	.7	.1								5.5	3.9
ESE	2.9	1.9	.7	.1								5.7	3.9
SE	1.5	1.0	.4		.0							2.8	4.0
SSE	2.4	2.0	.9	.1								5.3	4.3
S	6.0	3.8	1.9	.3								12.0	4.2
SSW	2.7	1.8	.6	.1		.0						5.3	4.0
SW	1.8	1.3	.6	.0								3.6	4.0
WSW	2.6	1.5	.2	.1								4.4	3.4
W	2.4	1.5	.5	.1								4.6	3.9
WNW	1.3	1.1	.2	.1								2.6	3.6
NW	.9	.6	.1	.0								1.6	3.5
NNW	1.4	1.1	.2	.1								2.7	3.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	33.5	//////
TOTALS	34.7	22.5	8.1	1.1	.0	.0						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 3516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-81
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.3											4.3	1.0
NNE													
NE													
ENE													
E	8.7											8.7	1.5
ESE													
SE													
SSE	4.3											4.3	2.0
S													
SSW													
SW													
WSW													
W	8.7											8.7	2.0
WNW													
NW													
NNW													
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	.2										1.8	1.9
NNE	2.4	.9	.2									3.5	2.9
NE	2.4	1.1	.2									3.7	3.1
ENE	2.0	.4	.4									2.9	3.5
E	.2	.7										.9	3.3
ESE	1.3											1.3	1.5
SE	.9											.9	1.8
SSE	.7											.7	1.3
S	2.4	.9										3.3	2.5
SSW	.7	.2										.9	2.8
SW	.2	.2										.4	3.0
WSW													
W	.2											.2	1.0
WNW	.4											.4	2.0
NW	.2	.2										.4	3.5
NNW	.2											.2	1.0
VARIABLE													
CALM	//////////											78.5	//////
TOTALS	15.8	4.8	.9									100.0	.6

TOTAL NUMBER OF OBSERVATIONS: 455

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	.9										4.6	2.3
NNE	3.3	1.2	.1									4.6	2.8
NE	2.3	2.7	.4									5.5	3.8
ENE	2.3	1.4	1.0									4.7	4.1
E	4.7	.7	.4									5.9	2.7
ESE	1.2	1.0	.3									2.4	3.8
SE	1.3	.1										1.4	2.2
SSE	1.6	1.0										2.6	3.0
S	4.5	1.2	.1									5.8	2.8
SSW	1.0	.4										1.4	2.8
SW	.9	.4										1.3	2.9
WSW	1.4	.1										1.6	2.0
W	1.0	.1										1.2	1.8
WNW	.7											.7	1.4
NW	.1											.1	2.0
NNW	.9	.6	.1									1.6	3.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	.7	.3									3.3	3.3
NNE	.6	1.1	.9	.1								2.7	5.5
NE	1.0	2.0	1.0	.1								4.2	5.2
ENE	1.1	2.6	2.3	.6								6.6	6.2
E	4.0	3.2	2.4	.9								10.5	5.1
ESE	3.2	4.3	1.9									9.3	4.4
SE	1.9	2.2	.6									4.6	4.1
SSE	2.9	3.9	2.9									9.6	4.8
S	3.7	7.2	4.3									15.2	5.1
SSW	1.7	2.2	.9	.1								4.9	4.6
SW	.9	1.0	.4	.1								2.4	4.8
WSW	2.0	1.4	.6									4.0	3.9
W	2.9	1.4		.1								4.4	3.2
WNW	1.1	.4	.1									1.7	2.9
NW	1.4	1.7										3.2	3.5
NNW	2.7	1.4										4.2	2.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.5	//////
TOTALS	33.1	36.7	18.5	2.2								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 697

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	1.6	.3									4.3	3.5
NNE	2.2	1.9	.9	.1								5.2	4.5
NE	1.2	.9	.6	.7								3.4	6.1
ENE	3.6	1.6	2.4	1.2								8.7	5.7
E	3.3	2.5	4.9	.4								11.1	5.9
ESE	2.4	3.4	1.6	.4								7.8	5.2
SE	.9	1.3	.6	.1								3.0	5.0
SSE	2.4	2.8	.9	.4								6.5	4.8
S	3.3	5.9	4.3	.3								13.8	5.6
SSW	1.3	2.5	.7	.3								4.9	5.1
SW	2.2	.9	.9	.3								4.3	4.9
WSW	1.9	2.4	.1	.1								4.6	3.8
W	2.8	1.8	.4									5.0	3.3
WNW	1.0	.9	.6									2.5	4.5
NW	1.8	.7	.3									2.8	3.4
NNW	2.2	.9	.3									3.4	3.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	8.7	//////
TOTALS	34.8	32.1	19.8	4.6								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796J STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	1.4	.9									4.0	4.2
NNE	1.2	2.8	.5	.2								4.7	4.4
NE	.3	1.4	.9	.3								3.0	6.3
ENE	2.1	2.8	4.9	2.3								12.0	7.2
E	2.8	5.1	5.9	1.4	.3							15.5	6.7
ESE	3.0	3.7	3.0	.2								9.8	5.3
SE	.7	.3	1.0	.2								2.3	6.8
SSE	1.6	3.5	1.9	.2								7.2	5.3
S	3.3	3.7	3.0	.2								10.1	5.0
SSW	1.2	1.4	1.2	.3								4.2	5.8
SW	1.4	1.6	.7	.2								3.8	4.7
WSW	1.2	1.7	.3	.2								3.5	4.5
W	1.2	1.2	.5	.3								3.3	5.1
WNW	1.4	1.4	.2	.2								3.1	4.2
NW	1.6	1.0	.3									3.0	3.8
NNW	.5	1.2		.2								1.9	5.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-96
MONTH: AUG HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	.3	.6									3.7	3.2
NNE	2.8	.8	.3									3.9	3.2
NE	2.3	2.0	.6	.3								5.1	4.4
ENE	5.6	2.8	1.4	.6								10.4	4.2
E	6.5	3.4	2.0									11.8	3.8
ESE	1.7	2.0	1.4									5.1	4.8
SE	2.0	.8		.3								3.1	3.7
SSE	2.5	1.1	.3									3.9	3.5
S	2.5	2.3	.8									5.6	4.3
SSW	2.0	.8										2.8	2.4
SW	1.1	1.4	.6									3.1	4.3
WSW	.3	1.1	.3									1.7	4.5
W	.6	1.4	.3									2.3	4.5
WNW	1.7	1.1		.3								3.1	4.2
NW	1.7	.6		.3								2.5	3.7
NNW	.8	.3	.3									1.4	3.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	30.4	//////
TOTALS	36.9	22.3	8.7	1.7								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 355

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3											1.3	2.0
NNE	2.5	1.3										3.8	2.5
NE	3.2	1.9										5.1	2.6
ENE	4.5	2.5	.6									7.6	3.3
E	7.0											7.0	2.0
ESE	1.3	1.3										2.5	3.0
SE	2.5											2.5	1.8
SSE	1.9	1.3										3.2	2.6
S	1.3		.6									1.9	3.3
SSW	3.8											3.8	2.2
SW		.6										.6	4.0
WSW	.6											.6	3.0
W	1.3											1.3	2.5
WNW	.6											.6	1.0
NW		.6										.6	5.0
NNW	.6											.6	1.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	.9	.3									3.6	3.1
NNE	2.0	1.5	.5	.1								4.1	3.9
NE	1.6	1.7	.6	.2								4.1	4.6
ENE	2.6	2.0	2.1	.7								7.4	5.6
E	3.7	2.4	2.6	.5	.1							9.3	5.1
ESE	2.1	2.5	1.3	.1								6.0	4.7
SE	1.3	.8	.4	.1								2.6	4.2
SSE	2.0	2.2	1.0	.1								5.3	4.5
S	3.3	3.6	2.2	.1								9.2	4.8
SSW	1.4	1.3	.5	.1								3.3	4.5
SW	1.1	.9	.4	.1								2.5	4.5
WSW	1.3	1.1	.2	.1								2.7	3.8
W	1.7	1.0	.2	.1								2.9	3.5
WNW	1.0	.6	.2	.1								1.8	3.7
NW	1.1	.7	.1	.0								2.0	3.5
NNW	1.3	.8	.1	.0								2.2	3.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 78,80-81
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL *	MEAN WIND
N	6.3											6.3	2.0
NNE													
NE													
ENE													
E		6.3										6.3	4.0
ESE													
SE													
SSE	6.3											6.3	2.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	8.8	1.7										10.5	2.4
NNE	2.3	.8										3.1	2.7
NE	2.0	1.4	.3									3.7	3.5
ENE	.8	.3										1.1	2.3
E	1.1	1.1										2.3	3.3
ESE	.3	.3										.6	2.5
SE	.8	.3										1.1	2.0
SSE	.3											.3	2.0
S	3.1	.8										4.0	2.7
SSW	1.4	.3										1.7	2.0
SW	.3											.3	1.0
WSW	1.1											1.1	2.0
W	1.1											1.1	1.5
WNW													
NW													
NNW	2.5	.6										3.1	2.2
VARIABLE													
CALM	//////////											66.1	//////
TOTALS	26.0	7.6	.3									100.0	.9

TOTAL NUMBER OF OBSERVATIONS: 354

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.6	5.1	.5									13.1	3.2
NNE	3.9	3.4	.5									7.7	3.3
NE	1.9	2.0	.3									4.2	3.8
ENE	2.2	.7	.3									3.2	3.3
E	1.9	1.5	.7									4.0	4.0
ESE	.7	.3										1.0	2.8
SE		.3										.3	4.5
SSE	.7	.3	.2									1.2	3.4
S	2.9	1.7	.3									4.9	3.2
SSW	1.2	.5										1.7	2.4
SW	.5	.3										.8	2.4
WSW	.7											.7	1.8
W	1.0											1.0	1.8
WNW	1.0	.2										1.2	1.9
NW	.5											.5	2.0
NNW	3.0	.8										3.9	2.3
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL *	MEAN WIND
N	2.7	3.4	2.4									8.4	4.7
NNE	2.5	2.9	2.0	.5								7.9	5.5
NE	1.3	3.9	3.4	.7								9.3	6.0
ENE	3.7	4.0	1.9	.7								10.3	5.2
E	2.4	4.7	3.0	.2								10.3	5.4
ESE	2.0	1.9	1.5									5.4	4.5
SE	1.0	.7	.3									2.0	3.8
SSE	1.2	1.9	.2									3.2	4.2
S	4.9	4.6	1.5	.7								11.6	4.8
SSW	2.4	1.9	1.7									5.9	4.3
SW	1.2	1.5	.5									3.2	4.6
WSW	1.3	1.0	.5									2.9	4.1
W	1.0	.3	.2									1.5	3.2
WNW	1.0	.5	.3									1.9	3.5
NW	.5											.5	1.7
NNW	1.3	1.7	.2									3.2	3.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	12.5	//////
TOTALS	30.5	34.7	19.6	2.7								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 593

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.5	3.5	1.0				.2					8.2	4.7
NNE	2.6	4.0	1.7	.9								9.2	5.4
NE	1.6	5.2	3.6	.3								11.0	6.1
ENE	2.1	5.1	3.7	1.4								12.2	6.4
E	2.3	2.3	4.2	.3	.2							9.2	6.3
ESE	1.6	1.0	.7									3.3	4.2
SE	.7	.3	.7									1.7	5.3
SSE	2.6	1.2	1.2									5.1	4.3
S	2.1	5.1	2.4		.3							9.9	5.6
SSW	1.6	1.6	.3									3.5	3.8
SW	.3	.3	.2	.3								1.2	6.7
WSW	1.9	2.3	1.0	.3								5.6	5.1
W	1.6	1.0	.2									2.8	3.6
WNW	.9	.7	.3									1.9	3.6
NW	.9	.5	.2									1.6	3.8
NNW	2.3	1.2	.2									3.7	3.2
VARIABLE													
CALM	//////////											9.9	//////
TOTALS	28.4	35.4	22.0	3.7	.5		.2					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 574

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	3.1	.9				.4	.2				9.5	5.6
NNE	1.8	3.8	1.3	.2								7.1	5.3
NE	1.8	2.9	4.4	1.1	.2							10.4	7.0
ENE	2.4	5.1	4.4	.9								12.9	6.1
E	1.8	3.8	4.7	1.3								11.5	7.1
ESE	1.8	2.0	1.1	.2								5.1	5.0
SE	.9	1.1	.2									2.2	4.3
SSE	1.8	1.3										3.1	3.5
S	1.6	2.4	1.1	.2								5.3	5.1
SSW	.7	1.6	.4									2.7	4.8
SW	.9	1.1	.7									2.7	5.0
WSW	1.3	1.8	.9									4.0	4.8
W	1.6	2.7	.2									4.4	4.0
WNW	1.6	1.1										2.7	2.9
NW	1.8	.4										2.2	2.1
NNW	1.8	1.3	.2									3.3	3.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.9	//////
TOTALS	28.2	35.5	20.6	4.0	.2		.4	.2				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 451

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	2.8					.4					4.4	6.1
NNE	1.6	1.2	.4									3.2	3.8
NE	.8	2.8	1.6	.4								5.6	5.7
ENE	6.4	4.0	1.6	.4								12.4	4.2
E	5.6	6.0	1.2	.4								13.1	4.2
ESE	2.4	1.6	.8									4.8	3.8
SE	1.6											1.6	1.8
SSE	1.2	1.2										2.4	3.3
S	1.6	2.8	.8									5.2	4.5
SSW	1.2	.4										1.6	3.0
SW	1.6	.4										2.0	2.6
WSW	1.2	.8										2.0	2.6
W	4.0											4.0	2.0
WNW	3.6	1.6										5.2	2.5
NW	1.2	.4			.4							2.0	5.4
NNW	.8	.8										1.6	3.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	29.1	//////
TOTALS	35.9	26.7	6.4	1.2	.4		.4					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 251

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-83
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.0	1.0										4.0	2.8
NNE	2.0	1.0										3.0	2.7
NE	2.0											2.0	2.0
ENE	4.0	3.0										6.9	2.9
E	3.0	1.0	1.0									5.0	4.2
ESE	4.0	1.0										5.0	2.0
SE													
SSE	4.0	4.0	1.0									8.9	3.8
S	5.0	1.0										5.9	2.2
SSW	2.0											2.0	1.0
SW													
WSW													
W													
WNW	2.0											2.0	1.5
NW													
NNW	1.0	2.0										3.0	4.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	52.5	//////
TOTALS	31.7	13.9	2.0									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS: 101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.8	3.3	.9				.1	.0				9.2	4.1
NNE	2.6	2.9	1.1	.3								6.8	4.7
NE	1.6	3.1	2.4	.4	.0							7.5	5.8
ENE	2.8	3.2	2.0	.6								8.5	5.4
E	2.3	3.0	2.4	.3	.0							8.1	5.5
ESE	1.5	1.2	.7	.0								3.4	4.2
SE	.7	.5	.2									1.4	4.0
SSE	1.5	1.1	.3									2.9	3.9
S	2.9	3.0	1.1	.2	.1							7.2	4.6
SSW	1.5	1.1	.5									3.0	3.7
SW	.7	.6	.2	.1								1.7	4.5
WSW	1.2	1.0	.4	.1								2.7	4.4
W	1.4	.7	.1									2.2	3.1
WNW	1.2	.6	.1									1.9	2.9
NW	.7	.2	.0		.0							1.0	3.1
NNW	2.0	1.2	.1									3.3	3.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	29.1	//////
TOTALS	29.4	26.6	12.6	2.0	.2		.1	.0				100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 2934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 60-81
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL #	MEAN WIND
N	35.3	5.9	5.9									47.1	3.5
NNE		11.8										11.8	4.5
NE													
ENE													
E	5.9											5.9	3.0
ESE	5.9											5.9	1.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		5.9										5.9	4.0
VARIABLE													
CALM	//////////											23.5	//////
TOTALS	47.1	23.5	5.9									100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 17

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0300-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	14.9	12.6	2.1									29.6	3.6
NNE	6.2	1.8	.3									10.3	2.6
NE	2.6	.3										2.8	2.3
ENE	.3											.3	2.0
E	.3											.3	1.0
ESE													
SE													
SSE		.5										.5	5.0
S													
SSW	.8											.8	1.7
SW	.3											.3	2.0
WSW	.5											.5	1.5
W	.5											.5	1.5
WNW	1.3	.3										1.5	2.2
NW	.5	.3										.8	2.3
NNW	3.6	3.3	1.3									8.2	4.1
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796J STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0600-0900

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	15.7	14.5	4.0	.2								34.4	3.9
NNE	5.2	3.1	1.2	.5								9.9	4.1
NE	2.3	1.1	.2									3.5	3.2
ENE	1.8	.5										2.3	2.3
E	.5	.3										.8	3.6
ESE	.5											.5	3.0
SE	.5											.5	1.7
SSE	.6	.6										1.2	3.3
S	.6	.8	.3									1.8	3.9
SSW	.9											.9	1.8
SW	.2	.3										.5	3.3
WSW	.8	.2										.9	2.0
W	1.1											1.1	2.0
WNW	.3	.2										.5	2.7
NW	.6											.6	2.3
NNW	2.4	2.6	.8									5.8	4.2
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	6.6	7.2	.8								17.0	6.4
NNE	.9	4.7	6.2	2.0	.2							13.8	7.9
NE	1.2	5.7	5.7	1.2								13.8	6.8
ENE	.9	3.6	5.3	1.1								10.9	7.2
E	2.0	3.5	3.6									9.0	5.7
ESE	1.4	1.4	.6	.3								3.6	5.1
SE	.6	.3	.5									1.4	4.7
SSE	.8	1.4	1.8	.2								4.1	6.3
S	.9	1.5	1.8	.6								4.8	6.7
SSW	1.2	.9	.5	.2								2.7	4.8
SW	.3	.5	.2									.9	4.3
WSW	1.2	1.1	.3									2.6	4.4
W	1.8	.9										2.7	3.1
WNW	1.1	.8										1.8	3.0
NW	.6	.5	.3									1.4	4.3
NNW	1.4	2.1	1.2									4.7	4.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.0	//////
TOTALS	18.5	35.2	35.0	6.2	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	4.1	2.7	.5								7.6	6.4
NNE	1.7	3.5	6.7	2.7								14.6	7.6
NE	.6	2.4	8.2	3.0	.2	.2						14.6	8.8
ENE	1.7	3.9	6.7	1.2	.2							13.7	7.3
E	1.1	1.8	5.9	1.1								9.9	7.5
ESE	1.1	1.4	1.4	.5								4.2	6.0
SE	.9	.6	.2									1.7	3.6
SSE	.8	1.8	2.0									4.6	5.8
S	.8	.9	1.2	.2								3.0	6.2
SSW	.5	1.2	.6	.2								2.4	5.7
SW	.5	1.2	.2									1.6	4.2
WSW	1.5	1.7	.5									3.6	4.1
W	.9	1.2	.8	.2								3.0	5.0
WNW	1.1	2.0	.2									3.2	4.0
NW	1.7	.5	.6									2.7	3.8
NNW	2.0	2.7	1.8									6.5	4.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.9	//////
TOTALS	16.9	31.0	39.5	7.4	.3	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	4.3	2.2	.3								8.4	5.6
NNE	1.6	2.2	4.3	3.3								11.4	8.2
NE	.5	3.1	10.9	2.8	.2							17.4	8.3
ENE	1.4	2.6	10.0	2.9								16.9	8.3
E	1.9	4.7	5.0	1.0								12.6	6.6
ESE	1.4	1.0	.7									3.1	4.7
SE	.5	.3	.2									1.0	4.3
SSE	.5	.7	.3									1.6	4.6
S	.5	.7	1.4									2.6	6.3
SSW	.3	.7	.3	.2								1.6	5.9
SW	.2	1.0	.2									1.4	5.4
WSW	1.2	1.4	.5									3.1	4.3
W	2.8	1.9										4.7	3.2
WNW	1.0	.2	.9									2.1	4.6
NW	1.6	1.2	.7									3.4	4.1
NNW	2.9	1.0	.5									4.5	3.5
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.0	1.2	2.1									7.3	4.4
NNE	4.0	6.4	4.0	.3								14.7	5.2
NE	8.0	11.9	3.7	.3								23.9	4.6
ENE	4.9	7.3	2.1	.3								14.7	4.6
E	3.4	3.1	.6									7.0	3.7
ESE	2.1	.3										2.4	2.4
SE													
SSE	.3	.3										.6	3.5
S		.3		.6								.9	9.0
SSW													
SW		.3										.3	4.0
WSW													
W	2.4	1.2										3.7	3.0
WNW	1.5											1.5	2.4
NW	.6											.6	2.0
NNW	.9		.3									1.2	4.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	21.1	//////
TOTALS	32.1	32.4	12.8	1.5								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	10.5	6.1	4.7									23.3	4.4
NNE	7.0	17.4	2.3									26.7	4.2
NE	5.8	1.2	1.2									8.1	3.3
ENE	2.3											2.3	1.5
E	8.1											8.1	1.7
ESE	2.3	1.2										3.5	3.0
SE	1.2											1.2	1.0
SSE													
S													
SSW		1.2										1.2	4.0
SW													
WSW													
W													
WNW	1.2											1.2	2.0
NW	3.5											3.5	2.0
NNW	2.3											2.3	1.0
VARIABLE													
CALM	//////////											18.6	//////
TOTALS	44.2	29.1	8.1									100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 86

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.4	7.5	3.7	.3								17.9	4.7
NNE	3.3	3.9	4.0	1.6	.0							12.8	6.3
NE	2.1	3.6	5.0	1.3	.1	.0						12.1	6.9
ENE	1.7	2.7	4.3	1.0	.0							9.7	6.9
E	1.6	2.2	2.8	.4								7.0	6.1
ESE	1.1	.8	.5	.1								2.5	4.9
SE	.5	.2	.1									.9	3.8
SSE	.5	.9	.8	.0								2.3	5.5
S	.6	.8	.9	.2								2.4	6.2
SSW	.7	.6	.3	.1								1.6	4.7
SW	.2	.6	.1									.9	4.4
WSW	.9	.8	.2									2.0	4.0
W	1.5	.9	.1	.0								2.5	3.4
WNW	1.0	.6	.2									1.8	3.5
NW	1.0	.4	.3									1.7	3.6
NNW	2.2	2.0	1.0									5.2	4.3
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.7	//////
TOTALS	25.3	28.5	24.3	5.1	.1	.0						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 3377

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 79-80
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	16.7											16.7	2.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	16.7											16.7	2.0
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNO) FL PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0300-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	14.1	10.3	3.2	.5								28.1	4.1
NNE	2.2	2.7										4.9	3.1
NE	2.7	2.2										4.9	3.3
ENE	1.6	1.1										2.7	3.4
E		.5										.5	4.0
ESE	.5											.5	2.0
SE	.5											.5	2.0
SSE													
S	2.2	.5										2.7	2.4
SSW													
SW	.5											.5	2.0
WSW	.5		.5									1.1	5.5
W													
WNW													
NW	.5											.5	3.0
NNW	4.9	4.9	1.6									11.4	4.4
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	11.9	12.2	3.9	.7								28.6	4.4
NNE	3.4	2.2	.5									6.1	3.6
NE	2.0	1.0	.2									3.2	3.1
ENE	1.0	.5	.3									1.9	4.1
E	.2	.7	.2									1.0	4.5
ESE	.3											.3	2.0
SE	.2		.2									.3	5.0
SSE	.7	.7	.3	.2								1.9	5.0
S	.5	1.7		.2								2.4	4.9
SSW	.3	.7										1.0	4.2
SW	.2	.2	.2									.5	5.7
WSW	.2	.2										.3	3.5
W	1.4											1.4	1.9
WNW	.2	.2										.3	3.0
NW	.2	.2	.3									.7	6.0
NNW	2.5	5.3	1.4									9.2	4.7
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	40.8	//////
TOTALS	25.1	25.6	7.5	1.0								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 590

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	8.1	7.3	2.6								21.4	6.7
NNE	2.8	4.5	3.7	.8								11.8	5.8
NE	1.5	2.1	4.2	.5								8.3	6.7
ENE	1.6	2.8	2.9	.8								8.1	6.6
E	1.5	2.6	1.9	.6								6.6	6.2
ESE	2.1	1.5	1.3	.2								5.0	4.8
SE	.3	.6	.3									1.3	5.4
SSE	1.0	1.1	2.1	.6	.2							5.0	7.5
S	1.3	2.1	2.9	1.0								7.3	6.8
SSW	1.0	1.1	1.0	.2								3.2	5.7
SW	.3	.3	1.1	.2								1.9	6.9
WSW	.6	.6	.2	.2								1.6	4.8
W	.8	.5	.2									1.5	4.2
WNW	.6	.5	.3									1.5	4.2
NW	.3	1.1										1.5	4.1
NNW	.6	2.8	2.6	.2								6.1	6.2
VARIABLE													
CALM	//////////											7.9	//////
TOTALS	19.7	32.4	32.0	7.8	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	2.8	7.4	1.5								13.7	7.2
NNE	1.0	3.9	4.6	1.0								10.5	6.9
NE	.8	2.9	3.6	1.1								8.5	7.2
ENE	.8	2.1	3.9	2.0								8.8	7.9
E	1.6	3.8	3.8	.7								9.8	6.6
ESE	1.1	2.9	1.3	.2								5.6	5.5
SE	.2	.7	1.1	.2								2.1	6.6
SSE	.5	1.8	1.8	.3	.2							4.6	6.6
S	.3	2.3	4.7	1.5								8.8	7.8
SSW	.5	1.1	1.3	.5								3.4	6.7
SW	.2	1.0	.8	.3								2.3	7.1
WSW	.5	.3	1.0	.3								2.1	6.5
W	.3	.5	1.0	.3								2.1	7.2
WNW	1.6	.3	1.0									2.9	4.6
NW	.7	1.0	.5	.3								2.5	6.1
NNW	1.3	4.1	2.6									8.0	5.4
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.0	6.9	4.1									13.9	5.4
NNE	1.9	4.8	4.6	.4								11.7	6.1
NE	.4	2.6	3.9	.9								7.8	7.3
ENE	1.3	2.2	6.1	1.9								11.5	7.7
E	1.7	3.3	3.5	.2								8.7	5.8
ESE	2.2	1.9	1.3									5.4	4.6
SE	.7	.9	.2									1.9	3.6
SSE	.9	1.3	1.1	.2								3.5	5.9
S	1.3	2.0	1.3	.2								4.8	5.4
SSW	.6	1.1	.4	.6								2.6	6.5
SW	.2	1.1	.6	.2								2.0	6.3
WSW	.6	1.3	.7									2.6	5.1
W	1.5	1.1	.9	.2								3.7	5.0
WNW	.9	1.7	1.1									3.7	5.1
NW	1.5	1.7	1.1	.2								4.5	5.2
NNW	2.4	2.6	.7									5.8	4.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.8	//////
TOTALS	21.0	38.6	31.8	4.6								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.1	2.3	.4									7.8	3.4
NNE	3.5	3.1	1.9	.4								8.9	5.3
NE	6.6	4.7	1.2									12.5	3.7
ENE	8.2	1.9	1.6									11.7	3.5
E	3.1	.8										3.9	2.1
ESE	2.3											2.3	1.5
SE													
SSE	.4											.4	2.0
S	.8	.4										1.2	3.0
SSW			.8									.8	9.0
SW	1.2											1.2	1.7
WSW	1.9											1.9	1.6
W	2.3	2.3										4.7	3.3
WNW	.8	1.6	.8									3.1	4.9
NW	.4		.8									1.2	6.3
NNW	1.6	.8										2.3	2.7
VARIABLE													
CALM	//////////											36.2	//////
TOTALS	38.1	17.9	7.4	.4								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 257

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL #	MEAN WIND
N	4.8	6.0	2.4									13.1	4.0
NNE	6.0	3.6	2.4									11.9	4.1
NE	3.6											3.6	1.7
ENE	4.8											4.8	2.0
E													
ESE	4.8											4.8	1.8
SE													
SSE	1.2	1.2										2.4	2.5
S													
SSW	1.2											1.2	1.0
SW													
WSW	1.2											1.2	1.0
W	3.6											3.6	2.0
WNW	1.2	1.2										2.4	3.0
NW	2.4		1.2									3.6	4.7
NNW		2.4										2.4	5.5
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.7	7.1	5.0	1.0								18.8	5.4
NNE	2.5	3.7	3.0	.5								9.6	5.6
NE	1.8	2.3	2.5	.5								7.2	5.9
ENE	1.9	1.8	2.8	.9								7.5	6.5
E	1.3	2.2	1.9	.3								5.7	5.9
ESE	1.6	1.3	.8	.1								3.7	4.6
SE	.3	.4	.4	.0								1.2	5.2
SSE	.7	1.0	1.1	.3	.1							3.2	6.4
S	.9	1.7	1.9	.6								5.1	6.5
SSW	.5	.8	.6	.2								2.2	6.1
SW	.3	.5	.6	.1								1.5	6.3
WSW	.6	.5	.4	.1								1.6	4.9
W	1.1	.6	.4	.1								2.2	4.5
WNW	.8	.7	.6									2.0	4.6
NW	.7	.8	.5	.1								2.0	5.3
NNW	1.9	3.5	1.6	.0								7.0	5.0
VARIABLE													
CALM	//////////	//////										19.3	//////
TOTALS	22.5	29.1	24.0	5.0	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 2889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 80-91,83
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		20.0										20.0	5.5
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW	20.0											20.0	1.5
W	10.0											10.0	2.0
WNW													
NW													
NNW	10.0											10.0	1.0
VARIABLE													
CALM	//////////											40.0	//////
TOTALS	40.0	20.0										100.0	1.7

TOTAL NUMBER OF OBSERVATIONS: 10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0300-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	12.3	11.6	3.9									27.7	4.1
NNE	.6	1.9										2.6	3.8
NE	1.9											1.9	2.3
ENE	1.3	.6	.6									2.6	4.5
E	.6		.6									1.3	5.5
ESE		1.3										1.3	4.0
SE													
SSE													
S	3.2	3.2										6.5	3.6
SSW		1.3	2.6									3.9	6.7
SW	.6											.6	3.0
WSW													
W													
WNW	.6											.6	3.0
NW	.6			.6								1.3	7.0
NNW	4.5	1.9	1.3	.6								8.4	4.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	41.3	//////
TOTALS	26.5	21.9	9.0	1.3								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 155

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	14.7	12.7	5.7	.2								33.3	4.2
NNE	2.0	1.5	.3									3.8	3.7
NE	.8	.5										1.3	3.1
ENE	.7	.5	.3									1.5	4.1
E	.3	.3										.7	3.5
ESE	.7	.2	.3									1.1	4.0
SE	.2											.2	2.0
SSE	1.0	1.0	.2	.2								2.3	4.8
S	3.1	1.8	.3									5.2	3.6
SSW	1.1	.8	.3									2.3	3.8
SW	.7	.3	.2									1.1	4.0
WSW	.2	.2	.2									.5	4.3
W	.3											.3	1.5
WNW	.2											.2	2.0
NW	.2	.2	.2									.5	4.7
NNW	3.3	3.3	1.6	.5								8.7	5.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	37.1	//////
TOTALS	29.2	23.2	9.6	.8								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 612

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.5	8.0	9.3	1.4								24.2	6.1
NNE	1.9	4.2	4.2	.2								10.5	5.9
NE	1.6	3.3	1.6									6.4	5.2
ENE	1.6	1.6	.9	.2								4.2	5.1
E	1.6	1.4	2.7	.2								5.8	5.9
ESE	.9	.6	2.0									3.6	6.3
SE	.2	.2	1.3									1.6	8.1
SSE	.2	.5	.6	.2								1.4	7.0
S	2.4	2.5	4.9	2.2								11.9	7.3
SSW	.9	1.4	.8									3.1	4.7
SW	.5	.8	1.1	.2								2.5	6.7
WSW	.9	.8	.2									1.9	3.6
W		.6										.6	5.0
WNW	.8	.6	.3									1.7	4.4
NW	.6	.8	1.6	.3								3.3	6.4
NNW	1.9	3.3	2.5									7.7	5.2
VARIABLE													
CALM	//////////											9.4	//////
TOTALS	21.4	30.6	33.9	4.7								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	5.8	5.3	1.0								14.6	6.4
NNE	1.9	1.8	3.7	.6								8.1	6.1
NE	.6	2.4	2.6	.6								6.3	6.7
ENE	1.5	1.6	3.1	.6								6.8	6.6
E	.5	1.5	4.7	.2								6.8	7.3
ESE	.8	1.5	2.9	.5								5.7	6.9
SE	.3	1.0	1.5									2.8	6.5
SSE	.3	1.9	1.6	.6	.2							4.7	7.5
S	1.0	1.8	3.9	2.1								8.7	8.2
SSW	.6	.8	2.6	1.1								5.2	8.0
SW	.2	1.3	1.1									2.6	6.5
WSW	.5	2.3	1.8	.5								5.0	6.7
W	.8	1.1	.8	.3								3.1	5.7
WNW	.2	1.9	1.5									3.6	6.3
NW	1.5	1.6	1.9									5.0	5.6
NNW	1.0	4.0	3.2									8.3	6.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.9	//////
TOTALS	14.1	32.4	42.2	8.3	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.8	5.7	3.9	.6								14.9	5.2
NNE	2.4	2.0	2.6	.9								7.9	6.1
NE	1.5	2.6	2.2	.4								6.6	5.6
ENE	.6	1.7	2.6									4.8	6.7
E	1.3	2.6	4.1	.9								8.8	6.8
ESE	.9	2.8	1.5	.2								5.3	5.5
SE	.4	1.1										1.5	3.9
SSE	.7	1.7	1.7	.2								4.2	6.1
S	1.8	1.7	2.8	.6								6.8	6.1
SSW	1.1	1.1	2.0	.7								5.0	7.1
SW	.9	.9	1.7	.2								3.7	6.2
WSW	1.5	1.7	.7									3.9	4.2
W	1.5	2.0	1.1	.4								5.0	5.4
WNW	1.3	.7	.6									2.6	4.4
NW	2.4	2.6	1.5									6.4	4.6
NNW	1.5	2.0	2.2									5.7	5.5
VARIABLE													
CALM	//////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1600-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	10.8	5.2	1.6									17.5	3.4
NNE	5.2	4.8	2.0									12.0	4.0
NE	2.0	2.8										4.8	3.6
ENE	3.6	.4										4.0	2.0
E	1.6	2.8	1.2									5.6	4.4
ESE	.8											.8	1.5
SE													
SSE		.4	1.6									2.0	7.0
S	2.0	.4	.4									2.8	3.1
SSW	2.0											2.0	1.8
SW	1.6	.4	.4									2.4	3.3
WSW													
W	2.0	.8										2.8	2.7
WNW	1.2	.4	.4									2.0	4.0
NW	.4											.4	3.0
NNW	2.8	2.4										5.2	3.6
VARIABLE													
CALM	//////////											35.9	//////
TOTALS	35.9	20.7	7.6									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 251

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	8.1	4.1										12.2	3.0
NNE	1.4	2.7										4.1	4.7
NE		1.4										1.4	4.0
ENE													
E	4.1											4.1	2.0
ESE													
SE													
SSE	1.4	1.4										2.7	4.0
S	4.1	1.4										5.4	2.3
SSW	2.7	1.4										4.1	3.0
SW													
WSW	2.7											2.7	2.0
W	2.7											2.7	2.0
WNW	4.1											4.1	2.0
NW													
NNW	6.8	2.7										9.5	2.6
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL #	MEAN WIND
N	7.5	6.0	5.4	.7								21.6	5.0
NNE	2.2	2.6	2.4	.3								7.6	5.4
NE	1.2	2.1	1.3	.2								4.8	5.4
ENE	1.3	1.2	1.4	.2								4.1	5.7
E	1.0	1.4	2.5	.2								5.2	6.3
ESE	.8	1.1	1.4	.1								3.4	6.0
SE	.2	.4	.6									1.2	6.2
SSE	.5	1.1	1.0	.2	.0							2.8	6.5
S	2.2	1.9	2.5	1.0								7.6	6.4
SSW	1.0	1.0	1.3	.4								3.7	6.1
SW	.6	.7	.9	.1								2.3	5.8
WSW	.8	1.0	.6	.1								2.4	5.1
W	.8	.8	.4	.1								2.1	4.9
WNW	.7	.7	.5									2.0	4.9
NW	1.0	1.0	1.1	.1								3.2	5.4
NNW	2.3	3.0	2.1	.1								7.5	5.2
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.2	3.9	2.3	.3			.0	.0				10.8	4.8
NNE	2.0	2.2	1.6	.4	.0	.0						6.2	5.3
NE	1.4	1.9	1.6	.4	.0	.0						5.3	5.9
ENE	1.8	1.8	1.9	.6	.0		.0					6.1	5.9
E	2.0	2.3	2.0	.4	.0							6.7	5.5
ESE	1.4	1.4	1.0	.1	.0							3.9	4.9
SE	.7	.6	.4	.0	.0		.0					1.7	4.5
SSE	1.3	1.3	1.1	.3	.0							4.1	5.7
S	2.7	2.7	2.2	.7	.0							8.3	5.6
SSW	1.3	1.2	.7	.2	.0	.0						3.4	5.1
SW	.8	.9	.6	.2	.0							2.5	5.5
WSW	1.3	1.1	.6	.1	.0							3.2	4.7
W	1.8	1.3	.7	.2	.0	.0						4.0	4.7
WNW	1.4	1.2	.7	.1	.0							3.4	4.7
NW	1.0	.8	.5	.1	.0							2.5	4.8
NNW	1.9	2.3	1.1	.1	.0							5.4	4.7
VARIABLE													
CALM	////////////

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILTIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILTIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.6	5.6	3.9	.5			.2					15.7	5.2
NNE	1.3	1.9	1.0	.2								4.3	5.0
NE	.6	.9	.4	.2								2.0	5.6
ENE	.8	.5	.9	.3			.1					2.5	6.4
E	.7	.5	.4	.5	.1							2.2	7.1
ESE	.4	.5	.7	.1	.1							1.6	6.2
SE	.1	.2	.2	.2								.7	7.3
SSE	1.0	.8	.9	.4	.1							3.1	6.3
S	3.4	3.2	2.4	1.0	.1							9.9	5.7
SSW	1.1	1.6	1.6	.4	.1							4.7	6.2
SW	.5	.7	.9	.1	.1							2.2	6.1
WSW	1.6	.8	.3	.2								2.8	4.0
W	2.0	1.0	.5	.1								3.5	3.9
WNW	.9	.3	.4									1.6	4.3
NW	1.1	.6	.7	.3	.1							2.7	6.0
NNW	2.3	1.8	1.2	.2								5.3	4.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.4	//////
TOTALS	23.1	20.5	16.0	4.3	.5		.3					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 1992

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

USE ... EDITION
SEE FIRST PAGE

PART 3

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 the tables are presented by month and available 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.

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, For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790C STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 82
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 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
GE 0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0300-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		43.6	49.5	56.4	60.6	61.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	63.8	64.9
GE 20000		46.3	52.1	59.0	63.3	64.4	65.4	65.4	65.4	66.5	66.5	66.5	66.5	66.5	67.0	68.1
GE 18000		46.8	52.7	59.6	63.8	64.9	66.0	66.0	66.0	67.0	67.0	67.0	67.0	67.0	67.6	68.6
GE 16000		46.8	52.7	59.6	63.8	64.9	66.0	66.0	66.0	67.0	67.0	67.0	67.0	67.0	67.6	68.6
GE 14000		46.8	52.7	59.6	63.8	64.9	66.0	66.0	66.0	67.0	67.0	67.0	67.0	67.0	67.6	68.6
GE 12000		46.8	52.7	59.6	63.8	64.9	66.0	66.0	66.0	67.0	67.0	67.0	67.0	67.0	67.6	68.6
GE 10000		47.3	53.2	60.6	64.9	66.0	67.0	67.0	67.0	68.1	68.1	68.1	68.1	68.1	69.1	70.2
GE 9000		47.3	53.2	60.6	64.9	66.0	67.0	67.0	67.0	68.1	68.1	68.1	68.1	68.1	69.1	70.2
GE 8000		48.9	54.8	62.2	66.5	67.6	68.6	68.6	68.6	69.7	69.7	69.7	69.7	69.7	70.7	71.8
GE 7000		48.9	54.8	62.2	66.5	67.6	68.6	68.6	68.6	69.7	69.7	69.7	69.7	69.7	70.7	71.8
GE 6000		48.9	54.8	62.2	67.0	68.1	69.1	69.1	69.1	70.2	70.2	70.2	70.2	70.2	71.3	72.3
GE 5000		50.5	56.4	63.8	68.6	69.7	70.7	70.7	70.7	71.8	71.8	71.8	71.8	71.8	72.9	73.9
GE 4500		51.6	57.4	64.9	69.7	70.7	71.8	71.8	71.8	72.9	72.9	72.9	72.9	72.9	73.9	75.0
GE 4000		53.7	59.6	67.0	71.8	72.9	73.9	73.9	73.9	75.0	75.0	75.0	75.0	75.0	76.1	77.1
GE 3500		53.7	59.6	67.0	71.8	72.9	73.9	73.9	73.9	75.0	75.0	75.0	75.0	75.0	76.1	77.1
GE 3000		55.3	61.2	68.6	73.4	74.5	75.5	75.5	75.5	76.6	76.6	76.6	76.6	76.6	77.7	78.7
GE 2500		57.4	63.3	70.7	76.1	77.1	78.2	78.2	78.2	79.3	79.3	79.3	79.3	79.3	80.3	81.4
GE 2000		58.0	64.9	72.3	77.7	78.7	79.8	79.8	79.8	80.9	80.9	80.9	81.4	81.4	82.4	83.5
GE 1800		58.0	64.9	72.3	77.7	78.7	79.8	79.8	79.8	80.9	80.9	80.9	81.4	81.4	82.4	83.5
GE 1500		59.0	67.0	74.5	80.3	81.9	83.0	83.0	83.0	84.0	84.0	84.0	84.6	84.6	85.6	86.7
GE 1200		59.6	67.6	75.0	80.9	82.4	83.5	83.5	83.5	84.6	84.6	84.6	85.1	85.1	86.2	87.2
GE 1000		59.6	68.6	76.1	81.9	83.5	84.6	84.6	84.6	85.6	85.6	85.6	86.2	86.2	87.2	88.3
GE 900		60.1	69.1	77.1	83.0	84.6	85.6	85.6	85.6	86.7	86.7	86.7	87.2	87.2	88.3	89.4
GE 800		61.7	70.7	78.7	84.6	86.2	87.2	87.8	87.8	88.8	88.8	88.8	89.4	89.4	90.4	91.5
GE 700		62.2	71.3	79.8	86.2	87.8	89.4	89.9	89.9	91.0	91.0	91.0	91.5	91.5	92.6	93.6
GE 600		62.2	71.8	80.3	86.7	88.3	89.9	91.0	91.0	92.0	92.0	92.0	92.6	92.6	93.6	94.7
GE 500		62.2	71.8	80.3	86.7	88.3	89.9	91.0	91.0	92.0	92.6	92.6	93.1	93.1	94.1	95.2
GE 400		62.2	72.3	80.9	87.2	88.8	91.0	92.0	92.0	93.1	93.6	93.6	94.1	94.1	95.2	96.3
GE 300		62.2	72.3	80.9	87.2	88.8	91.0	92.0	92.0	93.6	94.1	94.1	94.7	94.7	96.3	97.3
GE 200		62.2	72.3	80.9	87.2	88.8	91.0	92.0	92.0	93.6	94.1	94.1	94.7	94.7	96.8	98.9
GE 100		62.2	72.3	80.9	87.2	88.8	91.0	92.0	92.0	93.6	94.1	94.1	94.7	94.7	96.8	99.5
GE 0		62.2	72.3	80.9	87.2	88.8	91.0	92.0	92.0	93.6	94.1	94.1	94.7	94.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 188

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		33.6	40.6	44.4	48.7	49.3	52.6	54.1	54.3	55.6	56.4	56.4	57.2	57.2	57.8	58.7
GE 20000		36.9	45.0	49.6	54.0	54.6	57.8	59.3	59.5	61.4	62.3	62.3	63.4	63.4	64.0	65.2
GE 18000		36.9	45.0	49.6	54.0	54.6	57.8	59.3	59.5	61.4	62.3	62.3	63.4	63.4	64.0	65.2
GE 16000		36.9	45.0	49.6	54.0	54.6	57.8	59.3	59.5	61.4	62.3	62.3	63.4	63.4	64.0	65.2
GE 14000		37.5	45.7	50.4	54.7	55.3	58.6	60.1	60.2	62.2	63.1	63.1	64.1	64.1	64.7	65.9
GE 12000		38.3	46.8	51.4	55.8	56.4	59.6	61.1	61.3	63.2	64.1	64.1	65.2	65.2	65.8	67.0
GE 10000		39.2	48.0	52.9	57.4	58.0	61.3	62.8	62.9	65.0	65.9	65.9	67.0	67.0	67.6	68.8
GE 9000		40.1	49.0	54.0	58.4	59.0	62.3	63.8	64.0	66.1	67.0	67.0	68.0	68.0	68.6	69.8
GE 8000		41.1	50.2	55.3	59.8	60.4	63.7	65.2	65.3	67.6	68.5	68.5	69.5	69.5	70.1	71.3
GE 7000		41.3	50.4	55.5	59.9	60.5	63.8	65.3	65.5	67.7	68.6	68.6	69.7	69.7	70.3	71.4
GE 6000		42.0	51.3	56.4	60.8	61.4	64.7	66.2	66.4	68.6	69.5	69.5	70.6	70.6	71.2	72.3
GE 5000		43.5	52.6	57.8	62.3	62.9	66.2	67.7	67.9	70.1	71.0	71.0	72.0	72.0	72.6	73.8
GE 4500		44.5	54.3	59.3	63.8	64.4	67.7	69.2	69.4	71.6	72.5	72.5	73.5	73.5	74.1	75.3
GE 4000		46.2	56.1	61.1	65.6	66.2	69.5	71.0	71.2	73.4	74.3	74.3	75.3	75.3	75.9	77.1
GE 3500		47.4	57.4	62.5	67.0	67.6	70.9	72.3	72.5	74.7	75.6	75.6	76.7	76.7	77.3	78.5
GE 3000		49.5	59.5	64.6	69.1	69.7	72.9	74.4	74.6	76.8	77.7	77.7	78.8	78.8	79.4	80.6
GE 2500		50.5	60.5	65.8	70.4	71.0	74.3	75.8	75.9	78.2	79.1	79.1	80.1	80.1	80.7	81.9
GE 2000		52.0	62.2	67.6	72.2	72.8	76.1	77.6	77.9	80.1	81.0	81.0	82.1	82.1	82.7	84.0
GE 1800		52.0	62.2	67.6	72.2	72.8	76.1	77.6	77.9	80.1	81.0	81.0	82.1	82.1	82.7	84.0
GE 1500		53.5	64.1	69.7	74.4	75.3	78.8	80.3	80.6	83.1	84.2	84.2	85.2	85.2	85.8	87.1
GE 1200		53.8	64.6	70.1	74.9	75.8	79.2	80.7	81.0	83.6	84.6	84.6	85.7	85.7	86.2	87.6
GE 1000		54.9	65.8	71.4	76.2	77.1	80.6	82.1	82.4	85.1	86.1	86.1	87.1	87.1	87.9	89.2
GE 900		55.5	66.4	72.0	76.8	77.7	81.2	82.7	83.0	85.7	86.7	86.7	87.7	87.7	88.5	89.8
GE 800		56.2	67.3	73.1	78.0	78.9	82.4	83.9	84.2	86.8	87.9	87.9	89.1	89.1	89.8	91.2
GE 700		56.5	67.6	73.5	79.1	80.0	83.4	84.9	85.2	88.0	89.1	89.1	90.4	90.4	91.2	92.5
GE 600		56.7	67.7	73.7	79.2	80.1	83.6	85.5	85.8	88.6	89.7	89.7	91.0	91.0	91.8	93.3
GE 500		57.2	68.3	74.3	79.8	80.7	84.3	86.5	86.8	89.8	91.2	91.2	92.5	92.5	93.3	94.8
GE 400		57.2	68.5	74.4	80.3	81.2	84.8	87.0	87.3	90.3	91.6	91.6	93.0	93.0	93.7	95.2
GE 300		57.2	68.5	74.7	80.6	81.5	85.4	87.6	87.9	91.0	92.4	92.4	94.2	94.3	95.2	96.7
GE 200		57.2	68.5	74.7	80.6	81.5	85.4	87.6	87.9	91.0	92.4	92.4	94.2	94.5	96.0	98.5
GE 100		57.2	68.5	74.7	80.6	81.5	85.4	87.6	87.9	91.2	92.5	92.5	94.3	94.6	96.3	99.3
GE 0		57.2	68.5	74.7	80.6	81.5	85.4	87.6	87.9	91.2	92.5	92.5	94.3	94.6	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 669

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.3	45.1	49.2	53.7	55.5	55.6	56.3	56.6	56.6	56.8	57.2	57.2	57.2	57.2	57.4	57.4
GE 20000	.3	50.1	54.4	60.1	62.0	62.3	63.0	63.3	63.3	63.5	63.9	63.9	63.9	63.9	64.0	64.2
GE 18000	.3	50.5	55.0	60.7	62.6	62.9	63.6	63.9	63.9	64.0	64.5	64.5	64.5	64.5	64.6	64.8
GE 16000	.3	51.1	55.6	61.3	63.2	63.5	64.2	64.5	64.5	64.6	65.1	65.1	65.1	65.1	65.2	65.4
GE 14000	.3	52.3	56.9	62.6	64.5	64.8	65.5	65.8	65.8	65.9	66.4	66.4	66.4	66.4	66.5	66.7
GE 12000	.3	54.1	59.0	64.8	66.5	66.8	67.5	67.8	67.8	68.0	68.4	68.4	68.4	68.4	68.6	68.7
GE 10000	.3	56.0	61.0	67.2	69.3	69.6	70.3	70.6	70.6	70.7	71.2	71.2	71.2	71.2	71.3	71.5
GE 9000	.3	57.4	62.3	68.6	70.6	70.9	71.6	71.9	71.9	72.1	72.5	72.5	72.5	72.5	72.6	72.8
GE 8000	.3	59.5	64.5	70.7	72.9	73.2	73.9	74.2	74.2	74.4	74.8	74.8	74.8	74.8	75.0	75.1
GE 7000	.3	60.7	65.6	71.9	74.1	74.4	75.1	75.4	75.4	75.5	76.0	76.0	76.0	76.0	76.1	76.3
GE 6000	.3	61.9	66.8	73.1	75.4	75.7	76.4	76.7	76.7	76.9	77.3	77.3	77.3	77.3	77.4	77.6
GE 5000	.3	63.0	68.0	74.4	76.7	77.0	77.7	78.0	78.0	78.2	78.6	78.6	78.6	78.6	78.7	78.9
GE 4500	.3	64.5	69.6	76.0	78.3	78.6	79.3	79.6	79.6	79.8	80.2	80.2	80.2	80.2	80.3	80.5
GE 4000	.3	64.9	70.0	76.4	78.7	79.2	79.9	80.3	80.3	80.5	80.9	80.9	80.9	80.9	81.1	81.2
GE 3500	.3	65.2	70.3	76.7	79.0	79.5	80.2	80.6	80.6	80.8	81.2	81.2	81.2	81.2	81.4	81.5
GE 3000	.3	66.4	71.6	78.0	80.3	80.8	81.5	82.0	82.0	82.1	82.5	82.5	82.5	82.5	82.7	82.8
GE 2500	.3	67.8	73.1	79.8	82.1	82.5	83.3	83.7	83.7	84.0	84.4	84.4	84.4	84.4	84.6	84.7
GE 2000	.3	68.7	74.1	80.8	83.4	83.8	84.6	85.2	85.2	85.4	85.9	85.9	85.9	85.9	86.0	86.2
GE 1800	.3	68.7	74.1	80.9	83.6	84.0	84.7	85.3	85.3	85.6	86.0	86.0	86.0	86.0	86.2	86.3
GE 1500	.3	69.7	75.4	82.2	85.3	85.7	86.8	87.3	87.3	87.6	88.1	88.1	88.1	88.1	88.2	88.4
GE 1200	.3	70.3	76.3	83.3	86.3	86.8	87.9	88.5	88.5	88.8	89.4	89.4	89.4	89.4	89.5	89.7
GE 1000	.3	72.1	78.5	85.9	89.2	89.8	91.0	91.7	91.7	92.1	92.9	92.9	92.9	92.9	93.0	93.2
GE 900	.3	72.2	78.6	86.0	89.4	90.0	91.1	91.8	91.8	92.3	93.0	93.0	93.0	93.0	93.2	93.4
GE 800	.3	72.9	79.3	87.2	90.8	91.4	92.7	93.4	93.4	93.9	94.6	94.6	94.6	94.6	94.8	95.1
GE 700	.3	73.2	79.6	87.6	91.3	91.8	93.2	93.9	93.9	94.3	95.2	95.2	95.2	95.2	95.3	95.6
GE 600	.3	73.2	79.6	88.1	91.7	92.3	93.7	94.6	94.6	95.1	95.9	95.9	95.9	95.9	96.1	96.4
GE 500	.3	73.7	80.1	88.5	92.1	92.9	94.5	95.5	95.5	95.9	96.9	96.9	97.1	97.1	97.2	97.5
GE 400	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.9	96.4	97.4	97.4	97.7	97.7	98.0	98.3
GE 300	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.9	96.4	97.5	97.5	98.1	98.3	98.7	99.3
GE 200	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.9	96.4	97.5	97.5	98.1	98.3	98.8	99.4
GE 100	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.9	96.4	97.7	97.7	98.3	98.5	99.3	100.0
GE 0	.3	73.7	80.2	88.6	92.3	93.2	94.8	95.8	95.9	96.4	97.7	97.7	98.3	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		48.5	50.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000		62.3	63.9	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
GE 18000		63.2	64.8	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000		64.1	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
GE 14000		65.4	67.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000		67.2	68.8	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
GE 10000		70.9	72.7	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
GE 9000		72.6	74.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000		74.5	76.4	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
GE 7000		75.5	77.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 6000		76.6	78.5	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
GE 5000		78.6	80.9	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
GE 4500		79.1	81.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000		80.9	83.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500		81.3	83.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000		84.7	87.2	88.6	88.6	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500		86.6	89.5	90.8	90.8	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000		87.5	90.8	92.3	92.6	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800		87.8	91.1	92.6	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500		89.2	92.4	94.1	94.4	94.8	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200		90.2	93.6	95.3	95.5	96.0	96.1	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000		90.8	94.2	96.3	96.6	97.0	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900		90.9	94.7	96.7	97.0	97.5	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800		90.9	94.8	96.9	97.3	97.8	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700		90.9	94.8	97.0	97.8	98.2	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600		90.9	94.8	97.2	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		90.9	94.8	97.2	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		90.9	94.8	97.2	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		90.9	94.8	97.2	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		90.9	94.8	97.2	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		90.9	94.8	97.2	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		90.9	94.8	97.2	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-96
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		51.2	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000		64.6	66.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000		65.6	67.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000		66.1	67.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 14000		67.3	68.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000		70.6	71.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000		74.8	76.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000		76.3	77.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000		77.8	79.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000		78.9	80.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000		79.8	81.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 5000		83.4	84.7	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
GE 4500		84.4	85.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000		86.3	87.7	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
GE 3500		88.2	89.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000		92.3	93.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500		93.1	94.6	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000		94.1	95.6	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800		94.6	96.1	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
GE 1500		95.4	97.0	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200		95.4	97.0	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000		95.4	97.0	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900		95.4	97.0	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800		95.4	97.0	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700		95.4	97.0	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600		95.4	97.0	98.7	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		95.4	97.2	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		95.4	97.2	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		95.4	97.2	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		95.4	97.2	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		95.4	97.2	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		95.4	97.2	98.8	99.7	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: 608

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		63.6	63.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000		71.2	73.6	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
GE 18000		71.2	73.6	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
GE 16000		71.2	73.6	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
GE 14000		73.1	75.8	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
GE 12000		75.4	78.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000		76.9	79.6	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
GE 9000		78.1	80.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000		81.5	84.6	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
GE 7000		83.1	86.2	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
GE 6000		83.1	86.2	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
GE 5000		85.0	88.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4500		86.2	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000		88.8	91.9	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
GE 3500		90.4	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000		92.3	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2500		93.8	96.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000		95.0	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
GE 1800		95.0	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
GE 1500		95.0	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
GE 1200		95.0	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
GE 1000		95.0	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
GE 900		95.0	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
GE 800		95.0	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
GE 700		95.0	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
GE 600		95.0	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
GE 500		95.0	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
GE 400		95.0	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
GE 300		95.0	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
GE 200		95.0	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
GE 100		95.0	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
GE 0		95.0	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: 260

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-79,81-85
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		59.1	63.6	68.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 20000		63.6	68.2	72.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 18000		63.6	68.2	72.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000		63.6	68.2	72.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000		65.9	70.5	75.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000		67.0	71.6	76.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000		69.3	73.9	78.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 9000		69.3	73.9	78.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 8000		72.7	77.3	81.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000		72.7	77.3	81.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000		72.7	77.3	81.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000		73.9	78.4	83.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4500		76.1	80.7	85.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000		77.3	81.8	86.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500		77.3	81.8	86.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000		77.3	81.8	86.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500		80.7	85.2	89.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000		81.8	86.4	90.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800		81.8	86.4	90.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500		83.0	87.5	92.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200		85.2	89.8	94.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000		86.4	90.9	95.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900		87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800		87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700		87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600		87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500		87.5	92.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400		87.5	92.0	96.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		87.5	92.0	96.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		87.5	92.0	96.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		87.5	92.0	96.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		87.5	92.0	96.6	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: 68

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.1	46.1	49.7	52.4	54.1	54.3	55.2	55.6	55.6	56.0	56.2	56.2	56.4	56.4	56.6	56.9
GE 20000	.1	54.6	58.5	61.7	63.4	63.6	64.5	64.9	64.9	65.4	65.7	65.7	66.0	66.0	66.1	66.5
GE 18000	.1	55.1	59.1	62.3	63.9	64.2	65.1	65.5	65.5	66.0	66.3	66.3	66.5	66.5	66.7	67.1
GE 16000	.1	55.5	59.4	62.6	64.3	64.6	65.5	65.9	65.9	66.4	66.7	66.7	66.9	66.9	67.1	67.4
GE 14000	.1	56.6	60.6	63.8	65.5	65.8	66.7	67.1	67.1	67.6	67.9	67.9	68.1	68.1	68.3	68.6
GE 12000	.1	58.4	62.5	65.7	67.4	67.7	68.6	68.9	69.0	69.5	69.8	69.8	70.0	70.0	70.2	70.5
GE 10000	.1	60.8	65.0	68.5	70.3	70.5	71.4	71.8	71.8	72.4	72.7	72.7	72.9	72.9	73.1	73.4
GE 9000	.1	62.0	66.3	69.8	71.5	71.7	72.7	73.0	73.1	73.6	73.9	73.9	74.1	74.1	74.3	74.7
GE 8000	.1	63.8	68.2	71.8	73.6	73.8	74.7	75.1	75.1	75.7	76.0	76.0	76.2	76.2	76.4	76.8
GE 7000	.1	64.7	69.1	72.6	74.4	74.7	75.6	76.0	76.0	76.6	76.9	76.9	77.1	77.1	77.3	77.6
GE 6000	.1	65.5	69.9	73.4	75.3	75.6	76.5	76.9	76.9	77.4	77.7	77.7	78.0	78.0	78.2	78.5
GE 5000	.1	67.5	71.9	75.6	77.4	77.7	78.6	79.0	79.0	79.6	79.8	79.8	80.1	80.1	80.3	80.6
GE 4500	.1	68.5	73.1	76.7	78.6	78.8	79.7	80.1	80.2	80.7	81.0	81.0	81.2	81.2	81.4	81.8
GE 4000	.1	70.1	74.7	78.4	80.2	80.5	81.4	81.8	81.9	82.4	82.7	82.7	82.9	82.9	83.1	83.5
GE 3500	.1	71.8	75.6	79.3	81.1	81.4	82.3	82.7	82.8	83.3	83.6	83.6	83.8	83.8	84.1	84.4
GE 3000	.1	73.4	78.2	81.9	83.8	84.1	85.0	85.4	85.5	86.0	86.3	86.3	86.6	86.6	86.8	87.1
GE 2500	.1	74.9	79.7	83.6	85.5	85.8	86.7	87.2	87.2	87.8	88.1	88.1	88.3	88.3	88.5	88.9
GE 2000	.1	75.9	81.0	84.9	87.0	87.2	88.2	88.7	88.7	89.3	89.6	89.6	89.9	89.9	90.1	90.5
GE 1800	.1	76.1	81.1	85.1	87.2	87.5	88.4	88.9	88.9	89.5	89.8	89.8	90.1	90.1	90.3	90.7
GE 1500	.1	77.1	82.5	86.5	88.8	89.2	90.3	90.8	90.8	91.5	91.8	91.8	92.1	92.1	92.3	92.7
GE 1200	.1	77.6	83.1	87.1	89.4	89.9	91.0	91.5	91.5	92.2	92.6	92.6	92.8	92.8	93.0	93.4
GE 1000	.1	78.4	84.0	88.3	90.7	91.2	92.3	92.9	92.9	93.7	94.0	94.0	94.3	94.3	94.6	94.9
GE 900	.1	78.6	84.3	88.6	91.0	91.5	92.7	93.2	93.3	94.0	94.4	94.4	94.6	94.6	94.9	95.3
GE 800	.1	79.1	84.8	89.3	91.8	92.3	93.4	94.0	94.1	94.9	95.2	95.2	95.5	95.5	95.8	96.2
GE 700	.1	79.2	85.0	89.5	92.3	92.8	94.0	94.6	94.6	95.4	95.8	95.8	96.2	96.2	96.4	96.8
GE 600	.1	79.2	85.0	89.7	92.5	93.1	94.4	95.1	95.2	96.0	96.4	96.4	96.7	96.7	97.0	97.4
GE 500	.1	79.5	85.3	90.0	92.8	93.4	94.7	95.6	95.7	96.5	97.0	97.0	97.4	97.4	97.6	98.0
GE 400	.1	79.5	85.4	90.1	92.9	93.6	95.0	95.8	95.9	96.8	97.3	97.3	97.7	97.7	98.0	98.4
GE 300	.1	79.5	85.4	90.1	93.0	93.7	95.1	95.9	96.1	96.9	97.5	97.5	98.0	98.1	98.5	99.0
GE 200	.1	79.5	85.4	90.1	93.0	93.7	95.1	95.9	96.1	96.9	97.5	97.5	98.0	98.1	98.7	99.5
GE 100	.1	79.5	85.4	90.1	93.0	93.7	95.1	95.9	96.1	97.0	97.6	97.6	98.1	98.2	98.9	99.8
GE 0	.1	79.5	85.4	90.1	93.0	93.7	95.1	95.9	96.1	97.0	97.6	97.6	98.1	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 3175

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790J STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 80-83,86
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	80.0	84.6	84.6	84.6	84.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 20000	86.2	92.3	92.3	92.3	92.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 18000	86.2	92.3	92.3	92.3	92.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 16000	86.2	92.3	92.3	92.3	92.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 14000	86.2	92.3	92.3	92.3	92.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 12000	86.2	92.3	92.3	92.3	92.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 10000	87.7	93.8	93.8	93.8	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 9000	87.7	93.8	93.8	93.8	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 8000	87.7	93.8	93.8	93.8	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 7000	87.7	93.8	93.8	93.8	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 6000	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 5000	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4000	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	89.2	95.4	95.4	95.4	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	90.8	96.9	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE 1000	90.8	96.9	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE 900	90.8	96.9	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE 800	90.8	96.9	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE 700	90.8	96.9	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE 600	90.8	96.9	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE 500	90.8	96.9	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE 400	90.8	96.9	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE 300	90.8	96.9	96.9	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
GE 200	90.8	96.9	96.9	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
GE 100	90.8	96.9	96.9	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
GE 0	90.8	96.9	96.9	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

TOTAL NUMBER OF OBSERVATIONS: 65

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		40.5	47.5	53.5	55.5	57.5	58.0	59.0	59.0	60.5	61.0	61.0	62.5	62.5	63.0	63.0
GE 20000		42.5	50.0	56.0	58.0	59.5	60.5	61.5	61.5	63.0	63.5	63.5	65.0	65.0	65.5	65.5
GE 18000		42.5	50.0	56.0	58.0	59.5	60.5	61.5	61.5	63.0	63.5	63.5	65.0	65.0	65.5	65.5
GE 16000		43.0	50.5	56.5	58.5	60.0	61.0	62.0	62.0	63.5	64.0	64.0	65.5	65.5	66.0	66.0
GE 14000		43.0	50.5	56.5	58.5	60.0	61.0	62.0	62.0	63.5	64.0	64.0	65.5	65.5	66.0	66.0
GE 12000		44.0	52.5	58.5	60.5	62.0	63.0	64.0	64.0	65.5	66.0	66.0	67.5	67.5	68.0	68.0
GE 10000		45.5	54.0	60.0	62.0	63.5	64.5	65.5	65.5	67.0	67.5	67.5	69.0	69.0	69.5	69.5
GE 9000		46.5	55.0	61.0	63.0	64.5	65.5	66.5	66.5	68.0	68.5	68.5	70.0	70.0	70.5	70.5
GE 8000		49.0	58.0	65.0	67.0	68.5	69.5	70.5	70.5	72.0	72.5	72.5	74.0	74.0	74.5	74.5
GE 7000		49.0	58.5	65.5	67.5	69.0	70.0	71.0	71.0	72.5	73.0	73.0	74.5	74.5	75.0	75.0
GE 6000		49.0	58.5	65.5	67.5	69.0	70.0	71.0	71.0	72.5	73.0	73.0	74.5	74.5	75.0	75.0
GE 5000		49.5	59.0	68.0	70.0	71.5	72.5	73.5	73.5	75.0	75.5	75.5	77.0	77.0	77.5	77.5
GE 4500		50.0	59.5	68.5	70.5	72.0	73.0	74.0	74.0	75.5	76.0	76.0	77.5	77.5	78.0	78.0
GE 4000		50.5	60.0	69.0	71.0	72.5	73.5	74.5	74.5	76.0	76.5	76.5	78.0	78.0	78.5	78.5
GE 3500		51.0	60.5	69.5	71.5	73.0	74.0	75.0	75.0	76.5	77.0	77.0	78.5	78.5	79.0	79.0
GE 3000		52.0	61.5	70.5	72.5	74.0	75.0	76.0	76.0	77.5	78.0	78.0	79.5	79.5	80.0	80.0
GE 2500		53.0	62.5	72.0	74.0	75.5	76.5	77.5	77.5	79.0	79.5	79.5	81.0	81.0	81.5	81.5
GE 2000		53.0	63.0	72.5	75.0	76.5	78.5	79.5	79.5	81.0	81.5	81.5	83.0	83.0	83.5	83.5
GE 1800		53.5	63.5	73.0	75.5	77.0	79.0	80.0	80.0	81.5	82.0	82.0	83.5	83.5	84.0	84.0
GE 1500		55.0	65.0	74.5	77.0	78.5	80.5	81.5	81.5	83.0	83.5	83.5	85.0	85.0	85.5	85.5
GE 1200		55.0	65.0	74.5	77.0	78.5	80.5	81.5	81.5	83.0	83.5	83.5	85.0	85.0	85.5	85.5
GE 1000		55.0	65.0	75.0	77.5	79.0	81.5	82.5	82.5	84.0	84.5	84.5	86.0	86.0	86.5	86.5
GE 900		55.5	65.5	76.0	78.5	80.0	83.0	84.0	84.0	85.5	86.0	86.0	87.5	87.5	88.0	88.0
GE 800		55.5	65.5	76.0	78.5	80.0	83.0	84.0	84.0	85.5	86.0	86.0	87.5	87.5	88.0	88.5
GE 700		55.5	65.5	76.0	78.5	80.0	83.0	84.0	84.0	85.5	86.0	86.0	87.5	87.5	88.0	88.5
GE 600		55.5	65.5	76.0	78.5	80.5	84.0	85.0	85.0	86.5	87.0	87.0	88.5	88.5	89.0	89.5
GE 500		55.5	65.5	77.0	79.5	81.5	86.5	87.5	87.5	89.5	90.0	90.0	92.0	92.0	92.5	93.0
GE 400		56.0	66.0	77.5	80.0	82.5	87.5	88.5	88.5	90.5	91.0	91.0	93.0	93.0	94.0	94.5
GE 300		56.0	66.0	77.5	80.0	82.5	87.5	89.0	89.0	91.0	91.5	91.5	93.5	93.5	95.0	95.5
GE 200		56.0	66.0	77.5	80.5	83.0	88.0	89.5	89.5	92.5	93.0	93.0	95.0	95.0	96.5	96.0
GE 100		56.0	66.0	77.5	80.5	83.0	88.0	89.5	89.5	92.5	93.0	93.0	95.0	95.0	97.5	100.0
GE 0		56.0	66.0	77.5	80.5	83.0	88.0	89.5	89.5	92.5	93.0	93.0	95.0	95.0	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		31.6	39.5	45.7	49.7	49.7	51.6	53.0	53.0	54.0	54.3	54.3	55.3	55.3	56.1	56.5
GE 20000		35.5	44.4	51.1	55.3	55.3	57.2	58.6	58.6	59.6	59.9	59.9	60.9	60.9	61.8	62.3
GE 18000		35.6	44.6	51.3	55.4	55.4	57.3	58.8	58.8	59.7	60.1	60.1	61.0	61.0	62.0	62.5
GE 16000		35.9	44.9	51.6	55.8	55.8	57.7	59.1	59.1	60.1	60.4	60.4	61.3	61.3	62.3	62.8
GE 14000		36.3	45.2	51.9	56.1	56.1	58.0	59.4	59.4	60.4	60.7	60.7	61.7	61.7	62.6	63.1
GE 12000		36.4	45.5	52.0	56.9	56.9	58.8	60.2	60.2	61.2	61.5	61.5	62.5	62.5	63.4	63.9
GE 10000		40.3	49.5	56.7	61.0	61.0	62.9	64.5	64.5	65.5	66.0	66.0	66.9	66.9	67.9	68.4
GE 9000		41.2	50.5	57.7	62.0	62.0	63.9	65.5	65.5	66.5	66.9	66.9	67.9	67.9	68.8	69.3
GE 8000		42.2	51.9	59.3	63.6	63.6	65.5	67.1	67.1	68.1	68.5	68.5	69.5	69.5	70.4	70.9
GE 7000		43.3	53.2	60.5	64.9	64.9	66.8	68.4	68.4	69.3	69.8	69.8	70.8	70.8	71.7	72.2
GE 6000		43.3	53.4	60.7	65.0	65.0	66.9	68.5	68.5	69.5	70.0	70.0	70.9	70.9	71.9	72.4
GE 5000		44.1	54.3	62.1	66.6	66.6	68.5	70.1	70.1	71.1	71.6	71.6	72.5	72.5	73.5	74.0
GE 4500		44.4	54.6	62.5	66.9	66.9	68.8	70.4	70.4	71.4	71.9	71.9	72.8	72.8	73.8	74.3
GE 4000		46.0	56.2	64.1	68.5	68.5	70.6	72.2	72.2	73.2	73.6	73.6	74.6	74.6	75.7	76.2
GE 3500		46.6	57.0	65.0	69.5	69.5	71.6	73.2	73.2	74.1	74.6	74.6	75.6	75.6	76.7	77.2
GE 3000		48.6	59.6	67.9	72.7	72.7	74.8	76.4	76.4	77.3	77.8	77.8	78.8	78.8	80.0	80.5
GE 2500		50.2	61.5	70.4	75.6	75.6	77.6	79.2	79.2	80.2	80.7	80.7	81.6	81.6	82.9	83.4
GE 2000		50.8	62.5	71.6	77.3	77.3	79.4	81.2	81.2	82.1	82.6	82.6	83.5	83.5	84.8	85.3
GE 1800		50.8	62.5	71.6	77.3	77.3	79.4	81.2	81.2	82.1	82.6	82.6	83.5	83.5	84.8	85.3
GE 1500		52.1	63.9	73.2	78.9	78.9	81.2	82.9	82.9	83.9	84.3	84.3	85.3	85.3	86.6	87.1
GE 1200		52.7	64.9	74.1	80.0	80.0	82.7	84.6	84.0	85.0	85.5	85.5	86.4	86.4	87.7	88.2
GE 1000		53.2	65.5	74.8	80.7	80.8	83.2	85.1	85.1	86.1	86.6	86.6	87.9	87.9	89.1	89.6
GE 900		53.5	66.0	75.2	81.2	81.3	83.7	85.6	85.6	86.6	87.1	87.1	88.3	88.3	89.6	90.1
GE 800		53.5	66.0	75.2	81.2	81.3	83.7	85.6	85.6	86.6	87.2	87.2	88.5	88.5	89.8	90.4
GE 700		53.5	66.3	75.6	81.5	81.6	84.0	86.1	86.1	87.1	87.7	87.7	89.0	89.0	90.3	90.9
GE 600		54.0	66.8	76.4	82.3	82.4	84.8	86.9	86.9	87.9	88.8	88.8	90.1	90.1	91.4	92.0
GE 500		54.2	67.3	77.0	83.4	83.7	86.4	88.5	88.5	89.6	90.6	90.6	92.0	92.0	93.3	94.1
GE 400		54.2	67.3	77.0	84.2	84.5	87.2	89.3	89.3	90.4	91.4	91.4	93.0	93.0	94.2	95.2
GE 300		54.2	67.3	77.2	84.3	84.7	87.4	89.6	89.6	90.7	91.9	91.9	93.6	93.6	95.0	96.3
GE 200		54.2	67.3	77.2	84.3	84.7	87.4	89.9	89.9	91.1	92.2	92.7	94.4	94.4	96.3	98.7
GE 100		54.2	67.3	77.2	84.3	84.7	87.4	89.9	89.9	91.1	92.2	92.7	94.4	94.4	96.5	100.0
GE 0		54.2	67.3	77.2	84.3	84.7	87.4	89.9	89.9	91.1	92.2	92.7	94.4	94.4	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 626

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.5	45.0	47.3	48.4	48.5	49.0	49.2	49.2	49.2	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	51.5	55.3	56.1	59.4	59.6	60.1	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5
GE 18000	52.4	56.2	59.0	60.4	60.5	61.0	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	53.1	57.0	59.8	61.1	61.3	61.8	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	54.2	58.1	60.8	62.2	62.4	62.8	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3
GE 12000	55.6	59.8	62.8	64.2	64.4	64.8	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3
GE 10000	60.1	64.1	67.7	69.1	69.3	69.9	70.0	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4
GE 9000	60.7	64.7	68.4	69.7	69.9	70.5	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	63.3	67.3	71.1	72.5	72.7	73.3	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	65.3	69.3	73.1	74.5	74.7	75.3	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	65.7	69.7	73.6	75.0	75.1	75.7	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	67.6	71.6	75.4	76.8	77.0	77.6	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	68.2	72.4	76.5	77.9	78.0	78.6	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1
GE 4000	69.4	73.9	78.0	79.4	79.6	80.2	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	70.7	75.1	79.3	80.6	80.8	81.4	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	72.4	77.0	81.6	83.4	83.6	84.2	84.3	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	73.9	78.5	83.4	85.3	85.4	86.2	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	75.9	80.6	85.7	87.6	87.7	88.5	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	75.9	80.6	85.7	87.6	87.7	88.5	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1
GE 1500	76.8	81.7	87.1	89.1	89.2	90.0	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	77.7	82.6	88.0	90.0	90.2	90.9	91.2	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	78.5	83.7	89.6	91.7	91.9	93.2	93.5	93.5	93.7	94.0	94.0	94.2	94.2	94.2	94.2
GE 900	78.5	83.7	89.6	91.7	91.9	93.2	93.5	93.5	93.7	94.0	94.0	94.2	94.2	94.2	94.2
GE 800	78.8	84.2	90.0	92.2	92.3	94.2	94.5	94.5	94.6	94.9	94.9	95.1	95.1	95.1	95.1
GE 700	79.0	84.3	90.6	92.9	93.2	95.1	95.5	95.5	95.7	96.2	96.2	96.3	96.3	96.3	96.3
GE 600	79.1	84.6	91.4	93.7	94.2	96.0	96.8	96.8	96.9	97.4	97.4	97.5	97.5	97.7	97.7
GE 500	79.3	84.9	91.7	94.0	94.5	96.3	97.1	97.1	97.2	97.7	97.7	97.8	97.8	98.0	98.0
GE 400	79.6	85.3	92.0	94.5	94.9	96.9	97.7	97.7	98.2	98.8	98.8	99.1	99.1	99.2	99.2
GE 300	79.6	85.3	92.0	94.5	95.1	97.2	98.0	98.0	98.5	99.1	99.1	99.4	99.4	99.7	99.7
GE 200	79.6	85.3	92.0	94.5	95.1	97.2	98.0	98.0	98.5	99.1	99.1	99.4	99.4	99.7	99.8
GE 100	79.6	85.3	92.0	94.5	95.1	97.2	98.0	98.0	98.5	99.1	99.1	99.4	99.4	99.7	100.0
GE 0	79.6	85.3	92.0	94.5	95.1	97.2	98.0	98.0	98.5	99.1	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		48.6	49.5	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000		62.3	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 18000		63.4	65.3	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
GE 16000		63.7	65.7	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
GE 14000		65.5	67.4	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000		68.2	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000		71.1	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000		72.2	74.3	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000		75.6	77.8	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000		76.7	79.0	79.9	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000		77.5	79.8	80.7	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000		79.8	82.0	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500		80.9	83.3	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000		83.1	85.7	86.7	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500		84.8	87.3	88.4	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000		87.5	90.0	92.0	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500		89.4	92.1	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000		89.7	92.6	94.5	95.0	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800		89.7	92.9	94.9	95.3	95.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500		90.7	94.1	96.0	96.5	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3
GE 1200		91.0	94.4	96.5	97.0	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 1000		91.7	95.8	97.9	98.4	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 900		92.0	96.1	98.2	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 800		92.0	96.1	98.2	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 700		92.1	96.3	98.6	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600		92.1	96.3	98.6	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500		92.1	96.3	98.6	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400		92.1	96.3	98.6	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300		92.1	96.3	98.6	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200		92.1	96.3	98.6	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100		92.1	96.3	98.6	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0		92.1	96.3	98.6	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	65.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	66.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 16000	67.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 14000	68.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	74.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	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	76.7
GE 8000	79.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	81.7	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
GE 6000	82.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	84.1	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	85.0	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	86.9
GE 4000	88.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	90.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	93.6	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	94.4	97.0	97.2	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
GE 2000	94.8	97.6	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	94.8	97.6	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	94.9	98.1	98.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	94.9	98.3	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.8	99.1	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.8	99.1	99.5	99.7	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: 574

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	65.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 20000	77.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 18000	77.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 16000	77.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 14000	79.3	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 12000	79.9	80.8	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
GE 10000	82.9	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	82.9	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 8000	85.4	86.3	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
GE 7000	85.7	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 6000	86.3	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 5000	87.2	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	89.0
GE 4500	87.8	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4000	90.5	91.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	90.5	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	93.6	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	94.5	96.3	97.3	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
GE 2000	95.4	97.3	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	95.4	97.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	96.0	97.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 328

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-84,86
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		77.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 20000		83.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 18000		83.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 16000		83.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 14000		84.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 12000		84.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 10000		87.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 9000		88.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 8000		89.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 7000		89.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 6000		91.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 5000		92.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4500		93.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 4000		93.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500		93.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000		93.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500		93.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 178

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		47.6	51.1	53.2	54.3	54.5	55.0	55.4	55.4	55.7	55.8	55.8	56.1	56.1	56.3	56.4
GE 20000		57.5	61.4	63.7	65.0	65.1	65.6	66.0	66.0	66.3	66.4	66.4	66.7	66.7	66.9	67.0
GE 18000		58.2	62.1	64.4	65.7	65.8	66.3	66.7	66.7	67.0	67.1	67.1	67.4	67.4	67.6	67.7
GE 16000		58.6	62.5	64.8	66.0	66.2	66.7	67.1	67.1	67.4	67.5	67.5	67.8	67.8	68.0	68.1
GE 14000		59.6	63.5	65.9	67.1	67.2	67.8	68.2	68.2	68.4	68.6	68.6	68.9	68.9	69.1	69.2
GE 12000		61.2	65.3	67.8	69.1	69.2	69.7	70.1	70.1	70.4	70.5	70.5	70.8	70.8	71.0	71.1
GE 10000		64.3	68.5	71.1	72.4	72.5	73.1	73.5	73.5	73.8	74.0	74.0	74.2	74.2	74.5	74.5
GE 9000		65.2	69.4	72.0	73.3	73.4	74.0	74.4	74.4	74.6	74.8	74.8	75.1	75.1	75.3	75.4
GE 8000		67.7	72.1	74.9	76.2	76.3	76.9	77.3	77.3	77.6	77.8	77.8	78.1	78.1	78.3	78.4
GE 7000		69.0	73.5	76.4	77.6	77.8	78.4	78.8	78.8	79.0	79.2	79.2	79.5	79.5	79.7	79.8
GE 6000		69.5	74.1	76.9	78.2	78.3	78.9	79.3	79.3	79.6	79.8	79.8	80.1	80.1	80.3	80.4
GE 5000		71.0	75.6	78.7	80.0	80.1	80.7	81.1	81.1	81.4	81.6	81.6	81.8	81.8	82.1	82.2
GE 4500		71.7	76.4	79.5	80.8	80.9	81.5	81.9	81.9	82.2	82.4	82.4	82.7	82.7	82.9	83.0
GE 4000		73.7	78.5	81.7	83.0	83.1	83.8	84.2	84.2	84.4	84.6	84.6	84.9	84.9	85.1	85.2
GE 3500		74.7	79.6	82.8	84.2	84.3	84.9	85.3	85.3	85.6	85.8	85.8	86.1	86.1	86.3	86.4
GE 3000		76.8	81.9	85.5	87.0	87.1	87.8	88.2	88.2	88.5	88.7	88.7	88.9	88.9	89.2	89.3
GE 2500		78.1	83.4	87.1	88.8	88.9	89.6	90.0	90.0	90.3	90.4	90.4	90.7	90.7	91.0	91.1
GE 2000		78.9	84.4	88.2	90.0	90.2	90.9	91.5	91.5	91.7	91.9	91.9	92.2	92.2	92.5	92.6
GE 1800		79.0	84.5	88.4	90.2	90.3	91.1	91.6	91.6	91.9	92.0	92.0	92.3	92.3	92.6	92.7
GE 1500		79.8	85.4	89.4	91.3	91.4	92.3	92.8	92.8	93.1	93.3	93.3	93.6	93.6	93.8	93.9
GE 1200		80.2	85.9	90.0	91.9	92.0	92.9	93.4	93.4	93.7	93.8	93.8	94.1	94.1	94.4	94.5
GE 1000		80.7	86.7	90.9	92.8	93.0	94.0	94.5	94.5	94.9	95.0	95.0	95.4	95.4	95.7	95.8
GE 900		80.8	86.9	91.1	93.0	93.2	94.2	94.8	94.8	95.1	95.3	95.3	95.7	95.7	96.0	96.1
GE 800		80.9	87.0	91.2	93.1	93.3	94.4	95.0	95.0	95.3	95.5	95.5	95.9	95.9	96.2	96.3
GE 700		81.0	87.1	91.4	93.4	93.6	94.7	95.3	95.3	95.7	95.9	95.9	96.3	96.3	96.6	96.7
GE 600		81.1	87.3	91.7	93.7	94.0	95.1	95.8	95.8	96.1	96.4	96.4	96.8	96.8	97.1	97.3
GE 500		81.1	87.4	92.0	94.0	94.3	95.7	96.4	96.4	96.7	97.0	97.0	97.5	97.5	97.8	98.0
GE 400		81.2	87.5	92.1	94.3	94.6	96.0	96.7	96.7	97.1	97.5	97.5	98.0	98.0	98.3	98.6
GE 300		81.2	87.5	92.1	94.4	94.7	96.1	96.9	96.9	97.3	97.7	97.7	98.2	98.2	98.7	99.0
GE 200		81.2	87.5	92.1	94.4	94.8	96.2	97.0	97.0	97.5	97.8	97.9	98.5	98.5	99.0	99.6
GE 100		81.2	87.5	92.1	94.4	94.8	96.2	97.0	97.0	97.5	97.8	97.9	98.5	98.5	99.1	100.0
GE 0		81.2	87.5	92.1	94.4	94.8	96.2	97.0	97.0	97.5	97.8	97.9	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 3245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77,80-82
MONTH: MAR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000		55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000		55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000		55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000		55.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000		61.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000		66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500		72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000		72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500		72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000		72.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500		72.2	77.8	77.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		72.2	94.4	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		72.2	94.4	94.4	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: 18

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		46.8	59.2	65.6	66.5	66.5	67.9	68.3	68.3	70.2	70.6	70.6	71.6	71.6	72.9	74.3
GE 20000		47.7	61.9	68.3	69.3	69.3	71.1	71.6	71.6	73.4	73.9	73.9	74.8	74.8	76.1	77.5
GE 18000		47.7	61.9	68.3	69.3	69.3	71.1	71.6	71.6	73.4	73.9	73.9	74.8	74.8	76.1	77.5
GE 16000		47.7	61.9	68.3	69.3	69.3	71.1	71.6	71.6	73.4	73.9	73.9	74.8	74.8	76.1	77.5
GE 14000		47.7	61.9	68.3	69.3	69.3	71.1	71.6	71.6	73.4	73.9	73.9	74.8	74.8	76.1	77.5
GE 12000		48.2	62.4	68.8	69.7	69.7	71.6	72.0	72.0	73.9	74.3	74.3	75.2	75.2	76.6	78.0
GE 10000		49.5	63.8	70.6	71.6	71.6	73.4	73.9	73.9	75.7	76.1	76.1	77.1	77.1	78.4	79.8
GE 9000		50.0	64.2	71.1	72.0	72.0	73.9	74.3	74.3	76.1	76.6	76.6	77.5	77.5	78.9	80.3
GE 8000		50.5	64.7	71.6	72.5	72.5	74.3	74.8	74.8	76.6	77.1	77.1	78.0	78.0	79.4	80.7
GE 7000		51.8	66.1	72.9	73.9	73.9	75.7	76.1	76.1	78.0	78.4	78.4	79.4	79.4	80.7	82.1
GE 6000		51.8	67.0	73.9	74.8	74.8	76.6	77.1	77.1	78.9	79.4	79.4	80.3	80.3	81.7	83.0
GE 5000		52.3	67.4	74.3	75.2	75.2	77.1	77.5	77.5	79.4	79.8	79.8	80.7	80.7	82.1	83.5
GE 4500		52.8	67.9	74.8	75.7	75.7	77.5	78.0	78.0	79.8	80.3	80.3	81.2	81.2	82.6	83.9
GE 4000		53.2	68.8	75.7	76.6	76.6	78.9	79.4	79.4	81.2	81.7	81.7	82.6	82.6	83.9	85.3
GE 3500		54.6	70.2	77.1	78.0	78.0	80.3	80.7	80.7	82.6	83.0	83.0	83.9	83.9	85.3	86.7
GE 3000		55.5	71.1	78.0	78.9	78.9	81.2	81.7	81.7	83.5	83.9	83.9	84.9	84.9	86.2	87.6
GE 2500		56.9	72.9	79.8	80.7	80.7	83.0	83.5	83.5	85.8	86.2	86.2	87.2	87.2	88.5	89.9
GE 2000		57.3	73.9	80.7	81.7	81.7	83.9	84.4	84.4	86.7	87.2	87.2	88.1	88.1	89.4	90.8
GE 1800		57.3	73.9	80.7	82.1	82.1	84.4	84.9	84.9	87.2	87.6	87.6	88.5	88.5	89.9	91.3
GE 1500		57.8	74.8	81.7	83.0	83.0	85.3	85.8	85.8	88.1	88.5	88.5	89.4	89.4	90.8	92.2
GE 1200		58.3	75.7	82.6	83.9	83.9	86.2	86.7	86.7	89.0	89.4	89.4	90.4	90.4	91.7	93.1
GE 1000		59.2	77.5	84.4	85.8	85.8	88.1	88.5	88.5	90.8	91.3	91.3	92.2	92.2	93.6	95.0
GE 900		59.2	77.5	84.4	85.8	85.8	88.1	88.5	88.5	90.8	91.3	91.3	92.2	92.2	93.6	95.0
GE 800		59.2	77.5	84.4	85.8	85.8	88.1	88.5	88.5	90.8	91.3	91.3	92.2	92.2	93.6	95.0
GE 700		59.6	78.0	84.9	86.2	86.2	88.5	89.0	89.0	91.3	91.7	91.7	92.7	92.7	94.0	95.4
GE 600		60.1	78.4	85.8	87.2	87.2	89.4	89.9	89.9	92.2	92.7	92.7	93.6	93.6	95.0	96.3
GE 500		60.1	78.4	85.8	87.2	87.6	89.9	90.4	90.4	92.7	93.1	93.1	94.0	94.0	95.4	96.8
GE 400		60.1	78.4	85.8	87.6	88.1	90.4	90.8	90.8	93.1	93.6	93.6	94.5	94.5	95.9	97.2
GE 300		60.1	78.4	85.8	87.6	88.1	90.4	90.8	90.8	93.6	94.0	94.0	95.0	95.0	96.3	98.6
GE 200		60.1	78.4	85.8	87.6	88.1	90.4	90.8	90.8	93.6	94.0	94.0	95.0	95.0	96.3	99.5
GE 100		60.1	78.4	85.8	87.6	88.1	90.4	90.8	90.8	93.6	94.0	94.0	95.0	95.0	96.3	99.5
GE 0		60.1	78.4	85.8	87.6	88.1	90.4	90.8	90.8	93.6	94.0	94.0	95.0	95.0	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 218

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		34.6	42.7	48.3	51.9	52.3	53.4	54.5	54.6	55.5	56.5	56.5	57.8	57.8	58.9	60.3
GE 20000		38.9	47.6	53.4	57.5	57.9	59.3	60.3	60.5	61.5	62.5	62.5	63.8	63.8	65.1	66.5
GE 18000		38.9	47.6	53.4	57.5	57.9	59.3	60.3	60.5	61.5	62.5	62.5	63.8	63.8	65.1	66.5
GE 16000		39.2	47.8	53.7	57.8	58.2	59.6	60.6	60.8	61.8	62.8	62.8	64.1	64.1	65.4	66.8
GE 14000		39.5	48.3	54.2	58.2	58.6	60.1	61.1	61.2	62.2	63.2	63.2	64.5	64.5	65.8	67.2
GE 12000		39.9	48.9	54.7	58.8	59.2	60.6	61.6	61.8	62.8	63.8	63.8	65.1	65.1	66.4	67.8
GE 10000		41.8	50.9	56.9	60.9	61.4	62.8	63.8	63.9	65.1	66.1	66.1	67.4	67.4	68.7	70.1
GE 9000		42.4	51.4	57.5	61.5	61.9	63.4	64.4	64.5	65.7	66.7	66.7	68.1	68.1	69.5	71.0
GE 8000		42.8	51.9	58.0	62.1	62.5	63.9	65.2	65.4	66.5	67.5	67.5	69.0	69.0	70.4	71.8
GE 7000		43.8	53.0	59.5	63.5	63.9	65.4	66.7	66.8	68.0	69.0	69.0	70.4	70.4	71.8	73.3
GE 6000		44.4	53.6	60.1	64.1	64.5	65.9	67.2	67.4	68.5	69.5	69.5	71.0	71.0	72.4	73.9
GE 5000		45.5	54.9	61.4	65.4	65.8	67.2	68.5	68.7	69.8	70.8	70.8	72.3	72.3	73.7	75.1
GE 4500		46.3	55.9	62.4	66.4	66.8	68.2	69.5	69.7	70.8	71.8	71.8	73.3	73.3	74.7	76.1
GE 4000		47.0	56.6	63.5	67.5	68.0	69.4	70.7	70.8	72.0	73.0	73.0	74.4	74.4	76.1	77.6
GE 3500		48.1	58.0	64.9	69.0	69.4	70.8	72.1	72.3	73.4	74.4	74.4	75.9	75.9	77.6	79.0
GE 3000		49.3	59.3	66.5	70.7	71.1	72.6	74.0	74.1	75.3	76.3	76.3	77.7	77.7	79.5	80.9
GE 2500		51.0	61.2	68.7	73.3	73.7	75.1	76.6	76.7	77.9	78.9	78.9	80.3	80.3	82.0	83.5
GE 2000		51.7	62.6	70.1	74.9	75.4	76.9	78.4	78.6	79.7	80.7	80.7	82.3	82.3	84.1	85.5
GE 1800		51.7	62.6	70.1	74.9	75.4	76.9	78.4	78.6	79.7	80.7	80.7	82.3	82.3	84.1	85.5
GE 1500		52.2	63.5	71.1	76.1	76.7	78.6	80.3	80.5	81.6	82.6	82.6	84.2	84.2	85.9	87.4
GE 1200		52.7	64.4	72.1	77.2	77.7	79.7	81.5	81.6	82.8	83.8	83.8	85.3	85.3	87.1	88.5
GE 1000		54.6	66.5	74.7	79.9	80.5	82.5	84.2	84.3	85.5	86.5	86.5	88.1	88.1	89.8	91.2
GE 900		54.7	66.7	74.9	80.0	80.6	82.6	84.6	84.8	85.9	86.9	86.9	88.5	88.5	90.2	91.7
GE 800		54.9	67.1	75.3	80.5	81.0	83.2	85.3	85.5	86.6	87.8	87.8	89.4	89.4	91.2	92.8
GE 700		55.3	67.5	76.0	81.2	81.8	83.9	86.4	86.5	87.8	88.9	88.9	90.5	90.5	92.4	94.0
GE 600		55.7	68.0	76.4	81.9	82.5	84.6	87.2	87.4	88.6	89.8	89.8	91.4	91.4	93.2	94.8
GE 500		55.9	68.2	76.7	82.3	82.9	85.3	88.1	88.2	89.5	90.7	90.7	92.2	92.2	94.3	96.1
GE 400		56.5	68.8	77.4	83.5	84.1	86.6	89.5	89.7	91.2	92.4	92.4	94.3	94.3	96.3	98.1
GE 300		56.5	69.8	77.4	83.5	84.1	86.6	89.5	89.7	91.4	92.7	92.7	94.5	94.5	96.7	98.9
GE 200		56.5	68.6	77.4	83.5	84.1	86.6	89.5	89.7	91.4	92.7	92.7	94.5	94.8	97.0	99.3
GE 100		56.5	68.6	77.4	83.5	84.1	86.6	89.5	89.7	91.4	92.7	92.7	94.5	94.8	97.1	99.6
GE 0		56.5	68.8	77.4	83.5	84.1	86.6	89.5	89.7	91.4	92.7	92.7	94.5	94.8	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		52.3	54.3	55.0	55.5	55.8	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3
GE 20000		61.3	62.9	64.0	64.7	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6
GE 18000		61.6	63.5	64.6	65.3	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
GE 16000		61.7	63.6	64.7	65.4	65.7	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3
GE 14000		62.3	64.2	65.6	66.3	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1
GE 12000		63.4	65.4	66.8	67.5	67.8	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
GE 10000		65.2	67.2	68.7	69.4	69.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
GE 9000		66.1	68.2	69.7	70.5	70.8	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3
GE 8000		67.5	69.6	71.1	72.0	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9
GE 7000		68.3	70.5	72.0	73.1	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0
GE 6000		69.1	71.3	72.9	74.0	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8
GE 5000		72.0	74.2	75.9	77.0	77.4	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
GE 4500		73.4	75.6	77.3	78.4	78.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
GE 4000		75.3	77.7	79.3	80.6	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
GE 3500		76.4	78.9	80.9	82.2	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
GE 3000		79.6	82.1	84.0	85.4	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4
GE 2500		82.0	84.4	86.5	87.9	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
GE 2000		83.6	86.5	88.6	89.9	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2
GE 1800		83.9	86.8	88.8	90.4	90.8	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6
GE 1500		84.6	87.5	90.1	91.7	92.6	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7
GE 1200		85.3	88.2	91.0	92.7	93.7	94.4	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.9	94.9
GE 1000		86.1	89.0	91.9	93.5	94.5	95.2	95.6	95.6	95.7	95.7	95.7	95.9	95.9	96.0	96.0
GE 900		86.4	89.3	92.4	94.1	95.2	96.0	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.8	96.8
GE 800		86.8	89.7	93.0	94.6	95.7	96.6	97.0	97.1	97.2	97.2	97.2	97.4	97.4	97.5	97.5
GE 700		86.8	89.7	93.0	94.9	96.0	96.8	97.2	97.5	97.7	97.7	97.7	97.9	97.8	97.9	97.9
GE 600		87.1	90.1	93.5	95.7	96.8	97.7	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.8	98.8
GE 500		87.3	90.5	93.9	96.1	97.2	98.2	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.3	99.3
GE 400		87.6	90.8	94.2	96.4	97.5	98.6	99.0	99.3	99.4	99.4	99.4	99.6	99.6	99.7	99.7
GE 300		87.9	91.0	94.5	96.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 200		87.9	91.0	94.5	96.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 100		87.9	91.0	94.5	96.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 0		87.9	91.0	94.5	96.7	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH
USAFLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.9	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	68.7	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
GE 18000	69.2	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 16000	69.5	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	70.1	70.2	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
GE 12000	71.2	71.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000	74.0	74.1	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	74.4	74.5	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
GE 8000	76.0	76.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000	77.4	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	78.4	79.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	81.7	82.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	83.0	83.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0
GE 4000	85.0	85.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	87.7	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	91.6	92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	93.6	94.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	95.0	95.9	97.7	97.7	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	95.0	95.9	97.9	97.9	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	95.4	96.4	98.6	98.7	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	95.6	96.6	98.9	99.0	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	95.6	96.6	98.9	99.1	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	95.6	96.6	98.9	99.1	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	95.6	96.6	98.9	99.1	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	95.6	96.6	98.9	99.1	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.7	96.7	99.0	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.7	96.7	99.0	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.7	96.7	99.0	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.7	96.7	99.0	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.7	96.7	99.0	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.7	96.7	99.0	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.7	96.7	99.0	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 699

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		57.7	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000		70.0	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 18000		70.1	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000		70.4	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 14000		72.3	72.3	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 12000		73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 10000		76.2	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000		76.8	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 8000		78.3	78.6	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000		79.6	79.9	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 6000		80.8	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 5000		84.2	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500		86.4	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000		87.9	88.4	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
GE 3500		90.2	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000		93.2	94.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500		94.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000		95.7	96.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800		95.7	96.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500		95.8	96.9	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200		96.0	97.1	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000		96.4	97.5	98.6	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900		96.4	97.5	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800		96.4	97.5	98.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700		96.6	97.7	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		96.6	97.8	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		96.6	97.8	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		96.6	97.8	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		96.6	97.8	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		96.6	97.8	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		96.6	97.8	99.1	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		96.6	97.8	99.1	99.4	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: 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		70.1	70.4	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 20000		77.0	77.3	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000		77.5	77.8	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 16000		77.8	78.1	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
GE 14000		78.4	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 12000		79.7	80.0	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
GE 10000		81.4	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 9000		83.3	83.6	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 8000		84.9	85.2	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
GE 7000		87.1	87.4	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 6000		88.8	89.1	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 5000		91.8	92.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500		92.3	92.6	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4000		94.2	94.5	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500		94.5	95.1	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
GE 3000		95.6	96.2	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500		96.7	97.3	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000		97.5	98.1	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800		97.5	98.1	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500		97.5	98.1	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200		97.5	98.1	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		97.5	98.1	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		97.5	98.1	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		97.5	98.1	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700		97.5	98.1	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		97.8	98.4	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
GE 500		97.8	98.4	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
GE 400		97.8	98.4	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
GE 300		97.8	98.4	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
GE 200		97.8	98.4	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
GE 100		97.8	98.4	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
GE 0		97.8	98.4	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

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	81.9	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
GE 20000	84.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 18000	84.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 16000	84.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 14000	85.4	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	86.8	86.8
GE 12000	87.5	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	88.9	88.9
GE 10000	90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000	90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 8000	92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 7000	92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 6000	93.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 5000	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4500	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	95.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3500	95.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3000	95.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 144

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		53.1	56.0	57.8	58.7	58.9	59.2	59.5	59.5	59.8	60.1	60.1	60.4	60.4	60.7	61.1
GE 20000		61.6	64.7	66.7	67.8	67.9	68.3	68.6	68.7	69.0	69.2	69.2	69.5	69.5	69.9	70.3
GE 18000		61.9	65.0	67.0	68.1	68.2	68.7	68.9	69.0	69.3	69.5	69.5	69.8	69.8	70.2	70.6
GE 16000		62.1	65.3	67.3	68.3	68.5	68.9	69.2	69.2	69.5	69.8	69.8	70.1	70.1	70.4	70.8
GE 14000		62.8	66.0	68.1	69.2	69.3	69.7	70.0	70.0	70.4	70.6	70.6	70.9	70.9	71.3	71.7
GE 12000		63.9	67.1	69.2	70.2	70.4	70.8	71.1	71.1	71.4	71.7	71.7	72.0	72.0	72.4	72.8
GE 10000		66.1	69.4	71.6	72.6	72.8	73.2	73.5	73.5	73.9	74.1	74.1	74.4	74.4	74.8	75.2
GE 9000		66.8	70.1	72.3	73.4	73.5	74.0	74.3	74.3	74.6	74.9	74.9	75.2	75.2	75.6	76.0
GE 8000		68.1	71.4	73.6	74.8	74.9	75.3	75.7	75.7	76.1	76.3	76.3	76.7	76.7	77.1	77.4
GE 7000		69.2	72.7	75.1	76.3	76.4	76.8	77.2	77.2	77.5	77.8	77.8	78.1	78.1	78.5	78.9
GE 6000		70.2	73.7	76.1	77.2	77.4	77.8	78.1	78.2	78.5	78.8	78.8	79.1	79.1	79.5	79.9
GE 5000		72.7	76.2	78.6	79.8	80.0	80.4	80.7	80.8	81.1	81.3	81.3	81.7	81.7	82.1	82.5
GE 4500		73.9	77.4	79.9	81.1	81.3	81.7	82.1	82.1	82.4	82.7	82.7	83.0	83.0	83.4	83.8
GE 4000		75.3	79.0	81.6	82.8	83.0	83.5	83.8	83.8	84.2	84.4	84.4	84.8	84.8	85.2	85.6
GE 3500		76.9	80.7	83.3	84.6	84.8	85.2	85.6	85.6	85.9	86.2	86.2	86.5	86.5	87.0	87.4
GE 3000		79.2	83.2	85.9	87.2	87.4	87.8	88.2	88.2	88.6	88.8	88.8	89.2	89.2	89.6	90.0
GE 2500		81.0	85.1	87.9	89.3	89.5	90.0	90.3	90.4	90.7	91.0	91.0	91.3	91.3	91.8	92.2
GE 2000		82.1	86.5	89.5	90.9	91.2	91.7	92.1	92.2	92.5	92.8	92.8	93.2	93.2	93.6	94.0
GE 1800		82.1	86.6	89.6	91.1	91.3	91.9	92.3	92.3	92.7	93.0	93.0	93.3	93.3	93.8	94.2
GE 1500		82.5	87.1	90.3	91.9	92.3	92.9	93.4	93.4	93.8	94.0	94.0	94.4	94.4	94.9	95.2
GE 1200		82.9	87.5	90.8	92.5	92.9	93.6	94.0	94.0	94.4	94.7	94.7	95.1	95.1	95.5	95.9
GE 1000		83.6	88.3	91.7	93.4	93.8	94.6	95.0	95.1	95.5	95.7	95.7	96.1	96.1	96.6	97.0
GE 900		83.7	88.4	91.9	93.6	94.0	94.8	95.3	95.4	95.8	96.0	96.0	96.4	96.4	96.9	97.2
GE 800		83.8	88.6	92.1	93.8	94.2	95.0	95.6	95.6	96.0	96.3	96.3	96.7	96.7	97.2	97.6
GE 700		83.9	88.7	92.3	94.0	94.4	95.3	95.9	96.0	96.4	96.7	96.7	97.1	97.1	97.6	98.0
GE 600		84.1	89.0	92.6	94.5	94.9	95.7	96.4	96.5	96.9	97.2	97.2	97.6	97.6	98.1	98.5
GE 500		84.2	89.2	92.6	94.6	95.1	96.0	96.7	96.8	97.2	97.5	97.5	97.9	97.9	98.4	98.9
GE 400		84.4	89.3	93.0	95.0	95.4	96.4	97.1	97.2	97.7	98.0	98.0	98.4	98.4	98.9	99.4
GE 300		84.5	89.4	93.0	95.0	95.5	96.5	97.2	97.3	97.8	98.1	98.1	98.6	98.6	99.1	99.7
GE 200		84.5	89.4	93.0	95.0	95.5	96.5	97.2	97.3	97.8	98.1	98.1	98.6	98.6	99.2	99.8
GE 100		84.5	89.4	93.0	95.0	95.5	96.5	97.2	97.3	97.8	98.1	98.1	98.6	98.6	99.2	99.9
GE 0		84.5	89.4	93.0	95.0	95.5	96.5	97.2	97.3	97.8	98.1	98.1	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 3512

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 79,81-82
MONTH: APR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		76.3	81.6	86.8	86.8	86.8	89.5	89.5	89.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 20000		76.3	81.6	86.8	86.8	86.8	89.5	89.5	89.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 18000		76.3	81.6	86.8	86.8	86.8	89.5	89.5	89.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 16000		76.3	81.6	86.8	86.8	86.8	89.5	89.5	89.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 14000		78.9	84.2	89.5	89.5	89.5	92.1	92.1	92.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 12000		78.9	84.2	89.5	89.5	89.5	92.1	92.1	92.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 10000		78.9	84.2	89.5	89.5	89.5	92.1	92.1	92.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 9000		78.9	84.2	89.5	89.5	89.5	92.1	92.1	92.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 8000		78.9	84.2	89.5	89.5	89.5	92.1	92.1	92.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 7000		81.6	86.8	92.1	92.1	92.1	94.7	94.7	94.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 6000		81.6	86.8	92.1	92.1	92.1	94.7	94.7	94.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 5000		81.6	86.8	92.1	92.1	92.1	94.7	94.7	94.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4500		81.6	86.8	92.1	92.1	92.1	94.7	94.7	94.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000		81.6	86.8	92.1	92.1	92.1	94.7	94.7	94.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500		81.6	86.8	92.1	92.1	92.1	94.7	94.7	94.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3000		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		84.2	89.5	94.7	94.7	94.7	97.4	97.4	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 38

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		58.2	65.4	71.5	74.3	74.7	75.5	75.5	75.5	76.8	77.2	77.2	78.1	78.1	78.9	78.9
GE 20000		61.6	68.8	74.7	77.6	78.1	78.9	78.9	78.9	80.2	80.6	80.6	81.4	81.4	82.3	82.3
GE 18000		61.6	68.8	74.7	77.6	78.1	78.9	78.9	78.9	80.2	80.6	80.6	81.4	81.4	82.3	82.3
GE 16000		61.6	68.8	74.7	77.6	78.1	78.9	78.9	78.9	80.2	80.6	80.6	81.4	81.4	82.3	82.3
GE 14000		61.6	68.8	74.7	77.6	78.1	78.9	78.9	78.9	80.2	80.6	80.6	81.4	81.4	82.3	82.3
GE 12000		61.6	68.8	74.7	77.6	78.1	78.9	78.9	78.9	80.2	80.6	80.6	81.4	81.4	82.3	82.3
GE 10000		63.3	71.7	77.6	80.6	81.0	81.9	81.9	81.9	83.1	83.5	83.5	84.4	84.4	85.2	85.2
GE 9000		63.7	72.2	78.1	81.0	81.4	82.3	82.3	82.3	83.5	84.0	84.0	84.8	84.8	85.7	85.7
GE 8000		65.4	73.8	79.7	82.7	83.1	84.0	84.0	84.0	85.2	85.7	85.7	86.5	86.5	87.3	87.3
GE 7000		65.4	73.8	79.7	82.7	83.1	84.0	84.0	84.0	85.2	85.7	85.7	86.5	86.5	87.3	87.3
GE 6000		65.4	73.8	79.7	82.7	83.1	84.0	84.0	84.0	85.2	85.7	85.7	86.5	86.5	87.3	87.3
GE 5000		65.8	74.3	80.2	83.1	83.5	85.2	85.2	85.2	86.5	86.9	86.9	87.8	87.8	88.6	88.6
GE 4500		66.2	74.7	80.6	83.5	84.0	85.7	85.7	85.7	86.9	87.3	87.3	88.2	88.2	89.0	89.0
GE 4000		67.1	75.5	81.4	84.4	84.8	86.5	86.5	86.5	87.8	88.2	88.2	89.0	89.0	89.9	89.9
GE 3500		67.1	75.5	81.4	84.4	84.8	86.5	86.5	86.5	87.8	88.2	88.2	89.0	89.0	89.9	89.9
GE 3000		67.5	75.9	81.9	84.8	85.2	86.9	86.9	86.9	88.2	88.6	88.6	89.5	89.5	90.3	90.3
GE 2500		67.9	77.2	83.1	86.1	86.5	88.2	88.2	88.2	89.5	89.9	89.9	90.7	90.7	91.6	91.6
GE 2000		68.8	78.1	84.4	87.3	87.8	89.5	89.5	89.5	90.7	91.1	91.1	92.0	92.0	92.8	92.8
GE 1800		68.8	78.1	84.4	87.3	87.8	89.5	89.5	89.5	90.7	91.1	91.1	92.0	92.0	92.8	92.8
GE 1500		70.9	80.6	86.9	89.9	90.3	92.0	92.0	92.0	93.2	93.7	93.7	94.5	94.5	95.4	95.4
GE 1200		72.2	81.9	88.2	91.1	91.6	93.2	93.2	93.2	94.5	94.9	94.9	95.8	95.8	96.6	96.6
GE 1000		73.0	82.7	89.0	92.0	92.4	94.1	94.1	94.1	95.4	95.8	95.8	96.6	96.6	97.5	97.5
GE 900		73.0	82.7	89.0	92.0	92.4	94.1	94.1	94.1	95.4	95.8	95.8	96.6	96.6	97.5	97.5
GE 800		73.8	83.5	89.9	92.8	93.2	94.9	94.9	94.9	96.2	96.6	96.6	97.5	97.5	98.3	98.3
GE 700		73.8	83.5	89.9	92.8	93.2	94.9	94.9	94.9	96.2	96.6	96.6	97.5	97.5	98.3	98.3
GE 600		73.8	83.5	89.9	92.8	93.2	94.9	94.9	94.9	96.2	96.6	96.6	97.5	97.5	98.3	98.3
GE 500		73.8	83.5	89.9	93.2	93.7	95.4	95.4	95.4	96.6	97.0	97.0	97.9	97.9	98.7	98.7
GE 400		73.8	83.5	89.9	93.2	93.7	95.4	95.4	95.4	97.0	97.5	97.5	98.3	98.3	99.2	99.2
GE 300		73.8	83.5	89.9	93.2	93.7	95.4	95.4	95.4	97.0	97.5	97.5	98.3	98.3	99.2	99.2
GE 200		73.8	83.5	89.9	93.2	93.7	95.4	95.4	95.4	97.0	97.5	97.5	98.7	99.2	100.0	100.0
GE 100		73.8	83.5	89.9	93.2	93.7	95.4	95.4	95.4	97.0	97.5	97.5	98.7	99.2	100.0	100.0
GE 0		73.8	83.5	89.9	93.2	93.7	95.4	95.4	95.4	97.0	97.5	97.5	98.7	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 237

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747962 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		52.2	57.7	62.1	64.6	65.1	66.6	67.4	67.4	68.9	69.4	69.4	70.2	70.2	71.9	72.3
GE 20000		55.8	62.0	66.9	69.7	70.2	71.9	72.6	72.6	74.3	75.0	75.0	75.7	75.7	77.4	77.9
GE 18000		56.0	62.1	67.1	69.9	70.3	72.0	72.6	72.8	74.5	75.1	75.1	75.9	75.9	77.6	78.1
GE 16000		56.0	62.1	67.1	69.9	70.3	72.0	72.8	72.9	74.5	75.1	75.1	75.9	75.9	77.6	78.1
GE 14000		56.6	62.9	67.9	70.6	71.1	72.8	73.6	73.6	75.3	75.9	75.9	76.7	76.7	78.4	78.8
GE 12000		58.4	64.8	69.7	72.5	73.0	74.8	75.6	75.6	77.4	78.1	78.1	78.9	78.8	80.5	81.0
GE 10000		61.1	67.4	72.3	75.3	75.7	77.7	78.5	78.5	80.4	81.0	81.0	81.8	81.8	83.5	83.9
GE 9000		61.4	67.7	72.6	75.6	76.0	78.1	78.8	78.8	80.7	81.3	81.3	82.1	82.1	83.8	84.2
GE 8000		62.8	69.1	74.0	77.0	77.4	79.4	80.2	80.2	82.1	82.7	82.7	83.5	83.5	85.2	85.6
GE 7000		63.4	69.9	74.8	77.7	78.2	80.2	81.0	81.0	82.8	83.5	83.5	84.2	84.2	85.9	86.4
GE 6000		63.5	70.0	75.0	77.9	78.4	80.4	81.1	81.1	83.0	83.6	83.6	84.4	84.4	86.1	86.6
GE 5000		64.6	71.3	76.2	79.1	79.6	81.8	82.5	82.5	84.4	85.0	85.0	85.8	85.8	87.5	87.9
GE 4500		65.4	72.2	77.1	80.1	80.5	82.7	83.5	83.5	85.3	85.9	85.9	86.7	86.7	88.4	88.9
GE 4000		66.3	73.4	78.4	81.3	81.8	83.9	84.7	84.7	86.6	87.2	87.2	87.9	87.9	89.6	90.1
GE 3500		66.6	73.7	78.7	81.6	82.1	84.2	85.0	85.0	86.9	87.5	87.5	88.3	88.3	90.0	90.4
GE 3000		66.9	74.0	79.0	81.9	82.4	84.7	85.5	85.5	87.3	87.9	87.9	88.7	88.7	90.6	91.0
GE 2500		67.2	74.7	79.6	82.7	83.2	85.5	86.2	86.2	88.1	88.7	88.7	89.5	89.5	91.3	91.8
GE 2000		67.5	75.0	79.9	83.0	83.5	85.8	86.6	86.6	88.4	89.0	89.0	89.8	89.8	91.7	92.1
GE 1800		67.5	75.0	79.9	83.0	83.5	85.8	86.6	86.6	88.4	89.0	89.0	89.8	89.8	91.7	92.1
GE 1500		68.3	75.9	80.8	83.9	84.4	86.9	87.6	87.6	89.5	90.1	90.1	90.9	90.9	92.7	93.2
GE 1200		68.5	76.0	81.3	84.4	84.9	87.3	88.1	88.1	90.0	90.6	90.6	91.3	91.3	93.2	93.7
GE 1000		69.2	77.6	83.3	86.6	87.0	89.5	90.4	90.4	92.3	92.9	92.9	93.7	93.7	95.5	96.0
GE 900		69.4	77.7	83.5	86.7	87.2	89.6	90.6	90.6	92.4	93.0	93.0	93.8	93.8	95.7	96.1
GE 800		70.0	78.4	84.1	87.3	87.8	90.3	91.2	91.2	93.0	93.7	93.7	94.4	94.4	96.3	96.8
GE 700		70.2	78.5	84.2	87.5	87.9	90.4	91.3	91.3	93.2	93.8	93.8	94.6	94.6	96.4	96.9
GE 600		70.5	78.8	84.5	87.8	88.3	90.7	91.7	91.7	93.5	94.1	94.1	94.9	94.9	96.8	97.2
GE 500		70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	94.3	94.9	94.9	95.7	95.7	97.5	98.0
GE 400		70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	94.3	94.9	94.9	95.7	95.7	97.5	98.5
GE 300		70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	94.3	95.1	95.1	95.8	96.0	97.8	98.8
GE 200		70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	94.3	95.1	95.1	96.0	96.1	98.1	99.1
GE 100		70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	94.3	95.1	95.1	96.1	96.6	99.1	100.0
GE 0		70.6	79.0	84.9	88.1	88.6	91.3	92.3	92.3	94.3	95.1	95.1	96.1	96.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		68.5	68.8	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
GE 20000		78.6	78.4	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
GE 16000		78.3	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 15000		78.6	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 14000		78.9	79.3	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
GE 12000		80.7	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
GE 10000		82.8	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 9000		83.4	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 8000		85.0	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 7000		85.9	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	87.1
GE 6000		86.4	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5000		87.9	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
GE 4500		88.0	88.9	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
GE 4000		89.1	90.3	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
GE 3500		90.1	91.3	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
GE 3000		91.2	92.4	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
GE 2500		93.1	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000		94.6	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800		94.6	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500		95.4	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200		95.7	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000		96.7	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900		96.7	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800		97.0	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700		97.0	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		97.0	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		97.0	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		97.0	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		97.0	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		97.0	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		97.0	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		97.0	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747967 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	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	74.7
GE 18000	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 16000	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 12000	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 9000	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4500	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	95.9	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	97.4	97.9	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	97.4	97.9	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	97.6	98.0	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	97.6	98.0	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	98.2	98.6	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	98.2	98.6	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	98.2	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.2	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.2	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.3	98.8	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.3	98.8	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.3	98.8	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.3	98.8	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.3	98.8	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.3	98.8	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 656

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 18000	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 14000	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	77.2	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
GE 9000	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	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	83.2
GE 6000	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4500	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3500	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	96.5	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	97.7	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	97.9	98.5	98.7	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	98.0	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	98.2	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	98.2	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.2	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.2	99.2	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 20000		84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 18000		84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 16000		84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 14000		84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 12000		86.7	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
GE 10000		88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 9000		89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 8000		90.6	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 7000		92.4	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 6000		92.7	93.3	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
GE 5000		93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4500		95.5	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4000		96.7	97.3	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
GE 3500		97.3	97.9	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
GE 3000		98.2	98.8	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77,79-86
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	95.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	87.4	87.4	87.4	87.4
GE 20000	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.6	90.6	90.6	90.6
GE 16000	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.6	90.6	90.6	90.6
GE 15000	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.6	90.6	90.6	90.6
GE 14000	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.6	90.6	90.6	90.6
GE 12000	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.6	90.6	90.6	90.6
GE 10000	92.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.7	93.7	93.7	93.7
GE 9000	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.5	94.5	94.5	94.5
GE 8000	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.3	95.3	95.3	95.3
GE 7000	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.1	96.1	96.1	96.1
GE 6000	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.9	96.9	96.9	96.9
GE 5000	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.4	98.4	98.4	98.4
GE 4500	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.4	98.4	98.4	98.4
GE 4000	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.2	99.2
GE 3500	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 3000	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 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	100.0	100.0	100.0	100.0
GE 2000	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 1800	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 1500	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 1200	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 1000	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 900	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 800	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 700	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 600	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 500	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 400	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 300	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 200	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 100	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0
GE 0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 127

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		63.6	65.6	67.0	67.7	67.9	68.3	68.4	68.4	68.8	69.0	69.0	69.2	69.2	69.6	69.7
GE 20000		72.0	74.0	75.5	76.3	76.4	76.8	77.0	77.0	77.4	77.6	77.6	77.8	77.8	78.2	78.3
GE 18000		72.2	74.2	75.6	76.5	76.7	77.1	77.2	77.2	77.7	77.8	77.8	78.1	78.1	78.5	78.6
GE 16000		72.4	74.4	75.9	76.7	76.8	77.2	77.4	77.4	77.8	78.0	78.0	78.2	78.2	78.6	78.7
GE 14000		72.8	74.8	76.3	77.1	77.2	77.6	77.8	77.8	78.2	78.4	78.4	78.6	78.6	79.0	79.1
GE 12000		73.9	76.0	77.5	78.3	78.4	78.9	79.0	79.0	79.5	79.7	79.7	79.9	79.9	80.3	80.4
GE 10000		76.3	78.5	80.0	80.8	81.0	81.4	81.6	81.6	82.1	82.2	82.2	82.5	82.5	82.9	83.0
GE 9000		77.4	79.5	81.1	81.9	82.0	82.5	82.6	82.6	83.1	83.3	83.3	83.5	83.5	83.9	84.0
GE 8000		79.1	81.3	82.9	83.6	83.8	84.3	84.4	84.4	84.9	85.0	85.0	85.3	85.3	85.7	85.8
GE 7000		80.0	82.3	83.9	84.6	84.8	85.2	85.4	85.4	85.9	86.0	86.0	86.3	86.3	86.7	86.8
GE 6000		80.4	82.7	84.3	85.1	85.2	85.7	85.9	85.9	86.3	86.5	86.5	86.7	86.7	87.1	87.2
GE 5000		82.2	84.6	86.1	86.9	87.0	87.6	87.8	87.8	88.2	88.4	88.4	88.6	88.6	89.0	89.1
GE 4500		82.7	85.1	86.7	87.5	87.6	88.2	88.3	88.3	88.8	89.0	89.0	89.2	89.2	89.6	89.7
GE 4000		84.2	86.7	88.3	89.1	89.2	89.8	90.0	90.0	90.4	90.6	90.6	90.8	90.8	91.2	91.3
GE 3500		85.3	87.9	89.5	90.3	90.4	91.0	91.1	91.1	91.6	91.8	91.8	92.0	92.0	92.4	92.5
GE 3000		86.9	89.4	91.1	91.9	92.0	92.7	92.8	92.8	93.3	93.4	93.4	93.7	93.7	94.1	94.2
GE 2500		88.1	90.8	92.5	93.3	93.4	94.1	94.2	94.2	94.7	94.9	94.9	95.1	95.1	95.5	95.6
GE 2000		89.0	91.8	93.5	94.4	94.5	95.2	95.3	95.3	95.8	96.0	96.0	96.2	96.2	96.6	96.7
GE 1800		89.1	91.8	93.6	94.4	94.5	95.2	95.3	95.3	95.9	96.0	96.0	96.3	96.3	96.7	96.8
GE 1500		89.6	92.4	94.1	95.0	95.1	95.8	96.0	96.0	96.5	96.6	96.6	96.9	96.9	97.3	97.4
GE 1200		89.6	92.6	94.4	95.3	95.4	96.1	96.3	96.3	96.8	96.9	96.9	97.2	97.2	97.6	97.7
GE 1000		90.3	93.4	95.3	96.3	96.4	97.1	97.3	97.3	97.8	98.0	98.0	98.2	98.2	98.6	98.7
GE 900		90.4	93.4	95.4	96.3	96.5	97.2	97.3	97.3	97.9	98.0	98.0	98.2	98.2	98.7	98.8
GE 800		90.6	93.7	95.8	96.7	96.9	97.6	97.8	97.8	98.3	98.4	98.4	98.7	98.7	99.1	99.2
GE 700		90.6	93.7	95.8	96.8	96.9	97.6	97.8	97.8	98.3	98.5	98.5	98.7	98.7	99.1	99.2
GE 600		90.7	93.8	95.9	96.8	97.0	97.7	97.9	97.9	98.4	98.5	98.5	98.8	98.8	99.2	99.3
GE 500		90.7	93.8	95.9	96.9	97.1	97.9	98.0	98.0	98.6	98.7	98.7	99.0	99.0	99.4	99.5
GE 400		90.7	93.8	96.0	97.0	97.1	97.9	98.1	98.1	98.6	98.8	98.8	99.0	99.0	99.5	99.6
GE 300		90.7	93.8	96.0	97.0	97.1	97.9	98.1	98.1	98.6	98.8	98.8	99.1	99.1	99.5	99.7
GE 200		90.7	93.8	96.0	97.0	97.1	97.9	98.1	98.1	98.6	98.8	98.8	99.1	99.2	99.6	99.8
GE 100		90.7	93.8	96.0	97.0	97.1	97.9	98.1	98.1	98.6	98.8	98.8	99.2	99.3	99.8	100.0
GE 0		90.7	93.8	96.0	97.0	97.1	97.9	98.1	98.1	98.6	98.8	98.8	99.2	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 3308

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-82
MONTH: MAY HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 20000	84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 18000	84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 16000	84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 14000	84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 12000	84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 10000	84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 9000	84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 8000	89.5	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
GE 7000	89.5	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
GE 6000	89.5	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
GE 5000	89.5	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
GE 4500	89.5	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
GE 4000	89.5	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
GE 3500	89.5	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
GE 3000	89.5	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
GE 2500	89.5	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
GE 2000	89.5	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
GE 1800	89.5	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
GE 1500	89.5	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
GE 1200	89.5	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
GE 1000	89.5	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
GE 900	89.5	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
GE 800	89.5	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
GE 700	89.5	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
GE 600	89.5	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
GE 500	89.5	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
GE 400	89.5	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
GE 300	89.5	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
GE 200	89.5	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
GE 100	89.5	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
GE 0	89.5	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: 19

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.5	53.4	63.5	67.4	71.5	71.7	73.1	73.4	73.4	74.3	74.8	74.8	76.0	76.0	76.7	77.9
GE 20000	.5	54.7	68.3	72.2	76.3	76.5	77.9	78.2	78.2	79.1	79.6	79.6	80.8	80.8	81.5	82.7
GE 18000	.5	54.9	68.6	72.4	76.5	76.7	78.2	78.4	78.4	79.4	79.9	79.9	81.1	81.1	81.8	83.0
GE 16000	.5	54.9	68.6	72.4	76.5	76.7	78.2	78.4	78.4	79.4	80.1	80.1	81.3	81.3	82.0	83.2
GE 14000	.5	55.4	69.1	72.9	77.0	77.2	78.7	78.9	78.9	79.9	80.6	80.6	81.8	81.8	82.5	83.7
GE 12000	.5	55.9	69.5	73.4	77.5	77.7	79.1	79.4	79.4	80.3	81.1	81.1	82.3	82.3	83.0	84.2
GE 10000	.5	56.3	71.9	75.8	79.9	80.1	81.5	81.8	81.8	82.7	83.5	83.5	84.7	84.7	85.4	86.6
GE 9000	.5	56.8	72.4	76.3	80.3	80.6	82.0	82.3	82.3	83.2	83.9	83.9	85.1	85.1	85.9	87.1
GE 8000	.5	60.0	74.1	78.2	82.5	82.7	84.2	84.4	84.4	85.4	86.1	86.1	87.3	87.3	88.0	89.2
GE 7000	.5	60.2	74.3	78.4	82.7	83.0	84.4	84.7	84.7	85.6	86.3	86.3	87.5	87.5	88.2	89.4
GE 6000	.5	61.4	75.5	79.6	83.9	84.2	85.6	85.9	85.9	86.8	87.5	87.5	88.7	88.7	89.4	90.9
GE 5000	.5	61.6	75.8	79.9	84.2	84.4	85.9	86.1	86.1	87.1	87.8	87.8	89.0	89.0	89.7	91.1
GE 4500	.5	62.6	77.0	81.1	85.4	85.6	87.1	87.3	87.3	88.2	89.0	89.0	90.2	90.2	90.9	92.3
GE 4000	.5	64.3	78.9	83.2	87.5	87.8	89.2	89.4	89.4	90.4	91.1	91.1	92.3	92.3	93.0	94.5
GE 3500	.5	64.5	79.1	83.5	87.8	88.0	89.4	89.7	89.7	90.6	91.4	91.4	92.6	92.6	93.3	94.7
GE 3000	.5	65.0	79.9	84.2	88.5	88.7	90.2	90.4	90.4	91.4	92.1	92.1	93.3	93.3	94.2	95.7
GE 2500	.5	65.0	79.9	84.2	88.5	88.7	90.2	90.4	90.4	91.4	92.1	92.1	93.3	93.3	94.2	95.7
GE 2000	.5	65.5	80.6	84.9	89.2	89.4	91.1	91.4	91.4	92.3	93.0	93.0	94.2	94.2	95.2	96.6
GE 1800	.5	65.5	80.6	84.9	89.2	89.4	91.1	91.4	91.4	92.3	93.0	93.0	94.2	94.2	95.2	96.6
GE 1500	.5	65.5	80.6	84.9	89.2	89.4	91.1	91.4	91.4	92.3	93.0	93.0	94.2	94.2	95.2	96.6
GE 1200	.5	65.7	80.8	85.1	89.4	89.7	91.4	91.6	91.6	92.6	93.3	93.3	94.5	94.5	95.4	96.9
GE 1000	.5	65.7	80.8	85.1	89.4	89.7	91.4	91.6	91.6	92.6	93.3	93.3	94.5	94.5	95.4	96.9
GE 900	.5	65.7	80.8	85.1	89.4	89.7	91.4	91.6	91.6	92.6	93.3	93.3	94.5	94.5	95.4	96.9
GE 800	.5	65.7	81.1	85.4	89.7	89.9	91.6	91.8	91.8	92.8	93.5	93.5	94.7	94.7	95.7	97.1
GE 700	.5	65.7	81.5	86.1	90.4	90.6	92.3	92.6	92.6	93.5	94.2	94.2	95.4	95.4	96.4	97.8
GE 600	.5	65.9	82.0	86.6	90.9	91.1	92.6	93.0	93.0	94.0	94.7	94.7	95.9	95.9	96.9	98.3
GE 500	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.5	93.5	94.7	95.4	95.4	96.9	96.9	97.8	99.3
GE 400	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.5	93.5	94.7	95.4	95.7	97.1	97.1	98.1	99.5
GE 300	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.5	93.5	94.7	95.4	95.7	97.1	97.1	98.1	99.5
GE 200	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.8	93.8	95.0	95.7	95.9	97.4	97.4	98.3	99.8
GE 100	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.8	93.8	95.0	95.7	95.9	97.4	97.4	98.3	99.8
GE 0	.5	66.4	82.5	87.1	91.4	91.6	93.3	93.8	93.8	95.0	95.7	95.9	97.4	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.1	43.1	53.8	59.0	62.3	63.3	64.6	65.4	65.8	66.7	67.0	67.0	67.9	68.4	68.9	69.4
GE 20000	.1	47.7	59.3	64.6	68.6	69.7	71.3	72.1	72.5	73.4	74.0	74.0	75.2	75.6	76.4	76.8
GE 18000	.1	47.7	59.3	64.8	68.6	69.7	71.3	72.1	72.7	73.6	74.1	74.1	75.3	75.8	76.5	77.0
GE 16000	.1	47.8	59.4	64.9	68.8	69.8	71.5	72.4	73.0	74.0	74.6	74.6	75.8	76.2	77.0	77.4
GE 14000	.1	48.3	59.9	65.5	69.4	70.4	72.1	73.0	73.6	74.6	75.2	75.2	76.4	76.8	77.6	78.0
GE 12000	.1	50.5	62.1	67.8	71.6	72.7	74.3	75.2	75.8	76.8	77.4	77.4	78.6	79.0	79.8	80.2
GE 10000	.1	53.8	65.8	71.5	75.3	76.5	78.2	79.0	79.6	80.7	81.4	81.4	82.6	83.1	83.8	84.2
GE 9000	.3	54.7	66.9	72.5	76.4	77.6	79.2	80.1	80.7	81.7	82.5	82.5	83.7	84.1	84.8	85.3
GE 8000	.4	55.6	67.8	73.6	77.4	78.6	80.2	81.1	81.7	82.8	83.5	83.5	84.7	85.1	85.9	86.3
GE 7000	.4	56.0	68.2	74.0	77.9	79.0	80.7	81.6	82.2	83.2	84.0	84.0	85.1	85.6	86.3	86.8
GE 6000	.4	56.6	68.9	74.7	78.6	79.8	81.4	82.3	82.9	84.0	84.7	84.7	85.9	86.3	87.1	87.5
GE 5000	.4	57.2	69.4	75.2	79.0	80.2	81.9	82.8	83.4	84.4	85.1	85.1	86.3	86.8	87.5	88.0
GE 4500	.4	57.4	69.5	75.3	79.2	80.4	82.0	82.9	83.5	84.5	85.3	85.3	86.5	86.9	87.7	88.1
GE 4000	.4	58.1	71.3	77.1	81.1	82.3	84.0	84.8	85.4	86.5	87.2	87.2	88.4	88.9	89.6	90.0
GE 3500	.4	58.5	71.9	77.7	81.7	82.9	84.5	85.4	86.0	87.1	87.8	87.8	89.0	89.5	90.2	90.6
GE 3000	.4	58.8	72.4	78.2	82.2	83.4	85.1	86.0	86.6	87.7	88.4	88.4	89.6	90.2	90.9	91.4
GE 2500	.4	58.8	72.4	78.6	82.8	84.0	85.7	86.6	87.2	88.3	89.0	89.0	90.3	90.9	91.7	92.1
GE 2000	.4	58.8	72.8	79.0	83.2	84.4	86.2	87.1	87.7	88.7	89.5	89.5	90.8	91.4	92.1	92.6
GE 1800	.4	58.8	72.8	79.0	83.2	84.4	86.2	87.1	87.7	88.7	89.5	89.5	90.8	91.4	92.1	92.6
GE 1500	.4	59.6	74.0	80.2	84.4	85.6	87.4	88.3	88.9	89.9	90.6	90.6	92.0	92.6	93.3	93.8
GE 1200	.4	59.9	74.3	80.5	84.7	85.9	87.7	88.6	89.2	90.2	90.9	90.9	92.3	92.9	93.6	94.1
GE 1000	.4	60.5	75.2	81.4	85.6	86.8	88.7	89.7	90.3	91.4	92.1	92.1	93.5	94.1	94.8	95.2
GE 900	.4	60.6	75.3	81.7	85.9	87.1	89.0	90.0	90.6	91.7	92.6	92.6	93.9	94.5	95.2	95.7
GE 800	.4	60.8	76.1	82.6	86.8	88.1	90.0	91.1	91.7	92.7	93.8	93.8	95.4	96.0	96.7	97.2
GE 700	.4	60.8	76.1	82.6	86.8	88.1	90.0	91.1	91.7	92.7	93.8	93.8	95.4	96.0	96.7	97.2
GE 600	.4	60.8	76.2	82.8	86.9	88.3	90.2	91.2	91.8	92.9	94.1	94.1	95.7	96.3	97.0	97.8
GE 500	.4	61.1	76.5	83.2	87.4	88.7	90.6	91.8	92.4	93.6	94.8	94.8	96.4	97.0	97.8	98.5
GE 400	.4	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	93.9	95.1	95.1	96.7	97.3	98.1	98.8
GE 300	.4	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	93.9	95.1	95.1	96.7	97.6	98.4	99.3
GE 200	.4	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	94.1	95.2	95.2	96.9	97.8	98.5	99.6
GE 100	.4	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	94.1	95.2	95.2	96.9	97.8	98.7	100.0
GE 0	.4	61.1	76.5	83.2	87.4	88.7	90.8	92.1	92.7	94.1	95.2	95.2	96.9	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		59.5	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
GE 20000		71.8	75.3	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
GE 18000		72.0	75.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 16000		72.3	75.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 14000		74.5	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 12000		77.5	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 10000		79.5	83.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	.3	80.2	83.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 8000	.3	81.1	84.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 7000	.3	81.4	85.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 6000	.3	82.0	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 5000	.3	82.5	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	.3	82.6	86.2	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
GE 4000	.3	84.0	87.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	.3	84.3	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	.3	85.8	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	91.0
GE 2500	.3	87.4	91.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	.3	89.4	93.7	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	.3	89.5	93.9	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	.3	91.3	95.7	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
GE 1200	.3	92.1	96.4	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	.3	93.0	97.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	.3	93.0	97.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	.3	93.1	97.6	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	.3	93.1	97.6	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	.3	93.1	97.6	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	.3	93.3	97.8	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	.3	93.3	97.8	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	.3	93.3	97.8	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	.3	93.3	97.8	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	.3	93.3	97.8	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	.3	93.3	97.8	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	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	60.2
GE 20000	73.3	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	73.9
GE 18000	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 16000	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	76.1	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
GE 12000	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 10000	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 9000	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 6000	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	86.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	89.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3500	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	93.5	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	94.6	96.0	96.0	96.0	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	96.1	97.6	98.0	98.0	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	96.4	98.1	98.3	98.3	98.3	98.4	98.6	98.6	98.8	98.8	98.6	98.8	98.8	98.8	98.8	98.8
GE 1500	96.4	98.1	98.3	98.3	98.3	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.7	98.4	98.8	98.8	96.8	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 700	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 600	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 500	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7
GE 400	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7
GE 300	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.8	99.8	99.8
GE 200	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.8	99.8	100.0	100.0	100.0
GE 100	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.8	99.8	100.0	100.0	100.0
GE 0	96.7	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.8	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 644

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000		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	72.5	72.5
GE 18000		72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000		73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000		75.3	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000		77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 10000		79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000		80.6	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
GE 8000		83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 7000		83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000		83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000		84.5	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
GE 4500		84.8	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000		88.9	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3500		90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000		93.2	94.5	94.8	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500		94.7	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000		95.4	97.1	97.5	97.7	97.7	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800		95.5	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500		95.5	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200		95.5	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000		95.7	98.0	98.4	98.6	98.6	98.8	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 900		95.7	98.0	98.4	98.6	98.6	98.8	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 800		95.9	98.2	98.6	98.8	98.8	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		95.9	98.2	98.6	98.8	98.8	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		95.9	98.2	98.6	98.8	98.8	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		95.9	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		95.9	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		95.9	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		95.9	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		95.9	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		95.9	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 561

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 20000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 16000		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
GE 14000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 12000		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
GE 10000		83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 9000		83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000		85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000		85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000		86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000		88.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4500		88.8	89.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4000		91.7	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500		92.8	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000		92.8	94.3	94.6	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500		94.8	96.3	96.6	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000		95.1	96.6	97.1	98.0	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800		95.1	96.6	97.1	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500		95.1	96.6	97.1	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200		95.4	96.8	97.4	98.9	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		95.4	96.8	97.4	98.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		69.6	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
GE 20000		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	82.0	82.0
GE 18000		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	82.0	82.0
GE 16000		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	82.0	82.0
GE 14000		82.7	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
GE 12000		82.7	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
GE 10000		93.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 9000		84.2	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
GE 8000		88.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 7000		89.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 6000		91.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 5000		95.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4500		95.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4000		96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500		96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000		96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500		96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000		96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800		96.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500		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	98.6	98.6
GE 1200		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	98.6	98.6
GE 1000		97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900		97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800		97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700		97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600		97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500		97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400		97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 139

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.1	55.3	59.8	61.4	62.5	62.6	63.2	63.4	63.4	63.7	63.9	63.9	64.2	64.3	64.5	64.7
GE 20000	.1	66.3	71.1	72.8	74.1	74.3	74.8	74.9	75.0	75.3	75.5	75.5	75.9	76.0	76.2	76.4
GE 18000	.1	66.6	71.3	73.1	74.3	74.5	75.0	75.2	75.3	75.6	75.8	75.8	76.2	76.2	76.5	76.7
GE 16000	.1	67.0	71.7	73.5	74.7	74.9	75.4	75.6	75.8	76.1	76.3	76.3	76.7	76.7	77.0	77.2
GE 14000	.1	68.2	73.0	74.8	76.0	76.3	76.8	77.0	77.1	77.4	77.6	77.6	78.0	78.1	78.3	78.5
GE 12000	.1	70.3	75.2	77.0	78.2	78.4	78.9	79.1	79.2	79.6	79.8	79.8	80.1	80.2	80.5	80.7
GE 10000	.1	72.9	77.9	79.7	80.9	81.2	81.7	81.9	82.0	82.3	82.5	82.5	82.9	83.0	83.2	83.5
GE 9000	.2	73.6	78.7	80.4	81.7	81.9	82.4	82.6	82.7	83.0	83.3	83.3	83.7	83.7	84.0	84.2
GE 8000	.2	75.2	80.3	82.1	83.3	83.6	84.1	84.3	84.4	84.7	85.0	85.0	85.3	85.4	85.6	85.9
GE 7000	.2	75.5	80.6	82.4	83.7	83.9	84.4	84.6	84.7	85.0	85.3	85.3	85.6	85.7	86.0	86.2
GE 6000	.2	76.2	81.3	83.2	84.5	84.7	85.2	85.4	85.5	85.8	86.1	86.1	86.5	86.5	86.8	87.0
GE 5000	.2	77.1	82.2	84.0	85.3	85.6	86.1	86.3	86.4	86.7	86.9	86.9	87.3	87.4	87.6	87.9
GE 4500	.2	77.5	82.7	84.6	85.9	86.1	86.6	86.8	86.9	87.3	87.5	87.5	87.9	88.0	88.2	88.4
GE 4000	.2	79.7	85.2	87.1	88.5	88.7	89.2	89.4	89.5	89.9	90.1	90.1	90.5	90.6	90.8	91.1
GE 3500	.2	80.3	85.9	87.8	89.2	89.4	89.9	90.1	90.2	90.6	90.8	90.8	91.2	91.3	91.5	91.8
GE 3000	.2	81.8	87.6	89.7	91.1	91.3	91.9	92.1	92.2	92.6	92.9	92.9	93.2	93.3	93.6	93.9
GE 2500	.2	82.8	88.8	90.8	92.2	92.5	93.1	93.3	93.5	93.8	94.1	94.1	94.5	94.6	94.8	95.1
GE 2000	.2	83.7	89.9	92.0	93.5	93.8	94.4	94.7	94.8	95.2	95.4	95.4	95.8	96.0	96.2	96.5
GE 1800	.2	83.8	90.0	92.1	93.7	94.0	94.6	94.9	95.0	95.4	95.6	95.6	96.1	96.2	96.4	96.7
GE 1500	.2	84.3	90.7	92.8	94.4	94.6	95.3	95.6	95.7	96.1	96.4	96.4	96.8	96.9	97.1	97.4
GE 1200	.2	84.6	91.0	93.1	94.7	95.0	95.6	95.9	96.0	96.4	96.7	96.7	97.1	97.2	97.5	97.8
GE 1000	.2	85.0	91.4	93.6	95.2	95.4	96.1	96.5	96.6	97.0	97.3	97.3	97.7	97.8	98.1	98.3
GE 900	.2	85.0	91.5	93.7	95.2	95.5	96.2	96.5	96.6	97.1	97.4	97.4	97.8	97.9	98.2	98.4
GE 800	.2	85.1	91.7	93.9	95.5	95.8	96.5	96.8	96.9	97.4	97.8	97.8	98.2	98.4	98.6	98.9
GE 700	.2	85.1	91.8	94.0	95.6	95.9	96.6	96.9	97.0	97.5	97.8	97.8	98.3	98.4	98.7	99.0
GE 600	.2	85.1	91.9	94.1	95.7	96.0	96.7	97.0	97.1	97.6	98.0	98.0	98.4	98.6	98.8	99.1
GE 500	.2	85.2	92.0	94.3	95.9	96.2	96.9	97.3	97.4	97.9	98.3	98.3	98.8	98.9	99.2	99.5
GE 400	.2	85.2	92.0	94.3	95.9	96.2	96.9	97.3	97.4	98.0	98.3	98.4	98.9	99.0	99.3	99.6
GE 300	.2	85.3	92.0	94.3	95.9	96.2	97.0	97.3	97.5	98.0	98.4	98.4	98.9	99.1	99.4	99.7
GE 200	.2	85.3	92.0	94.3	95.9	96.2	97.0	97.4	97.5	98.0	98.4	98.4	99.0	99.2	99.5	99.9
GE 100	.2	85.3	92.0	94.3	95.9	96.2	97.0	97.4	97.5	98.0	98.4	98.4	99.0	99.2	99.5	100.0
GE 0	.2	85.3	92.0	94.3	95.9	96.2	97.0	97.4	97.5	98.0	98.4	98.4	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 3469

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-79,81-82
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 20000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 18000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 16000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 14000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 12000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 10000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	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: 32

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNGS) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		54.9	67.8	72.1	77.2	77.7	79.1	79.6	79.6	81.2	81.2	81.2	81.2	81.2	81.5	81.5
GE 20000		58.0	71.4	75.8	81.5	82.2	83.6	84.0	84.0	85.7	85.7	85.7	85.7	85.7	85.9	85.9
GE 18000		58.2	71.6	76.1	81.7	82.4	83.8	84.3	84.3	85.9	85.9	85.9	85.9	85.9	86.2	86.2
GE 16000		58.2	71.6	76.1	81.7	82.4	83.8	84.3	84.3	85.9	85.9	85.9	85.9	85.9	86.2	86.2
GE 14000		59.2	72.5	77.0	82.6	83.3	84.7	85.2	85.2	86.9	86.9	86.9	86.9	86.9	87.1	87.1
GE 12000		60.1	73.5	77.9	83.6	84.3	85.7	86.2	86.2	87.8	87.8	87.8	87.8	87.8	88.0	88.0
GE 10000		62.0	75.6	80.0	85.9	86.6	88.0	88.5	88.5	90.1	90.1	90.1	90.1	90.1	90.4	90.4
GE 9000		63.1	77.7	82.2	88.0	88.7	90.4	90.6	90.8	92.5	92.5	92.5	92.5	92.5	92.7	92.7
GE 8000		64.1	78.6	83.1	89.0	89.7	91.3	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.7	93.7
GE 7000		64.6	79.1	83.6	89.4	90.1	91.8	92.3	92.3	93.9	93.9	93.9	93.9	93.9	94.1	94.1
GE 6000		64.6	79.1	83.6	89.4	90.1	91.8	92.3	92.3	93.9	93.9	93.9	93.9	93.9	94.1	94.1
GE 5000		65.0	79.6	84.0	89.9	90.6	92.3	92.7	92.7	94.4	94.4	94.4	94.4	94.4	94.6	94.6
GE 4500		65.0	79.6	84.0	89.9	90.6	92.3	92.7	92.7	94.4	94.4	94.4	94.4	94.4	94.6	94.6
GE 4000		65.3	80.0	84.5	90.4	91.1	92.7	93.2	93.2	94.8	94.8	94.8	94.8	94.8	95.1	95.1
GE 3500		66.0	80.8	85.2	91.1	91.8	93.4	93.9	93.9	95.5	95.5	95.5	95.5	95.5	95.8	95.8
GE 3000		66.2	81.0	85.4	91.3	92.0	93.7	94.1	94.1	95.8	95.8	95.8	95.8	95.8	96.0	96.0
GE 2500		67.4	82.2	86.6	92.5	93.2	94.8	95.3	95.3	96.9	96.9	96.9	96.9	96.9	97.2	97.2
GE 2000		67.6	82.9	87.3	93.2	93.9	95.5	96.0	96.0	97.7	97.7	97.7	97.7	97.7	97.9	97.9
GE 1800		67.6	82.9	87.3	93.2	93.9	95.5	96.0	96.0	97.7	97.7	97.7	97.7	97.7	97.9	97.9
GE 1500		67.6	82.9	87.6	93.4	94.1	95.8	96.2	96.2	97.9	97.9	97.9	97.9	97.9	98.1	98.1
GE 1200		67.6	82.9	87.6	93.4	94.1	95.8	96.2	96.2	97.9	97.9	97.9	97.9	97.9	98.1	98.1
GE 1000		67.6	82.9	87.6	93.7	94.4	96.0	96.5	96.5	98.4	98.4	98.4	98.4	98.4	98.6	98.6
GE 900		67.8	83.1	87.8	93.9	94.6	96.2	96.7	96.7	98.6	98.6	98.6	98.6	98.6	98.8	98.8
GE 800		67.8	83.3	88.0	94.1	94.8	96.5	96.9	96.9	98.8	98.8	98.8	98.8	98.8	99.1	99.1
GE 700		67.8	83.3	88.0	94.1	94.8	96.5	96.9	96.9	98.8	98.8	98.8	98.8	98.8	99.1	99.1
GE 600		67.8	83.3	88.0	94.1	94.8	96.5	96.9	96.9	98.8	98.8	98.8	99.1	99.1	99.3	99.3
GE 500		67.8	83.3	88.0	94.1	94.6	96.5	96.9	96.9	99.1	99.1	99.1	99.5	99.5	99.8	99.8
GE 400		67.8	83.3	88.0	94.1	94.8	96.5	96.9	96.9	99.1	99.1	99.1	99.5	99.5	99.8	99.8
GE 300		67.8	83.6	88.3	94.4	95.1	96.7	97.2	97.2	99.3	99.3	99.3	99.8	99.8	100.0	100.0
GE 200		67.8	83.6	88.3	94.4	95.1	96.7	97.2	97.2	99.3	99.3	99.3	99.8	99.8	100.0	100.0
GE 100		67.8	83.6	88.3	94.4	95.1	96.7	97.2	97.2	99.3	99.3	99.3	99.8	99.8	100.0	100.0
GE 0		67.8	83.6	88.3	94.4	95.1	96.7	97.2	97.2	99.3	99.3	99.3	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		51.3	61.1	65.8	70.3	71.1	72.6	73.5	73.5	74.4	74.4	74.4	75.4	75.4	75.4	75.4
GE 20000		57.0	67.6	72.6	77.2	78.4	80.0	80.9	80.9	81.7	81.9	81.9	82.9	82.9	82.9	82.9
GE 16000		57.1	67.9	72.9	77.5	78.6	80.3	81.1	81.1	82.0	82.2	82.2	83.2	83.2	83.2	83.2
GE 15000		57.3	68.0	73.0	77.6	78.8	80.4	81.3	81.3	82.2	82.3	82.3	83.4	83.4	83.4	83.4
GE 14000		57.7	68.5	73.5	78.1	79.2	80.9	81.7	81.7	82.6	82.8	82.8	83.8	83.8	83.8	83.8
GE 12000		59.6	70.5	75.6	80.1	81.3	82.9	83.8	83.8	84.7	84.8	84.8	85.9	85.9	85.9	85.9
GE 10000		62.9	74.1	79.4	84.2	85.4	87.0	87.9	87.9	88.8	89.0	89.0	90.0	90.0	90.0	90.0
GE 9000		64.4	75.6	80.9	85.7	86.9	88.7	89.5	89.5	90.4	90.6	90.6	91.6	91.6	91.6	91.6
GE 8000		66.6	77.9	83.2	88.1	89.2	91.0	91.9	91.9	92.8	92.9	92.9	94.0	94.0	94.0	94.0
GE 7000		67.2	78.5	83.6	88.7	89.8	91.6	92.5	92.5	93.4	93.5	93.5	94.6	94.6	94.6	94.6
GE 6000		67.6	78.9	84.2	89.1	90.3	92.0	92.9	92.9	93.8	94.0	94.0	95.0	95.0	95.0	95.0
GE 5000		68.3	79.7	85.0	89.8	91.0	92.8	93.7	93.7	94.6	94.7	94.7	95.7	95.7	95.7	95.7
GE 4500		68.3	79.7	85.0	89.8	91.0	92.8	93.7	93.7	94.6	94.7	94.7	95.7	95.7	95.7	95.7
GE 4000		68.8	80.1	85.6	90.4	91.6	93.4	94.3	94.3	95.1	95.3	95.3	96.3	96.3	96.3	96.3
GE 3500		68.8	80.1	85.6	90.6	91.8	93.5	94.4	94.4	95.3	95.4	95.4	96.5	96.5	96.5	96.5
GE 3000		68.9	80.3	85.7	90.7	91.9	93.7	94.6	94.6	95.4	95.6	95.6	96.6	96.6	96.6	96.6
GE 2500		69.5	80.9	86.3	91.3	92.5	94.3	95.1	95.1	96.0	96.2	96.2	97.2	97.2	97.2	97.2
GE 2000		70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.9	97.1	97.1	98.1	98.1	98.1	98.1
GE 1800		70.1	81.4	86.9	92.2	93.4	95.1	96.0	96.0	96.9	97.1	97.1	98.1	98.1	98.1	98.1
GE 1500		70.1	81.4	86.9	92.2	93.4	95.3	96.2	96.2	97.1	97.2	97.2	98.2	98.2	98.2	98.2
GE 1200		70.1	81.4	86.9	92.2	93.4	95.3	96.2	96.2	97.1	97.2	97.2	98.2	98.2	98.2	98.2
GE 1000		70.1	81.4	87.0	92.5	93.7	95.6	96.5	96.5	97.3	97.5	97.5	98.5	98.5	98.5	98.5
GE 900		70.3	81.6	87.2	92.6	93.8	95.7	96.6	96.6	97.5	97.6	97.6	98.7	98.7	98.7	98.7
GE 800		70.4	81.7	87.3	92.8	94.1	96.0	96.9	96.9	97.8	97.9	97.9	99.0	99.0	99.0	99.0
GE 700		70.4	81.7	87.3	92.8	94.1	96.0	96.9	96.9	97.8	97.9	97.9	99.0	99.0	99.0	99.0
GE 600		70.4	81.7	87.3	92.8	94.1	96.0	96.9	96.9	97.8	97.9	97.9	99.0	99.0	99.0	99.0
GE 500		70.4	81.7	87.3	92.8	94.1	96.0	96.9	96.9	97.9	98.1	98.1	99.3	99.3	99.3	99.4
GE 400		70.4	81.7	87.3	92.8	94.1	96.0	96.9	96.9	97.9	98.1	98.1	99.3	99.3	99.3	99.4
GE 300		70.4	81.7	87.3	92.8	94.1	96.0	96.9	96.9	97.9	98.1	98.1	99.3	99.3	99.3	99.7
GE 200		70.5	81.9	87.5	92.9	94.3	96.2	97.1	97.1	98.1	98.2	98.2	99.4	99.4	99.6	100.0
GE 100		70.5	81.9	87.5	92.9	94.3	96.2	97.1	97.1	98.1	98.2	98.2	99.4	99.4	99.6	100.0
GE 0		70.5	81.9	87.5	92.9	94.3	96.2	97.1	97.1	98.1	98.2	98.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		60.2	62.6	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
GE 20000		74.6	76.9	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
GE 18000		74.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000		74.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000		77.5	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 12000		80.6	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 10000		84.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 9000		85.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000		85.9	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
GE 7000		86.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 6000		86.9	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 5000		87.4	89.9	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
GE 4500		87.4	89.9	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
GE 4000		87.8	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3500		88.5	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000		89.9	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500		92.5	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000		94.6	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800		94.6	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500		95.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200		95.9	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000		96.0	99.0	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
GE 900		96.0	99.0	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
GE 800		96.0	99.0	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
GE 700		96.0	99.0	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
GE 600		96.0	99.0	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
GE 500		96.0	99.0	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
GE 400		96.0	99.0	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
GE 300		96.0	99.0	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
GE 200		96.0	99.0	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
GE 100		96.0	99.0	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
GE 0		96.0	99.0	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: 681

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.7	47.9	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	63.4	64.8	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	64.8	66.2	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	65.1	66.5	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	67.2	68.6	69.0	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
GE 12000	70.8	72.2	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	76.6	77.9	78.4	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
GE 9000	77.0	78.4	78.9	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
GE 8000	78.2	79.6	80.1	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
GE 7000	78.7	80.1	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	79.6	81.0	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	80.4	81.9	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	80.5	82.0	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	83.4	85.0	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	86.3
GE 3500	84.7	86.6	87.2	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
GE 3000	88.2	90.5	91.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	92.0	94.9	95.5	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	93.2	96.1	96.8	98.6	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	93.2	96.1	96.8	98.6	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.0	96.8	97.6	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	94.0	96.8	97.6	99.4	99.5	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: 362

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		37.2	38.1	38.1	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 20000		53.5	54.9	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000		54.3	55.8	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000		54.3	55.8	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000		57.3	58.8	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 12000		61.1	62.5	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
GE 10000		66.2	67.6	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000		68.0	69.4	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 8000		71.3	72.7	72.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000		72.2	73.6	73.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000		72.6	74.0	74.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 5000		75.0	76.5	76.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500		75.9	77.3	77.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000		78.9	80.9	81.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500		80.5	83.0	83.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000		86.0	89.4	90.1	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500		88.3	92.2	93.5	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2
GE 2000		89.7	93.8	95.2	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.9	97.9
GE 1800		89.7	93.8	95.2	97.2	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.9	97.9
GE 1500		90.6	94.9	96.5	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.1	99.1
GE 1200		90.8	94.9	96.5	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.3	99.3
GE 1000		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8
GE 900		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8
GE 800		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8
GE 700		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8
GE 600		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8
GE 500		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8	100.0	100.0
GE 400		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8	100.0	100.0
GE 300		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8	100.0	100.0
GE 200		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8	100.0	100.0
GE 100		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8	100.0	100.0
GE 0		91.0	95.0	96.8	98.9	98.9	99.3	99.5	99.5	99.5	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796D STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1800-2200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		37.1	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 20000		52.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000		52.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000		53.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000		58.8	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
GE 12000		61.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000		67.6	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	70.3
GE 9000		70.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000		73.2	75.9	75.9	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 7000		73.2	75.9	75.9	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000		74.4	77.1	77.1	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 5000		77.1	80.3	80.3	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500		77.6	80.9	80.9	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000		81.5	84.7	85.0	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500		83.5	87.1	87.4	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3000		88.2	92.6	92.9	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	93.8	93.8
GE 2500		89.4	94.4	95.0	95.3	95.3	95.6	95.6	95.6	95.9	95.9	95.9	96.2	96.2	96.2	96.2
GE 2000		90.0	95.0	95.6	95.9	95.9	96.2	96.2	96.2	96.5	96.5	96.5	96.8	96.8	96.8	96.8
GE 1800		90.0	95.0	95.6	95.9	95.9	96.2	96.2	96.2	96.5	96.5	96.5	96.8	96.8	96.8	96.8
GE 1500		90.3	95.3	95.9	96.2	96.2	96.5	96.5	96.5	96.8	96.8	96.8	97.1	97.1	97.1	97.1
GE 1200		90.3	95.3	95.9	96.2	96.2	96.5	96.5	96.5	96.8	96.8	96.8	97.1	97.1	97.1	97.1
GE 1000		91.2	96.2	96.8	97.4	97.4	97.6	97.6	97.6	97.9	97.9	97.9	98.2	98.2	98.2	98.2
GE 900		91.2	96.2	96.8	97.4	97.4	97.6	97.6	97.6	97.9	97.9	97.9	98.2	98.2	98.2	98.2
GE 800		91.8	96.8	97.4	97.9	97.9	98.2	98.2	98.2	98.5	98.5	98.5	99.1	99.1	99.1	99.1
GE 700		91.8	96.8	97.4	97.9	97.9	98.2	98.2	98.2	98.5	98.5	98.5	99.1	99.1	99.1	99.1
GE 600		92.1	97.1	97.6	98.2	98.2	98.5	98.5	98.5	98.6	98.8	98.8	99.4	99.4	99.4	99.4
GE 500		92.1	97.4	97.9	98.5	98.5	98.8	98.8	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0
GE 400		92.1	97.4	97.9	98.5	98.5	98.8	98.8	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0
GE 300		92.1	97.4	97.9	98.5	98.5	98.8	98.8	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0
GE 200		92.1	97.4	97.9	98.5	98.5	98.8	98.8	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0
GE 100		92.1	97.4	97.9	98.5	98.5	98.8	98.8	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0
GE 0		92.1	97.4	97.9	98.5	98.5	98.8	98.8	98.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	76.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	77.9	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	80.5	80.5
GE 16000	79.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 14000	79.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 12000	83.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 10000	84.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 9000	85.1	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	87.7
GE 8000	85.1	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	87.7
GE 7000	86.4	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	89.0	89.0
GE 6000	86.4	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	89.0	89.0
GE 5000	86.4	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4500	86.4	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4000	87.7	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	89.6	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3000	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	92.9	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	99.4	99.4
GE 1200	92.9	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	99.4	99.4
GE 1000	92.9	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	99.4	99.4
GE 900	92.9	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	99.4	99.4
GE 800	92.9	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	99.4	99.4
GE 700	92.9	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	99.4	99.4
GE 600	93.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	93.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 154

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		49.3	53.7	55.2	56.9	57.1	57.5	57.8	57.8	58.1	58.1	58.1	58.3	58.3	58.3	58.3
GE 20000		61.6	66.7	68.4	70.0	70.4	70.8	71.1	71.1	71.4	71.5	71.5	71.7	71.7	71.7	71.7
GE 18000		62.5	67.4	69.1	70.8	71.1	71.5	71.8	71.8	72.1	72.2	72.2	72.4	72.4	72.4	72.4
GE 16000		62.7	67.6	69.3	71.0	71.3	71.7	72.0	72.0	72.3	72.4	72.4	72.6	72.6	72.6	72.6
GE 14000		64.8	69.7	71.4	73.1	73.4	73.9	74.1	74.1	74.5	74.5	74.5	74.7	74.7	74.7	74.7
GE 12000		67.6	72.6	74.2	75.9	76.2	76.7	76.9	76.9	77.3	77.3	77.3	77.5	77.5	77.5	77.5
GE 10000		71.6	76.9	78.6	80.3	80.6	81.1	81.4	81.4	81.7	81.7	81.7	81.9	81.9	82.0	82.0
GE 9000		73.0	78.2	79.9	81.6	81.9	82.5	82.7	82.7	83.1	83.1	83.1	83.3	83.3	83.3	83.3
GE 8000		74.7	79.9	81.6	83.5	83.8	84.3	84.6	84.6	84.9	85.0	85.0	85.2	85.2	85.2	85.2
GE 7000		75.2	80.5	82.2	84.1	84.4	84.9	85.2	85.2	85.5	85.6	85.6	85.8	85.8	85.8	85.8
GE 6000		75.8	81.0	82.7	84.6	84.9	85.5	85.7	85.7	86.1	86.1	86.1	86.3	86.3	86.3	86.3
GE 5000		76.8	82.2	84.0	85.8	86.2	86.7	86.9	86.9	87.3	87.3	87.3	87.5	87.5	87.6	87.6
GE 4500		77.1	82.4	84.2	86.1	86.4	86.9	87.2	87.2	87.5	87.6	87.6	87.8	87.8	87.8	87.8
GE 4000		78.7	84.2	86.0	88.0	88.3	88.9	89.1	89.1	89.5	89.5	89.5	89.7	89.7	89.7	89.7
GE 3500		79.7	85.3	87.2	89.2	89.5	90.1	90.3	90.3	90.6	90.7	90.7	90.9	90.9	90.9	90.9
GE 3000		82.1	88.1	90.1	92.1	92.5	93.0	93.3	93.3	93.7	93.7	93.7	93.9	93.9	94.0	94.0
GE 2500		84.1	90.4	92.4	94.5	94.9	95.5	95.8	95.8	96.2	96.2	96.2	96.4	96.4	96.5	96.5
GE 2000		85.1	91.5	93.6	96.1	96.4	97.0	97.3	97.3	97.7	97.7	97.7	98.0	98.0	98.1	98.1
GE 1800		85.1	91.5	93.6	96.1	96.4	97.0	97.3	97.3	97.7	97.7	97.7	98.0	98.0	98.1	98.1
GE 1500		85.7	92.2	94.4	96.8	97.2	97.9	98.1	98.1	98.5	98.6	98.6	98.8	98.8	98.9	98.9
GE 1200		85.7	92.2	94.4	96.9	97.2	97.9	98.2	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9
GE 1000		85.9	92.3	94.6	97.2	97.6	98.3	98.6	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 900		85.9	92.4	94.7	97.3	97.6	98.3	98.6	98.6	99.0	99.1	99.1	99.3	99.3	99.4	99.4
GE 800		86.0	92.5	94.8	97.4	97.8	98.5	98.8	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 700		86.0	92.5	94.8	97.4	97.8	98.5	98.8	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 600		86.1	92.6	94.9	97.5	97.8	98.5	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.6	99.6
GE 500		86.1	92.6	94.9	97.5	97.9	98.6	98.8	98.8	99.3	99.4	99.4	99.8	99.8	99.8	99.9
GE 400		86.1	92.6	94.9	97.5	97.9	98.6	98.8	98.8	99.3	99.4	99.4	99.8	99.8	99.8	99.9
GE 300		86.1	92.6	94.9	97.5	97.9	98.6	98.9	98.9	99.4	99.4	99.4	99.8	99.8	99.9	99.9
GE 200		86.1	92.7	94.9	97.5	97.9	98.6	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.9	100.0
GE 100		86.1	92.7	94.9	97.5	97.9	98.6	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.9	100.0
GE 0		86.1	92.7	94.9	97.5	97.9	98.6	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 3539

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-78,80-81
MONTH: JUL HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 20000		75.0	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
GE 18000		75.0	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
GE 16000		75.0	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
GE 14000		75.0	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
GE 12000		75.0	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
GE 10000		81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 9000		81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 8000		81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 7000		81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 6000		81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 5000		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 16

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		75.9	85.5	87.5	88.2	88.7	88.9	88.9	88.9	89.7	89.7	89.7	89.9	89.9	89.9	89.9
GE 20000		80.6	90.2	92.4	93.1	93.6	93.9	93.9	93.9	94.6	94.6	94.6	94.8	94.8	94.8	94.8
GE 18000		80.6	90.2	92.4	93.1	93.6	93.9	93.9	93.9	94.6	94.6	94.6	94.8	94.8	94.8	94.8
GE 16000		80.6	90.2	92.4	93.1	93.6	93.9	93.9	93.9	94.6	94.6	94.6	94.8	94.8	94.8	94.8
GE 14000		80.6	90.4	92.6	93.4	93.9	94.1	94.1	94.1	94.8	94.8	94.8	95.1	95.1	95.1	95.1
GE 12000		81.3	90.9	93.1	93.9	94.3	94.6	94.6	94.6	95.3	95.3	95.3	95.6	95.6	95.6	95.6
GE 10000		83.3	92.9	95.1	95.8	96.3	96.6	96.6	96.6	97.3	97.3	97.3	97.5	97.5	97.5	97.5
GE 9000		84.3	94.1	96.3	97.1	97.5	97.8	97.8	97.8	98.5	98.5	98.5	98.8	98.8	98.8	98.8
GE 8000		84.8	94.6	96.8	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 7000		84.8	94.6	96.8	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 6000		84.8	94.6	96.8	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 5000		84.8	94.6	96.8	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 4500		84.8	94.6	96.8	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 4000		84.8	94.6	96.8	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 3500		84.8	94.6	96.8	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 3000		84.8	94.6	96.8	97.5	98.0	98.3	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 2500		84.8	94.8	97.1	97.8	98.3	98.5	98.5	98.5	99.3	99.3	99.3	99.5	99.5	99.5	99.5
GE 2000		84.8	94.8	97.3	98.0	98.5	98.8	98.8	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 1800		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 1500		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 1200		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 1000		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 900		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 800		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 700		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 600		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 500		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0		84.8	94.8	97.5	98.3	98.8	99.0	99.0	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 407

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		69.9	78.1	81.8	82.9	83.1	83.4	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 20000		76.8	85.3	88.9	91.5	91.6	91.9	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 18000		77.1	85.6	89.2	91.8	91.9	92.2	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 16000		77.2	85.8	89.4	91.9	92.1	92.4	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 14000		77.7	86.2	89.8	92.4	92.5	92.8	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 12000		78.3	86.8	90.4	93.0	93.1	93.4	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 10000		80.5	89.2	92.8	95.5	95.7	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 9000		81.4	90.1	94.0	96.7	96.9	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 8000		81.7	90.4	94.3	97.0	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 7000		81.7	90.4	94.3	97.0	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 6000		81.7	90.4	94.3	97.0	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 5000		81.7	90.4	94.3	97.0	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 4500		81.9	90.6	94.5	97.2	97.3	97.6	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4000		82.2	90.9	94.8	97.5	97.6	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3500		82.2	90.9	94.8	97.5	97.6	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000		82.2	90.9	94.8	97.5	97.6	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500		82.5	91.2	95.1	97.8	97.9	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000		82.5	91.2	95.2	97.9	98.1	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800		82.6	91.3	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500		82.6	91.3	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200		82.6	91.3	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000		82.6	91.3	95.4	98.1	98.2	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900		82.8	91.5	95.5	98.2	98.4	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800		82.8	91.5	95.5	98.2	98.4	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700		82.8	91.5	95.5	98.2	98.4	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3
GE 600		82.8	91.5	95.5	98.2	98.4	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3
GE 500		82.8	91.5	95.5	98.2	98.4	98.7	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 400		82.8	91.5	95.5	98.2	98.4	98.7	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.6
GE 300		82.8	91.5	95.5	98.2	98.4	98.7	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.9
GE 200		82.8	91.5	95.5	98.2	98.4	98.7	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	100.0
GE 100		82.8	91.5	95.5	98.2	98.4	98.7	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	100.0
GE 0		82.8	91.5	95.5	98.2	98.4	98.7	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796D STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	65.7	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 20000	83.2	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 16000	84.2	86.4	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 15000	84.6	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 14000	86.9	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 12000	88.5	90.8	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
GE 10000	91.1	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 9000	92.1	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 8000	92.3	94.5	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	95.1
GE 7000	92.3	94.5	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	95.1
GE 6000	92.3	94.5	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	95.1
GE 5000	92.4	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4500	92.4	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4000	93.0	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	93.7	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	93.9	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	95.1	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	95.8	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	96.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	96.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 1200	96.0	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 1000	96.0	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 900	96.0	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	96.0	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 700	96.0	98.8	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	96.0	98.8	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	96.0	98.8	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	96.0	98.8	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	96.0	98.8	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	96.0	98.8	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	96.0	98.8	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	96.0	98.8	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-66
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		42.5	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000		64.7	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
GE 18000		65.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000		66.0	68.9	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
GE 14000		70.1	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000		73.0	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000		75.9	79.0	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
GE 9000		77.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000		77.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000		78.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000		78.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000		78.7	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500		79.4	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000		82.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500		84.8	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000		89.1	93.4	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500		92.3	96.8	97.1	97.5	97.5	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000		93.6	98.2	98.5	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800		93.6	98.2	98.5	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		93.9	98.5	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 652

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	LT 1/8	GE 0	GE 1/8	GE 1/4	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6
NO CEIL		27.7	29.3	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 20000		55.3	56.9	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000		56.7	58.3	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 16000		57.2	58.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000		61.2	62.9	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 12000		65.2	66.8	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 10000		70.8	72.5	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 9000		73.6	75.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 8000		76.8	78.4	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000		77.5	79.2	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000		77.7	79.5	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000		79.7	81.9	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500		79.9	82.1	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000		82.2	84.8	85.1	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500		83.9	86.8	87.3	88.2	88.2	88.2	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000		87.7	91.8	92.8	93.7	93.7	93.8	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500		89.3	93.8	94.9	96.0	96.0	96.2	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000		90.9	95.5	96.6	97.6	98.0	98.2	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800		90.9	95.5	96.6	97.6	98.0	98.2	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500		91.1	95.7	96.7	98.0	98.4	98.6	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.6
GE 1200		91.1	95.7	96.7	98.0	98.4	98.6	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.6
GE 1000		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.8
GE 900		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.8
GE 800		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.8
GE 700		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.8
GE 600		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.8
GE 500		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.8	100.0
GE 400		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.8	100.0
GE 300		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.8	100.0
GE 200		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.8	100.0
GE 100		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.8	100.0
GE 0		91.1	95.7	96.9	98.2	98.6	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 352

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		27.0	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 20000		58.9	59.9	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
GE 18000		60.7	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 16000		61.7	62.7	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000		64.6	65.6	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
GE 12000		68.6	69.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000		72.8	74.0	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000		74.8	76.1	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
GE 8000		77.6	79.2	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
GE 7000		79.9	81.5	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
GE 6000		80.7	82.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000		81.5	83.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4500		82.5	84.3	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
GE 4000		84.1	86.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500		85.6	88.2	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000		89.2	92.0	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500		90.0	93.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000		91.0	94.3	96.4	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800		91.0	94.6	96.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500		91.8	95.4	97.4	97.4	97.4	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200		91.8	95.4	97.4	97.4	97.4	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000		92.5	96.1	98.5	98.5	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900		92.5	96.1	98.5	98.5	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800		92.5	96.1	98.5	98.5	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700		92.5	96.1	98.5	98.5	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600		92.5	96.1	98.5	98.5	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500		92.5	96.1	98.5	98.5	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		92.5	96.1	98.5	98.5	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		92.5	96.1	98.5	98.5	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200		92.5	96.4	98.7	98.7	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		92.5	96.4	98.7	98.7	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		92.5	96.4	98.7	98.7	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 389

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 18000	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 16000	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 14000	79.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 12000	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 10000	87.6	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 9000	89.4	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 8000	91.9	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
GE 7000	92.5	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 6000	93.2	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 5000	94.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4500	94.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	94.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	95.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	95.7	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.9	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 161

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796J STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		52.4	56.3	57.2	57.7	57.6	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000		70.6	75.0	76.1	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
GE 18000		71.7	75.8	77.0	77.6	77.7	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 16000		72.1	76.2	77.4	78.0	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 14000		74.5	78.6	79.7	80.4	80.5	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 12000		76.7	80.8	82.0	82.7	82.7	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 10000		79.9	84.2	85.4	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 9000		81.5	85.8	87.0	87.7	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 8000		82.6	86.9	88.2	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 7000		83.1	87.4	88.7	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 6000		83.2	87.6	88.9	89.6	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 5000		83.8	88.3	89.5	90.3	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500		84.2	88.6	89.9	90.6	90.7	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000		85.4	89.9	91.3	92.0	92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500		86.5	91.2	92.6	93.4	93.5	93.6	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000		88.3	93.4	95.0	95.8	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500		89.6	94.9	96.5	97.4	97.5	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000		90.3	95.7	97.4	98.3	98.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800		90.4	95.8	97.5	98.4	98.6	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500		90.6	96.0	97.7	98.7	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 1200		90.6	96.0	97.7	98.7	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 1000		90.6	96.1	97.8	98.8	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 900		90.7	96.1	97.8	98.9	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 800		90.7	96.1	97.8	98.9	99.0	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 700		90.7	96.1	97.8	98.9	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 600		90.7	96.1	97.8	98.9	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 500		90.7	96.1	97.8	98.9	99.1	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9
GE 400		90.7	96.1	97.8	98.9	99.1	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9
GE 300		90.7	96.1	97.8	98.9	99.1	99.3	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9
GE 200		90.7	96.1	97.9	98.9	99.1	99.3	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 100		90.7	96.1	97.9	98.9	99.1	99.3	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 0		90.7	96.1	97.9	98.9	99.1	99.3	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-81
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	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: 23

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		78.9	86.8	87.0	87.7	87.7	87.9	87.9	87.9	87.9	88.4	88.4	88.4	88.4	88.4	88.4
GE 20000		83.3	91.2	91.6	92.3	92.3	92.5	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0
GE 18000		83.3	91.2	91.6	92.3	92.3	92.5	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0
GE 16000		83.3	91.2	91.6	92.3	92.3	92.5	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0
GE 14000		83.5	91.4	91.9	92.5	92.5	92.7	92.7	92.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2
GE 12000		84.0	91.9	92.3	93.0	93.0	93.2	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6
GE 10000		86.6	94.7	95.4	96.0	96.0	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7
GE 9000		87.3	95.4	96.0	96.7	96.7	96.9	96.9	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4
GE 8000		87.7	95.8	97.1	97.8	97.8	98.0	98.0	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5
GE 7000		87.9	96.0	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7
GE 6000		87.9	96.0	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7
GE 5000		87.9	96.0	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7
GE 4500		87.9	96.0	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7
GE 4000		88.1	96.5	97.8	98.5	98.5	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1
GE 3500		88.1	96.5	97.8	98.5	98.5	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1
GE 3000		88.1	96.5	97.8	98.5	98.5	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 900		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 800		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 400		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 300		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 200		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 100		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 0		88.6	97.1	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 455

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		67.9	75.4	77.4	77.8	78.0	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6
GE 20000		75.7	84.0	86.3	87.1	87.2	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8
GE 18000		75.7	84.0	86.3	87.1	87.2	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8
GE 16000		76.0	84.3	86.6	87.3	87.5	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1
GE 14000		77.0	85.3	87.6	88.3	88.5	88.8	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1
GE 12000		79.6	88.1	90.4	91.1	91.2	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8
GE 10000		81.7	90.5	92.8	93.5	93.7	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
GE 9000		82.4	91.2	93.5	94.2	94.4	94.7	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 8000		83.7	92.5	94.8	95.5	95.7	96.0	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4
GE 7000		84.2	92.9	95.3	96.0	96.1	96.4	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
GE 6000		84.3	93.1	95.4	96.1	96.3	96.5	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 5000		84.7	93.5	95.8	96.5	96.7	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
GE 4500		84.7	93.5	95.8	96.5	96.7	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000		84.7	93.5	95.8	96.5	96.7	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500		85.0	93.8	96.1	96.8	97.0	97.3	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000		85.2	94.0	96.3	97.0	97.1	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500		85.5	94.2	96.5	97.3	97.4	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000		85.6	94.4	96.7	97.4	97.6	97.8	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800		85.6	94.4	96.7	97.4	97.6	97.8	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500		85.9	94.7	97.1	98.0	98.1	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200		86.0	94.8	97.3	98.3	98.4	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000		86.0	94.8	97.3	98.3	98.4	98.8	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 900		86.0	94.8	97.3	98.3	98.4	98.8	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 800		86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 700		86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 600		86.2	95.0	97.4	98.4	98.6	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 500		86.2	95.0	97.4	98.5	98.7	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 400		86.2	95.0	97.4	98.6	98.7	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		86.2	95.0	97.4	98.6	98.7	99.3	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 200		86.2	95.0	97.4	98.6	98.7	99.3	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 100		86.2	95.0	97.4	98.6	98.7	99.3	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 0		86.2	95.0	97.4	98.6	98.7	99.3	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796C STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		63.8	64.0	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
GE 20000		81.1	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
GE 18000		81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 16000		81.6	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
GE 14000		83.4	83.6	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
GE 12000		85.4	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 10000		89.2	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
GE 9000		90.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 8000		91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 7000		91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 6000		91.5	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000		91.5	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500		91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000		91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500		92.7	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	93.4
GE 3000		95.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500		97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000		98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800		98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500		98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200		98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000		98.6	99.3	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
GE 900		98.6	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		98.7	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700		98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 697

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET		VISIBILITY IN STATUTE MILES														
		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL			49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000			72.8	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
GE 18000			73.7	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
GE 16000			74.4	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
GE 14000			78.0	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
GE 12000			80.2	80.8	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
GE 10000			83.3	83.9	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 9000			84.8	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 8000			84.9	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 7000			85.1	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000			85.4	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 5000			85.7	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500			85.8	86.4	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000			86.7	87.6	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3500			88.2	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3000			92.9	93.9	94.2	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500		.1	95.6	97.0	97.5	97.8	97.9	98.1	98.1	98.1	98.1	99.1	98.1	98.2	98.2	98.2	98.2
GE 2000		.1	96.0	97.5	97.9	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 1800		.1	96.0	97.5	97.9	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 1500		.1	96.6	98.2	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 1200		.1	96.7	98.4	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 1000		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0		.1	96.9	98.5	99.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		30.2	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 20000		62.3	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
GE 18000		63.2	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
GE 16000		63.2	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
GE 14000		68.2	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000		71.6	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000		79.6	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
GE 9000		81.5	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
GE 8000		82.9	83.6	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
GE 7000		84.1	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 6000		84.3	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000		85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500		85.2	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
GE 4000		86.7	87.8	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500		88.0	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000		92.0	93.9	94.1	94.6	94.6	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500		94.1	96.5	96.9	97.6	97.6	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000		95.1	97.6	97.9	98.6	98.6	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800		95.1	97.6	97.9	98.6	98.6	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500		95.1	97.6	97.9	98.6	98.6	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 1200		95.1	97.6	97.9	98.6	98.6	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 1000		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 900		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 800		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 700		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 600		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 500		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 400		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 300		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 200		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 100		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 0		95.3	97.7	98.1	98.8	98.8	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		25.3	25.3	25.3	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 20000		59.6	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000		61.0	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000		61.8	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000		68.8	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
GE 12000		71.6	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 10000		79.5	80.1	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
GE 9000		81.7	82.3	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 8000		84.6	85.4	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
GE 7000		85.1	86.0	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 6000		86.5	87.4	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 5000		87.4	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4500		88.8	89.6	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
GE 4000		91.6	92.4	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500		91.9	92.7	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000		93.8	94.9	95.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500		94.7	95.8	96.9	97.2	97.2	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000		96.3	97.5	98.6	98.9	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800		96.3	97.5	98.6	98.9	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		96.6	97.8	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		96.6	97.8	98.9	99.2	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: 356

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		55.8	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
GE 20000		78.2	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
GE 18000		79.5	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
GE 16000		79.5	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
GE 14000		85.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 12000		87.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 10000		89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 9000		91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 8000		94.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 7000		94.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 6000		94.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000		94.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4500		94.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000		95.5	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	97.4
GE 3500		95.5	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	97.4
GE 3000		96.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500		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	100.0
GE 2000		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	100.0
GE 1800		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	100.0
GE 1500		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	100.0
GE 1200		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	100.0
GE 1000		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	100.0
GE 900		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	100.0
GE 800		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	100.0
GE 700		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	100.0
GE 600		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	100.0
GE 500		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	100.0
GE 400		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	100.0
GE 300		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	100.0
GE 200		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	100.0
GE 100		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	100.0
GE 0		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	100.0

TOTAL NUMBER OF OBSERVATIONS: 156

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-80
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		54.5	57.2	57.6	57.8	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000		73.7	76.6	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000		74.2	77.1	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 16000		74.6	77.5	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
GE 14000		77.6	80.5	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 12000		79.8	82.8	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 10000		84.0	87.1	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 9000		85.3	88.5	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 8000		86.4	89.6	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 7000		86.8	89.9	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 6000		87.1	90.3	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 5000		87.4	90.7	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500		87.7	90.9	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 4000		88.4	91.7	92.5	92.8	92.8	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500		89.1	92.5	93.2	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000		91.5	95.0	95.8	96.1	96.2	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	.0	92.8	96.6	97.4	97.9	97.9	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	.0	93.5	97.2	98.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	.0	93.5	97.2	98.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	.0	93.7	97.5	98.4	98.9	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
GE 1200	.0	93.8	97.6	98.5	99.0	99.0	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	.0	93.9	97.7	98.6	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
GE 900	.0	93.9	97.7	98.6	99.1	99.1	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 800	.0	93.9	97.7	98.6	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	.0	94.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 600	.0	94.0	97.7	98.7	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 500	.0	94.0	97.7	98.7	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	.0	94.0	97.7	98.7	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	.0	94.0	97.7	98.7	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	.0	94.0	97.7	98.7	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	.0	94.0	97.7	98.7	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	.0	94.0	97.7	98.7	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 3631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76,80-81
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	81.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 20000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 18000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 16000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 14000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 12000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 10000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 9000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 8000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 7000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 6000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4500	87.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4000	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	93.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 16

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0300-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.9	76.3	78.0	81.4	81.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9
GE 20000	68.4	83.1	84.7	88.1	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.7
GE 18000	68.4	83.1	84.7	88.1	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.7
GE 16000	68.4	83.1	84.7	88.1	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.7
GE 14000	68.4	83.1	84.7	88.1	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.7
GE 12000	69.8	84.5	86.2	89.5	89.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1
GE 10000	72.0	86.7	88.4	91.8	91.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4
GE 9000	72.3	87.0	88.7	92.1	92.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
GE 8000	73.4	88.1	89.8	93.2	93.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8
GE 7000	74.0	88.7	90.4	93.8	93.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.3
GE 6000	74.6	89.3	91.0	94.4	94.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 5000	74.6	89.3	91.0	94.4	94.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 4500	74.6	89.3	91.0	94.4	94.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 4000	74.6	89.3	91.0	94.4	94.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 3500	74.9	89.5	91.2	94.6	94.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2
GE 3000	76.0	90.7	92.4	95.8	95.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3
GE 2500	76.0	91.0	92.7	96.0	96.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 2000	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 1800	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 1500	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 1200	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 1000	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 900	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 800	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 700	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 600	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4
GE 500	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	76.3	91.5	93.5	96.9	96.9	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 754

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		48.0	59.3	63.0	66.3	67.0	68.7	69.5	69.5	71.4	71.5	71.5	72.1	72.1	72.2	72.2
GE 20000		54.4	67.3	71.7	75.8	76.6	78.6	79.5	79.5	81.5	82.0	82.0	82.7	82.7	83.0	83.0
GE 18000		54.4	67.3	71.7	75.8	76.6	78.6	79.5	79.5	81.5	82.0	82.0	82.7	82.7	83.0	83.0
GE 16000		54.5	67.8	72.2	76.4	77.3	79.3	80.1	80.1	82.2	82.7	82.7	83.3	83.3	83.7	83.7
GE 14000		55.9	69.2	73.6	77.8	78.6	80.6	81.5	81.5	83.5	84.0	84.0	84.7	84.7	85.0	85.0
GE 12000		58.1	71.7	76.1	80.6	81.5	83.5	84.5	84.5	86.5	87.0	87.0	87.7	87.7	88.0	88.0
GE 10000		62.3	76.3	80.6	85.2	86.0	88.0	89.1	89.1	91.1	91.6	91.6	92.3	92.3	92.6	92.6
GE 9000		63.3	77.3	81.6	86.2	87.0	89.1	90.1	90.1	92.1	92.6	92.6	93.3	93.3	93.6	93.6
GE 8000		64.5	78.8	83.2	87.7	88.6	90.6	91.6	91.6	93.6	94.1	94.1	94.8	94.8	95.1	95.1
GE 7000		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.6	95.6
GE 6000		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.6	95.6
GE 5000		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.6	95.6
GE 4500		65.0	79.3	83.7	88.2	89.1	91.1	92.1	92.1	94.1	94.6	94.6	95.3	95.3	95.6	95.6
GE 4000		65.0	79.5	84.0	88.6	89.4	91.4	92.4	92.4	94.4	94.9	94.9	95.6	95.6	96.0	96.0
GE 3500		65.0	79.5	84.0	88.6	89.4	91.4	92.4	92.4	94.4	94.9	94.9	95.6	95.6	96.0	96.0
GE 3000		65.5	80.0	84.5	89.1	89.9	91.9	92.9	92.9	94.9	95.5	95.5	96.1	96.1	96.5	96.5
GE 2500		65.8	80.3	84.8	89.4	90.2	92.3	93.3	93.3	95.3	95.8	95.8	96.5	96.5	96.8	96.8
GE 2000		66.3	81.0	85.5	90.1	90.9	92.9	93.9	93.9	96.0	96.5	96.5	97.1	97.1	97.5	97.5
GE 1800		66.3	81.0	85.5	90.1	90.9	92.9	93.9	93.9	96.0	96.5	96.5	97.1	97.1	97.5	97.5
GE 1500		66.7	81.3	85.9	90.4	91.2	93.3	94.3	94.3	96.3	96.8	96.8	97.5	97.5	97.8	97.8
GE 1200		66.7	81.3	85.9	90.4	91.2	93.3	94.3	94.3	96.3	96.8	96.8	97.5	97.5	97.8	97.8
GE 1000		66.8	81.8	86.4	90.9	91.8	93.8	94.8	94.8	97.0	97.6	97.6	98.3	98.3	98.7	98.7
GE 900		66.8	81.8	86.4	90.9	91.8	93.8	94.8	94.8	97.0	97.6	97.6	98.3	98.3	98.7	98.7
GE 800		67.2	82.2	86.7	91.2	92.1	94.1	95.1	95.1	97.3	98.0	98.0	98.7	98.7	99.0	99.0
GE 700		67.2	82.2	86.7	91.2	92.1	94.1	95.1	95.1	97.3	98.0	98.0	98.7	98.7	99.0	99.0
GE 600		67.2	82.2	86.7	91.2	92.1	94.1	95.3	95.3	97.5	98.1	98.1	98.8	98.8	99.2	99.2
GE 500		67.2	82.2	86.7	91.2	92.1	94.3	95.5	95.5	97.8	98.5	98.5	99.2	99.2	99.5	99.5
GE 400		67.2	82.2	86.7	91.2	92.1	94.4	95.6	95.6	98.0	98.7	98.7	99.3	99.3	99.7	99.7
GE 300		67.2	82.2	86.7	91.2	92.1	94.4	95.6	95.6	98.0	98.7	98.7	99.3	99.3	99.7	99.7
GE 200		67.2	82.2	86.9	91.4	92.3	94.6	95.8	95.8	98.1	98.8	98.8	99.5	99.5	100.0	100.0
GE 100		67.2	82.2	86.9	91.4	92.3	94.6	95.8	95.8	98.1	98.8	98.8	99.5	99.5	100.0	100.0
GE 0		67.2	82.2	86.9	91.4	92.3	94.6	95.8	95.8	98.1	98.8	98.8	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.1	54.6	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	71.7	73.4	74.7	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
GE 18000	72.5	74.2	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	75.9
GE 16000	72.8	74.5	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 14000	76.4	76.1	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	80.1	82.0	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 10000	84.6	85.8	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 9000	84.5	86.3	87.7	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
GE 8000	85.7	87.5	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 7000	86.2	88.0	89.9	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
GE 6000	86.3	88.2	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 5000	86.5	88.5	90.4	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
GE 4500	86.5	88.5	90.4	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
GE 4000	86.7	88.7	90.6	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
GE 3500	87.2	89.2	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	89.4	91.4	93.3	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	91.6	93.8	95.8	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	92.9	95.1	97.1	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
GE 1800	92.9	95.1	97.1	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
GE 1500	94.1	96.3	98.3	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	94.3	96.5	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	94.3	96.5	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	94.6	96.8	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	94.8	97.0	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	94.8	97.0	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	94.8	97.0	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	94.8	97.0	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	94.8	97.0	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	94.9	97.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.9	97.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	97.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	94.9	97.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 593

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		41.6	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000		66.6	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 18000		66.6	69.3	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000		66.9	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 14000		70.6	73.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 12000		74.6	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
GE 10000		79.4	82.2	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
GE 9000		79.6	82.4	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 8000		81.9	84.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 7000		81.9	84.8	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000		82.4	85.4	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 5000		82.6	85.5	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500		82.6	85.5	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000		82.9	85.9	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500		83.8	86.9	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000		88.3	91.6	93.0	93.4	93.6	93.7	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500		91.5	94.8	96.5	97.0	97.2	97.4	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000		92.0	95.3	97.0	97.7	97.9	98.1	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800		92.0	95.3	97.0	97.7	97.9	98.1	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 600		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 500		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 400		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0		93.0	96.3	98.1	98.8	99.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 574

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 20000	58.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	59.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	59.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	62.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 12000	68.3	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 10000	73.8	76.9	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
GE 9000	76.1	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	78.9	82.0	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	79.6	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000	80.7	84.0	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	81.8	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	82.5	85.8	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	83.6	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3500	84.3	88.0	89.1	89.1	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000	88.0	92.5	93.6	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	90.2	95.1	96.2	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
GE 2000	91.1	96.2	97.6	98.2	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9
GE 1800	91.1	96.2	97.8	98.2	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9
GE 1500	91.1	96.2	97.8	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1
GE 1200	91.1	96.2	97.8	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1
GE 1000	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3
GE 900	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3
GE 800	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3
GE 700	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8
GE 600	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8
GE 500	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8
GE 400	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.3	99.3	99.8	99.8	99.8	99.8	100.0
GE 300	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.3	99.3	99.8	99.8	99.8	99.8	100.0
GE 200	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.3	99.3	99.8	99.8	99.8	99.8	100.0
GE 100	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.3	99.3	99.8	99.8	99.8	99.8	100.0
GE 0	91.1	96.2	97.8	98.4	98.4	98.7	98.9	98.9	99.1	99.3	99.3	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 451

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		41.0	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 20000		66.1	66.5	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
GE 18000		66.5	66.9	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
GE 16000		66.5	66.9	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
GE 14000		70.1	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
GE 12000		74.5	75.3	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
GE 10000		76.5	77.7	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
GE 9000		77.7	78.9	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
GE 8000		80.5	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
GE 7000		82.5	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	84.5
GE 6000		84.9	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 5000		86.1	88.0	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
GE 4500		87.3	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4000		89.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500		89.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000		90.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500		94.0	96.0	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000		94.0	96.8	97.6	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800		94.8	96.8	97.6	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500		94.8	97.2	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200		94.8	97.2	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000		95.2	97.6	98.4	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900		95.2	97.6	98.4	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800		95.2	97.6	98.4	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700		95.2	97.6	98.4	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		95.2	97.6	98.4	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		95.2	97.6	98.4	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		95.2	97.6	98.4	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		95.2	97.6	98.4	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		95.2	97.6	98.4	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		95.2	97.6	98.4	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		95.2	97.6	98.4	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 251

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-83
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000		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	77.2
GE 18000		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	77.2
GE 16000		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	78.2
GE 14000		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	80.2
GE 12000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 10000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 9000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 8000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 7000		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 6000		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5000		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500		90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4000		90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500		90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000		90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500		93.1	94.1	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
GE 2000		96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800		96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500		96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0
GE 1200		96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96.0
GE 1000		96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900		96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800		97.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700		97.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600		98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		98.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		47.2	52.3	53.5	54.6	54.7	55.4	55.5	55.5	55.9	55.9	55.9	56.0	56.0	56.1	56.1
GE 20000		64.4	70.0	71.5	72.8	73.0	73.7	73.9	73.9	74.3	74.4	74.4	74.5	74.5	74.6	74.6
GE 18000		64.8	70.5	72.1	73.3	73.5	74.2	74.4	74.4	74.8	74.9	74.9	75.0	75.0	75.1	75.1
GE 16000		65.1	70.8	72.4	73.7	73.9	74.6	74.7	74.7	75.2	75.3	75.3	75.4	75.4	75.5	75.5
GE 14000		67.6	73.3	74.9	76.2	76.4	77.1	77.3	77.3	77.7	77.8	77.8	77.9	77.9	78.0	78.0
GE 12000		71.3	77.3	78.9	80.3	80.4	81.1	81.3	81.3	81.7	81.8	81.8	82.0	82.0	82.0	82.1
GE 10000		75.2	81.4	83.0	84.4	84.6	85.2	85.4	85.4	85.9	86.0	86.0	86.1	86.1	86.2	86.2
GE 9000		76.0	82.2	83.8	85.2	85.4	86.1	86.3	86.3	86.7	86.8	86.8	86.9	86.9	87.0	87.0
GE 8000		77.8	84.0	85.9	87.3	87.5	88.2	88.4	88.4	88.8	88.9	88.9	89.1	89.1	89.1	89.2
GE 7000		78.4	84.7	86.5	88.0	88.2	88.9	89.1	89.1	89.5	89.6	89.6	89.7	89.7	89.8	89.8
GE 6000		79.0	85.3	87.2	88.6	88.8	89.5	89.7	89.7	90.1	90.2	90.2	90.4	90.4	90.4	90.5
GE 5000		79.3	85.7	87.6	89.1	89.3	89.9	90.1	90.1	90.6	90.7	90.7	90.8	90.8	90.9	90.9
GE 4500		79.5	85.9	87.8	89.3	89.5	90.2	90.4	90.4	90.8	90.9	90.9	91.1	91.1	91.1	91.2
GE 4000		80.0	86.5	88.4	89.9	90.1	90.8	91.0	91.0	91.4	91.5	91.5	91.7	91.7	91.8	91.8
GE 3500		80.4	87.0	88.9	90.4	90.6	91.3	91.5	91.5	91.9	92.0	92.0	92.2	92.2	92.2	92.3
GE 3000		82.7	89.4	91.3	92.9	93.1	93.8	94.0	94.0	94.5	94.6	94.6	94.8	94.8	94.9	94.9
GE 2500		84.5	91.3	93.5	95.1	95.3	96.1	96.3	96.3	96.8	96.9	96.9	97.1	97.1	97.1	97.2
GE 2000		85.3	92.3	94.5	96.2	96.4	97.2	97.4	97.4	98.0	98.1	98.1	98.3	98.3	98.3	98.4
GE 1800		85.3	92.3	94.5	96.2	96.4	97.2	97.4	97.4	98.0	98.1	98.1	98.3	98.3	98.3	98.4
GE 1500		85.9	92.8	95.1	96.8	97.0	97.8	98.0	98.0	98.6	98.7	98.7	98.8	98.8	98.9	98.9
GE 1200		85.9	92.8	95.1	96.8	97.0	97.8	98.1	98.1	98.6	98.7	98.7	98.9	98.9	98.9	99.0
GE 1000		86.0	93.0	95.2	96.9	97.1	98.0	98.2	98.2	98.8	98.9	98.9	99.1	99.1	99.2	99.2
GE 900		86.0	93.0	95.3	97.0	97.2	98.0	98.3	98.3	98.9	99.0	99.0	99.2	99.2	99.3	99.3
GE 800		86.2	93.2	95.4	97.1	97.3	98.2	98.4	98.4	99.0	99.1	99.1	99.3	99.3	99.4	99.4
GE 700		86.2	93.2	95.4	97.2	97.4	98.2	98.5	98.5	99.1	99.3	99.3	99.5	99.5	99.6	99.6
GE 600		86.2	93.2	95.5	97.2	97.4	98.3	98.6	98.6	99.1	99.4	99.4	99.6	99.6	99.7	99.7
GE 500		86.2	93.2	95.5	97.2	97.4	98.3	98.6	98.6	99.2	99.5	99.5	99.7	99.7	99.8	99.8
GE 400		86.2	93.2	95.5	97.2	97.4	98.3	98.6	98.6	99.3	99.5	99.5	99.8	99.8	99.8	99.9
GE 300		86.2	93.3	95.5	97.2	97.4	98.4	98.7	98.7	99.3	99.6	99.6	99.8	99.8	99.9	99.9
GE 200		86.2	93.3	95.5	97.3	97.5	98.4	98.7	98.7	99.3	99.6	99.6	99.8	99.8	99.9	100.0
GE 100		86.2	93.3	95.5	97.3	97.5	98.4	98.7	98.7	99.3	99.6	99.6	99.8	99.8	99.9	100.0
GE 0		86.2	93.3	95.5	97.3	97.5	98.4	98.7	98.7	99.3	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2934

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 80-81
MONTH: OCT HOURS(LST): 0300-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		64.7	82.4	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 20000		64.7	82.4	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 18000		64.7	82.4	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 16000		64.7	82.4	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 14000		64.7	82.4	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 12000		64.7	82.4	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 10000		64.7	82.4	86.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 9000		70.6	88.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 8000		76.5	94.1	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
GE 7000		76.5	94.1	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
GE 6000		76.5	94.1	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
GE 5000		76.5	94.1	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
GE 4500		76.5	94.1	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
GE 4000		76.5	94.1	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
GE 3500		76.5	94.1	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
GE 3000		76.5	94.1	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
GE 2500		76.5	94.1	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
GE 2000		76.5	94.1	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
GE 1800		76.5	94.1	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
GE 1500		76.5	94.1	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
GE 1200		76.5	94.1	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
GE 1000		76.5	94.1	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
GE 900		76.5	94.1	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
GE 800		76.5	94.1	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
GE 700		76.5	94.1	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
GE 600		76.5	94.1	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
GE 500		76.5	94.1	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
GE 400		76.5	94.1	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
GE 300		76.5	94.1	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
GE 200		76.5	94.1	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
GE 100		76.5	94.1	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
GE 0		76.5	94.1	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: 17

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	59.9	73.3	75.8	78.1	78.7	79.4	79.7	79.7	80.2	80.7	80.7	81.7	81.7	82.0	82.3
GE 20000	65.3	79.4	82.0	84.6	85.3	86.4	86.6	86.6	87.1	87.7	87.7	88.7	88.7	89.2	89.5
GE 18000	65.3	79.4	82.0	84.8	85.3	86.4	86.6	86.6	87.1	87.7	87.7	88.7	88.7	89.2	89.5
GE 16000	65.3	79.4	82.0	84.8	85.3	86.4	86.6	86.6	87.1	87.7	87.7	88.7	88.7	89.2	89.5
GE 14000	65.6	79.7	82.3	85.1	85.6	86.6	86.9	86.9	87.4	87.9	87.9	88.9	88.9	89.5	89.7
GE 12000	65.8	79.9	82.8	86.1	86.6	87.7	87.9	87.9	88.4	88.9	88.9	90.0	90.0	90.5	90.7
GE 10000	66.8	81.2	84.1	87.4	87.9	88.9	89.2	89.2	89.7	90.2	90.2	91.3	91.3	91.8	92.0
GE 9000	67.4	81.7	84.6	87.9	88.4	89.5	89.7	89.7	90.2	90.7	90.7	91.8	91.8	92.3	92.5
GE 8000	67.9	82.3	85.1	88.4	88.9	90.0	90.2	90.2	90.7	91.3	91.3	92.3	92.3	92.8	93.1
GE 7000	68.1	82.5	85.3	89.7	89.2	90.2	90.5	90.5	91.0	91.5	91.5	92.5	92.5	93.1	93.3
GE 6000	68.4	82.8	85.6	88.9	89.5	90.5	90.7	90.7	91.3	91.8	91.8	92.8	92.8	93.3	93.6
GE 5000	68.9	83.3	86.1	89.5	90.0	91.0	91.3	91.3	91.8	92.3	92.3	93.3	93.3	93.8	94.1
GE 4500	69.2	83.5	86.4	89.7	90.2	91.3	91.5	91.5	92.0	92.5	92.5	93.6	93.6	94.1	94.3
GE 4000	70.2	84.6	87.4	90.7	91.3	92.3	92.5	92.5	93.1	93.6	93.6	94.6	94.6	95.1	95.4
GE 3500	70.2	85.1	87.9	91.3	91.8	92.8	93.1	93.1	93.6	94.1	94.1	95.1	95.1	95.6	95.9
GE 3000	70.2	85.1	87.9	91.3	91.8	92.8	93.1	93.1	93.6	94.1	94.1	95.1	95.1	95.6	95.9
GE 2500	70.2	85.9	88.7	92.0	92.5	93.6	93.8	93.8	94.3	94.9	94.9	95.9	95.9	96.4	96.7
GE 2000	70.2	85.9	88.7	92.0	92.5	93.6	93.8	93.8	94.3	94.9	94.9	95.9	95.9	96.4	96.7
GE 1800	70.2	85.9	88.7	92.0	92.5	93.6	93.8	93.8	94.3	94.9	94.9	95.9	95.9	96.4	96.7
GE 1500	71.2	86.9	89.7	93.1	93.6	94.6	94.9	94.9	95.4	95.9	95.9	96.9	96.9	97.4	97.7
GE 1200	71.2	86.9	89.7	93.1	93.6	94.6	94.9	94.9	95.4	95.9	95.9	96.9	96.9	97.4	97.7
GE 1000	71.5	87.1	90.0	93.3	93.8	94.9	95.1	95.1	95.6	96.1	96.1	97.2	97.2	97.7	97.9
GE 900	71.5	87.1	90.0	93.3	93.8	94.9	95.1	95.1	95.6	96.1	96.1	97.2	97.2	97.7	97.9
GE 800	71.5	87.1	90.0	93.3	93.8	94.9	95.1	95.1	95.6	96.1	96.1	97.2	97.2	97.7	97.9
GE 700	71.7	87.7	90.5	93.8	94.3	95.4	95.6	95.6	96.1	96.7	96.7	97.7	97.7	98.2	98.5
GE 600	71.7	87.9	90.7	94.1	94.6	95.6	95.9	95.9	96.4	96.9	96.9	97.9	97.9	98.5	98.7
GE 500	71.7	88.1	91.0	94.6	95.1	96.1	96.4	96.4	96.9	97.4	97.4	98.5	98.5	99.0	99.2
GE 450	71.7	88.2	91.0	94.6	95.1	96.1	96.4	96.4	96.9	97.7	97.7	98.7	98.7	99.2	99.5
GE 300	71.7	88.2	91.0	94.6	95.1	96.1	96.4	96.4	96.9	97.7	97.7	98.7	98.7	99.2	99.5
GE 200	71.7	88.2	91.0	94.6	95.1	96.1	96.4	96.4	96.9	97.7	97.7	98.7	98.7	99.2	99.5
GE 100	71.7	88.2	91.0	94.6	95.1	96.1	96.4	96.4	96.9	97.7	97.7	98.7	98.7	99.2	100.0
GE 0	71.7	88.2	91.0	94.6	95.1	96.1	96.4	96.4	96.9	97.7	97.7	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 369

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		48.3	56.6	61.2	63.3	63.5	65.4	66.1	66.1	66.8	67.9	68.0	68.7	68.7	68.8	69.3
GE 20000		56.9	65.7	70.9	73.2	73.7	75.8	76.5	76.5	77.5	78.9	79.1	80.1	80.1	80.3	80.7
GE 18000		57.2	66.1	71.3	73.5	74.0	76.1	76.8	76.8	77.8	79.2	79.4	80.4	80.4	80.6	81.0
GE 16000		57.2	66.1	71.3	73.5	74.0	76.1	76.8	76.8	77.8	79.2	79.4	80.4	80.4	80.6	81.0
GE 14000		57.6	66.8	72.2	74.5	74.9	77.1	77.7	77.7	78.7	80.1	80.3	81.3	81.3	81.5	82.0
GE 12000		59.5	68.5	73.9	76.1	76.6	78.7	79.4	79.4	80.4	81.8	82.0	83.0	83.0	83.2	83.8
GE 10000		63.1	72.5	77.8	80.1	80.6	82.7	83.3	83.3	84.4	85.8	85.9	87.2	87.2	87.5	88.1
GE 9000		63.8	73.9	79.2	81.7	82.1	84.3	84.9	84.9	86.1	87.5	87.6	88.8	88.8	89.1	89.8
GE 8000		64.4	74.6	80.0	82.4	82.9	85.0	85.6	85.6	86.9	88.2	88.4	89.6	89.6	89.9	90.5
GE 7000		65.0	75.4	80.7	83.2	83.6	85.8	86.4	86.4	87.6	89.0	89.1	90.4	90.4	90.7	91.3
GE 6000		65.0	75.4	80.7	83.2	83.6	85.8	86.4	86.4	87.6	89.0	89.1	90.4	90.4	90.7	91.3
GE 5000		65.9	76.3	81.7	84.1	84.6	86.7	87.3	87.3	88.5	89.9	90.1	91.3	91.3	91.6	92.2
GE 4500		66.8	77.2	82.6	85.0	85.5	87.6	88.2	88.2	89.4	90.8	91.0	92.2	92.2	92.5	93.1
GE 4000		66.8	77.2	82.6	85.0	85.5	87.6	88.2	88.2	89.4	90.8	91.0	92.2	92.2	92.5	93.1
GE 3500		67.3	77.8	83.2	85.6	86.2	88.4	89.0	89.0	90.2	91.6	91.7	93.0	93.0	93.4	94.0
GE 3000		67.6	78.3	83.6	86.2	86.7	88.8	89.4	89.4	90.7	92.0	92.2	93.4	93.4	93.9	94.5
GE 2500		67.9	79.1	84.4	87.0	87.5	89.6	90.2	90.2	91.4	92.8	93.0	94.2	94.2	94.6	95.3
GE 2000		68.2	79.4	84.7	87.3	87.8	89.9	90.5	90.5	91.7	93.1	93.3	94.5	94.5	95.0	95.6
GE 1800		68.2	79.4	84.7	87.3	87.8	89.9	90.5	90.5	91.7	93.1	93.3	94.5	94.5	95.0	95.6
GE 1500		68.3	79.5	84.9	87.5	87.9	90.1	90.7	90.7	91.9	93.3	93.4	94.6	94.6	95.1	95.7
GE 1200		68.3	79.5	84.9	87.5	87.9	90.1	90.7	90.7	91.9	93.3	93.4	94.6	94.6	95.1	95.7
GE 1000		68.3	79.5	84.9	87.5	87.9	90.1	90.7	90.7	92.0	93.4	93.6	94.8	94.8	95.3	95.9
GE 900		68.3	79.5	84.9	87.5	87.9	90.1	90.7	90.7	92.0	93.6	93.7	95.0	95.0	95.4	96.0
GE 800		68.5	79.7	85.0	87.6	88.1	90.2	90.8	90.8	92.4	93.9	94.0	95.3	95.3	95.7	96.3
GE 700		68.7	80.1	85.5	88.1	88.5	90.7	91.3	91.3	93.0	94.5	94.6	95.9	95.9	96.3	96.9
GE 600		68.8	80.6	85.9	88.5	89.0	91.1	91.7	91.7	93.4	95.0	95.1	96.3	96.3	96.8	97.6
GE 500		68.8	80.6	85.9	88.7	89.3	91.6	92.2	92.2	94.2	95.7	95.9	97.1	97.1	97.6	98.3
GE 400		68.8	80.6	85.9	88.7	89.4	91.7	92.4	92.4	94.3	96.0	96.2	97.4	97.4	97.9	98.8
GE 300		68.8	80.6	85.9	88.7	89.4	91.7	92.5	92.5	94.5	96.2	96.3	97.6	97.6	98.3	99.7
GE 200		68.8	80.7	86.1	88.8	89.6	91.9	92.7	92.7	94.6	96.3	96.5	97.7	97.7	98.6	100.0
GE 100		68.8	80.7	86.1	88.8	89.6	91.9	92.7	92.7	94.6	96.3	96.5	97.7	97.7	98.6	100.0
GE 0		68.8	80.7	86.1	88.8	89.6	91.9	92.7	92.7	94.6	96.3	96.5	97.7	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 654

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.5	62.6	63.6	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
GE 20000	73.2	74.4	75.5	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
GE 16000	73.8	75.0	76.1	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
GE 15000	73.8	75.0	76.1	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
GE 14000	74.9	76.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	78.2	79.4	80.5	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
GE 10000	82.1	83.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 9000	82.4	83.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8000	83.5	84.8	85.9	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
GE 7000	84.8	86.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 6000	85.6	86.3	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
GE 5000	85.9	87.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	86.0	87.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4000	86.8	88.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	87.2	88.7	89.8	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
GE 3000	89.2	90.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	89.6	91.4	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	92.2	93.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	92.2	93.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	93.5	95.3	96.5	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
GE 1200	93.7	95.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	94.1	95.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	94.3	96.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	94.6	96.5	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	94.7	96.7	98.5	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	94.9	96.8	98.6	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	95.0	97.0	98.8	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.0	97.0	98.8	99.2	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.0	97.0	98.8	99.2	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.0	97.0	98.8	99.2	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	97.0	98.8	99.2	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.0	97.0	98.8	99.2	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747963 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 18000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 16000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 14000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 10000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 9000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 6000	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	86.9	86.9
GE 5000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	98.9	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	98.9	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	98.9	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.9	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.9	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
GE 20000	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	77.2	
GE 18000	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	
GE 16000	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	
GE 14000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
GE 12000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	
GE 10000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
GE 9000	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	86.6	86.6	
GE 8000	88.8	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	
GE 7000	89.8	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	
GE 6000	90.9	91.7	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	
GE 5000	92.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 4500	92.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 4000	94.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
GE 3500	96.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 3000	97.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 2500	97.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 2000	97.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1800	97.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1500	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	97.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 580

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 14000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 12000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 10000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 9000		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000		90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 7000		92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 6000		92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 5000		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 4500		94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4000		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000		97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500		98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000		99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800		99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500		99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200		99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000		99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900		99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800		99.1	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		99.1	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		99.1	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		99.1	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		99.1	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		99.1	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		99.1	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		99.1	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		99.1	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 328

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	77.9	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	79.1
GE 20000	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 18000	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 16000	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 14000	81.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 12000	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	84.9	84.9
GE 10000	88.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 9000	88.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 8000	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 7000	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 6000	93.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 5000	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	95.3	95.3
GE 4500	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	95.3	95.3
GE 4000	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3500	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3000	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	96.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.5	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 86

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		58.1	61.5	62.9	63.7	63.8	64.2	64.4	64.4	64.6	64.9	64.9	65.1	65.1	65.2	65.3
GE 20000		70.3	74.0	75.5	76.3	76.5	77.0	77.2	77.2	77.4	77.8	77.8	78.1	78.1	78.2	78.3
GE 18000		70.5	74.2	75.7	76.6	76.7	77.2	77.4	77.4	77.6	78.0	78.0	78.3	78.3	78.4	78.5
GE 16000		70.6	74.3	75.8	76.7	76.8	77.4	77.5	77.5	77.6	78.1	78.1	78.4	78.4	78.5	78.7
GE 14000		71.6	75.3	76.9	77.7	77.9	78.4	78.6	78.6	78.8	79.2	79.2	79.5	79.5	79.6	79.7
GE 12000		74.0	77.7	79.3	80.2	80.3	80.9	81.0	81.0	81.3	81.6	81.6	82.0	82.0	82.1	82.2
GE 10000		77.4	81.2	82.8	83.7	83.8	84.4	84.5	84.5	84.8	85.1	85.1	85.5	85.5	85.6	85.8
GE 9000		78.2	82.2	83.8	84.8	84.9	85.4	85.6	85.6	85.9	86.2	86.2	86.6	86.6	86.7	86.9
GE 8000		79.8	83.9	85.5	86.4	86.6	87.1	87.3	87.3	87.6	87.9	87.9	88.3	88.3	88.4	88.5
GE 7000		81.0	85.2	86.8	87.7	87.9	88.4	88.5	88.5	88.8	89.2	89.2	89.6	89.6	89.7	89.8
GE 6000		81.5	85.7	87.3	88.2	88.4	88.9	89.0	89.0	89.3	89.7	89.7	90.1	90.1	90.2	90.3
GE 5000		82.4	86.6	88.3	89.2	89.3	89.9	90.0	90.0	90.3	90.6	90.7	91.0	91.0	91.1	91.3
GE 4500		83.0	87.2	88.9	89.8	89.9	90.5	90.6	90.6	90.9	91.2	91.3	91.6	91.6	91.7	91.9
GE 4000		84.3	88.5	90.2	91.1	91.2	91.8	91.9	91.9	92.2	92.5	92.6	92.9	92.9	93.0	93.2
GE 3500		85.2	89.6	91.2	92.1	92.3	92.8	93.0	93.0	93.3	93.6	93.6	94.0	94.0	94.1	94.3
GE 3000		86.4	90.9	92.5	93.5	93.7	94.2	94.3	94.3	94.7	95.0	95.0	95.4	95.4	95.5	95.7
GE 2500		87.1	91.8	93.4	94.4	94.5	95.1	95.2	95.2	95.5	95.9	95.9	96.2	96.2	96.4	96.5
GE 2000		87.9	92.7	94.4	95.4	95.6	96.1	96.2	96.2	96.6	96.9	96.9	97.3	97.3	97.4	97.6
GE 1800		87.9	92.7	94.4	95.4	95.6	96.1	96.2	96.2	96.6	96.9	96.9	97.3	97.3	97.4	97.6
GE 1500		88.4	93.3	95.0	96.0	96.1	96.7	96.8	96.8	97.2	97.5	97.5	97.9	97.9	98.0	98.2
GE 1200		88.4	93.3	95.1	96.1	96.2	96.7	96.9	96.9	97.2	97.6	97.6	98.0	98.0	98.1	98.3
GE 1000		88.5	93.5	95.2	96.2	96.3	96.9	97.0	97.0	97.4	97.7	97.8	98.1	98.1	98.3	98.4
GE 900		88.6	93.5	95.3	96.3	96.4	97.0	97.2	97.2	97.5	97.9	97.9	98.3	98.3	98.4	98.5
GE 800		88.7	93.6	95.4	96.4	96.5	97.1	97.3	97.3	97.7	98.1	98.1	98.5	98.5	98.6	98.8
GE 700		88.8	93.8	95.6	96.7	96.8	97.4	97.6	97.6	98.0	98.4	98.4	98.8	98.8	98.9	99.1
GE 600		88.8	93.9	95.8	96.8	97.0	97.5	97.7	97.7	98.2	98.5	98.5	98.9	98.9	99.1	99.2
GE 500		88.8	94.0	95.9	97.0	97.1	97.8	98.0	98.0	98.5	98.8	98.8	99.2	99.2	99.3	99.5
GE 400		88.8	94.0	95.9	97.0	97.2	97.8	98.0	98.0	98.5	99.0	99.0	99.3	99.3	99.5	99.7
GE 300		88.8	94.0	95.9	97.0	97.2	97.8	98.0	98.0	98.5	99.0	99.0	99.4	99.4	99.6	99.9
GE 200		88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.9
GE 100		88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.6	99.0	99.1	99.4	99.4	99.6	100.0
GE 0		88.8	94.0	95.9	97.0	97.2	97.9	98.1	98.1	98.6	99.0	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 3378

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 79-80
MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000		50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000		50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000		50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000		50.0	66.7	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
GE 12000		50.0	66.7	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
GE 10000		50.0	66.7	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
GE 9000		50.0	66.7	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
GE 8000		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		66.7	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		45.4	55.1	61.1	62.7	62.7	64.9	64.9	64.9	68.6	69.2	69.2	69.7	69.7	70.3	71.9
GE 20000		48.6	58.4	64.3	65.9	65.9	68.1	68.1	68.1	71.9	72.4	72.4	73.0	73.0	73.5	75.1
GE 18000		48.6	58.4	64.3	65.9	65.9	68.1	68.1	68.1	71.9	72.4	72.4	73.0	73.0	73.5	75.1
GE 16000		48.6	58.4	64.3	65.9	65.9	68.1	68.1	68.1	71.9	72.4	72.4	73.0	73.0	73.5	75.1
GE 14000		48.6	58.4	64.3	65.9	65.9	68.1	68.1	68.1	71.9	72.4	72.4	73.0	73.0	73.5	75.1
GE 12000		50.3	60.0	65.9	67.6	67.6	69.7	69.7	69.7	73.5	74.1	74.1	74.6	74.6	75.1	76.8
GE 10000		51.9	62.7	69.2	70.8	70.8	73.0	73.0	73.0	76.8	77.3	77.3	77.8	77.8	78.4	80.0
GE 9000		51.9	62.7	69.2	70.8	70.8	73.0	73.0	73.0	76.8	77.3	77.3	77.8	77.8	78.4	80.0
GE 8000		53.0	63.8	70.3	72.4	72.4	74.6	74.6	74.6	78.4	78.9	78.9	79.5	79.5	80.0	81.6
GE 7000		53.0	63.8	70.3	72.4	72.4	74.6	74.6	74.6	78.4	78.9	78.9	79.5	79.5	80.0	81.6
GE 6000		53.5	64.3	70.8	73.0	73.0	75.1	75.1	75.1	78.9	79.5	79.5	80.0	80.0	80.5	82.2
GE 5000		54.1	64.9	71.4	74.1	74.1	76.2	76.2	76.2	80.0	80.5	80.5	81.1	81.1	81.6	83.2
GE 4500		54.1	64.9	71.4	74.1	74.1	76.2	76.2	76.2	80.0	80.5	80.5	81.1	81.1	81.6	83.2
GE 4000		55.7	66.5	73.0	75.7	75.7	77.8	77.8	77.8	81.6	82.2	82.2	82.7	82.7	83.2	84.9
GE 3500		56.2	67.6	74.1	76.8	76.8	78.9	78.9	78.9	82.7	83.2	83.2	83.8	83.8	84.3	85.9
GE 3000		57.3	69.7	76.2	78.9	78.9	81.1	81.1	81.1	84.9	85.4	85.4	85.9	85.9	86.5	88.1
GE 2500		58.4	70.8	77.3	80.0	80.0	82.2	82.2	82.2	85.9	86.5	86.5	87.0	87.0	87.6	89.2
GE 2000		58.9	71.4	77.8	80.5	80.5	82.7	82.7	82.7	86.5	87.0	87.0	87.6	87.6	88.1	89.7
GE 1800		58.9	71.4	77.8	80.5	80.5	82.7	82.7	82.7	86.5	87.0	87.0	87.6	87.6	88.1	89.7
GE 1500		60.0	72.4	78.9	81.6	81.6	83.8	83.8	83.8	87.6	88.1	88.1	88.6	88.6	89.2	90.8
GE 1200		60.0	73.0	79.5	82.2	82.2	84.3	84.3	84.3	88.1	88.6	88.6	89.2	89.2	89.7	91.4
GE 1000		60.0	73.5	80.0	82.7	82.7	84.9	84.9	84.9	88.6	89.2	89.2	89.7	89.7	90.3	91.9
GE 900		60.0	73.5	80.0	82.7	82.7	84.9	84.9	84.9	88.6	89.2	89.2	89.7	89.7	90.3	91.9
GE 800		60.0	73.5	80.0	82.7	82.7	84.9	84.9	84.9	88.6	89.2	89.2	89.7	89.7	90.3	91.9
GE 700		60.5	75.1	81.6	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5
GE 600		60.5	75.1	81.6	84.3	84.3	86.5	86.5	86.5	90.3	90.8	90.8	91.4	91.4	91.9	93.5
GE 500		60.5	75.1	81.6	84.3	84.3	87.0	87.0	87.0	91.9	92.4	92.4	93.0	93.0	93.5	95.7
GE 400		60.5	75.7	82.2	84.9	84.9	87.6	87.6	87.6	92.4	93.0	93.0	93.5	93.5	94.1	96.2
GE 300		60.5	75.7	82.2	84.9	84.9	87.6	87.6	87.6	92.4	93.5	93.5	94.6	94.6	96.2	98.9
GE 200		60.5	75.7	82.2	84.9	84.9	87.6	87.6	87.6	92.4	94.1	94.1	95.1	95.1	97.3	100.0
GE 100		60.5	75.7	82.2	84.9	84.9	87.6	87.6	87.6	92.4	94.1	94.1	95.1	95.1	97.3	100.0
GE 0		60.5	75.7	82.2	84.9	84.9	87.6	87.6	87.6	92.4	94.1	94.1	95.1	95.1	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 185

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		37.1	44.6	49.2	51.9	52.5	53.7	54.7	54.7	56.3	56.6	56.6	57.3	57.5	58.5	58.8
GE 20000		40.3	48.6	54.2	57.1	57.8	59.0	60.0	60.0	61.5	62.0	62.0	62.7	62.9	63.9	64.4
GE 18000		40.7	49.2	54.8	57.5	58.1	59.3	60.3	60.5	62.0	62.5	62.5	63.2	63.4	64.4	64.9
GE 16000		40.7	49.2	54.8	57.5	58.1	59.3	60.3	60.5	62.0	62.5	62.5	63.2	63.4	64.4	64.9
GE 14000		40.8	49.7	55.1	58.0	58.6	60.0	61.0	61.2	62.7	63.2	63.2	63.9	64.1	65.1	65.6
GE 12000		41.5	50.3	55.8	58.8	59.7	60.8	61.9	62.0	63.6	64.1	64.1	64.7	64.9	65.9	66.4
GE 10000		43.7	53.4	59.2	62.4	63.2	64.4	65.4	65.6	67.3	68.0	68.0	68.6	68.8	69.8	70.3
GE 9000		44.6	54.7	60.7	63.9	64.7	65.9	66.9	67.1	68.8	69.5	69.5	70.2	70.3	71.4	71.9
GE 8000		46.6	57.1	63.4	66.8	67.6	68.8	69.8	70.0	71.7	72.4	72.4	73.1	73.2	74.2	74.9
GE 7000		48.5	59.2	65.4	68.8	69.7	70.8	71.9	72.0	73.9	74.6	74.6	75.3	75.4	76.4	77.1
GE 6000		49.0	59.7	65.9	69.3	70.2	71.4	72.4	72.5	74.4	75.1	75.1	75.8	75.9	76.9	77.6
GE 5000		49.8	60.7	66.9	70.5	71.4	72.5	73.7	73.9	75.8	76.4	76.4	77.1	77.3	78.3	79.0
GE 4500		49.8	60.7	67.1	70.7	71.5	72.7	73.9	74.1	75.9	76.6	76.6	77.3	77.5	78.5	79.2
GE 4000		50.6	61.7	68.1	71.7	72.5	73.7	74.9	75.1	76.9	77.6	77.6	78.3	78.5	79.5	80.2
GE 3500		51.0	61.9	68.3	71.9	72.7	73.9	75.1	75.3	77.1	77.8	77.8	78.5	78.6	79.7	80.3
GE 3000		52.0	63.6	70.0	73.6	74.4	75.6	76.8	76.9	78.6	79.5	79.5	80.2	80.3	81.4	82.0
GE 2500		53.2	64.9	71.7	75.3	76.1	77.3	78.5	78.6	80.5	81.2	81.2	81.9	82.0	83.1	83.7
GE 2000		54.2	66.3	73.1	76.8	77.6	78.8	80.0	80.2	82.0	82.7	82.7	83.4	83.6	84.6	85.3
GE 1800		54.2	66.3	73.1	76.8	77.6	78.8	80.0	80.2	82.0	82.7	82.7	83.4	83.6	84.6	85.3
GE 1500		55.1	67.1	74.1	77.8	78.6	79.8	81.2	81.4	83.2	83.9	83.9	84.6	84.7	85.8	86.4
GE 1200		55.4	67.8	74.7	78.5	79.3	80.5	81.9	82.0	83.9	84.6	84.6	85.3	85.4	86.4	87.1
GE 1000		55.9	68.8	75.8	79.5	80.3	81.7	83.1	83.2	85.1	85.8	85.8	86.6	86.8	87.8	88.6
GE 900		56.1	69.0	75.9	79.7	80.5	81.9	83.2	83.4	85.3	85.9	85.9	86.8	86.9	88.0	88.8
GE 800		56.4	69.7	76.8	80.5	81.4	82.9	84.2	84.4	86.3	86.9	86.9	87.8	88.0	89.0	89.8
GE 700		56.4	69.7	76.9	80.8	81.7	83.2	84.6	84.7	86.8	87.5	87.5	88.3	88.5	89.5	90.3
GE 600		56.6	69.8	77.3	81.7	82.5	84.2	85.8	85.9	88.0	88.8	88.8	89.7	89.8	90.8	91.7
GE 500		56.6	69.8	77.5	82.4	83.4	85.6	87.1	87.3	89.8	91.0	91.0	92.2	92.5	93.6	95.1
GE 400		56.8	70.2	77.8	82.9	83.9	86.1	87.6	87.8	90.5	91.9	91.9	93.2	93.6	94.9	96.4
GE 300		56.8	70.2	78.0	83.2	84.2	86.4	88.0	88.1	91.2	92.7	92.9	94.6	94.9	96.6	98.8
GE 200		56.8	70.2	78.0	83.2	84.2	86.4	88.0	88.1	91.2	92.9	93.1	94.7	95.1	96.9	99.2
GE 100		56.8	70.2	78.0	83.2	84.2	86.4	88.0	88.1	91.2	92.9	93.1	94.9	95.3	97.3	99.5
GE 0		56.8	70.2	78.0	83.2	84.2	86.4	88.0	88.1	91.2	92.9	93.1	94.9	95.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 590

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.1	55.8	56.5	57.0	57.0	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	60.7	63.9	64.6	65.0	65.0	65.2	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 18000	60.7	63.9	64.6	65.0	65.0	65.2	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 16000	61.0	64.2	64.9	65.4	65.4	65.5	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	62.1	65.4	66.0	66.5	66.5	66.7	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	64.2	67.5	68.1	68.6	68.6	68.8	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	67.0	70.2	70.9	71.4	71.4	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	68.9	72.2	72.8	73.3	73.3	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	70.6	73.8	74.4	74.9	74.9	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	73.6	77.0	77.7	78.2	78.2	78.3	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 6000	74.1	77.5	78.2	78.6	78.6	78.8	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	75.2	78.6	79.4	79.9	79.9	80.1	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	75.4	78.8	79.6	80.1	80.1	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	75.7	79.1	79.9	80.4	80.4	80.6	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	76.5	80.1	80.9	81.4	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	79.0	82.7	83.5	84.1	84.1	84.3	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2500	80.7	84.6	85.4	86.1	86.1	86.2	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	81.4	85.3	86.2	86.9	86.9	87.1	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	81.7	85.6	86.6	87.2	87.2	87.4	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	82.7	86.7	87.7	88.3	88.3	88.5	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	84.0	88.0	89.0	89.8	89.8	90.0	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	85.4	90.0	90.9	91.9	91.9	92.1	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	86.1	90.6	91.7	92.7	92.7	93.0	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	86.7	91.4	92.9	93.9	93.9	94.3	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1
GE 700	87.4	92.2	94.0	95.1	95.1	95.6	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4
GE 600	87.9	92.7	94.8	96.1	96.1	96.6	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 500	88.0	92.9	95.3	97.1	97.2	98.2	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 400	88.0	92.9	95.3	97.1	97.2	98.2	98.7	98.7	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 300	88.0	92.9	95.3	97.2	97.4	98.4	98.9	98.9	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	88.0	92.9	95.3	97.2	97.4	98.4	98.9	98.9	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	88.0	92.9	95.3	97.2	97.4	98.4	98.9	98.9	99.7	99.7	99.7	99.8	100.0	100.0	100.0
GE 0	88.0	92.9	95.3	97.2	97.4	98.4	98.9	98.9	99.7	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		51.1	51.1	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
GE 20000		62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000		63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000		63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000		64.3	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000		66.4	66.9	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
GE 10000		70.4	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000		72.5	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000		75.5	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
GE 7000		76.3	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 6000		77.6	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000		79.5	80.2	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
GE 4500		79.7	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
GE 4000		81.6	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
GE 3500		84.1	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
GE 3000		86.9	87.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500		89.9	90.5	91.3	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000		91.3	92.1	93.0	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800		91.7	92.5	93.3	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500		94.9	95.7	96.6	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200		95.9	96.7	97.5	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000		96.2	97.1	97.9	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900		96.6	97.4	98.2	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800		96.7	97.5	98.4	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		96.7	97.5	98.4	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		96.7	97.5	98.4	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		96.7	97.5	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		96.7	97.5	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		96.7	97.5	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		96.7	97.5	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		96.7	97.5	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		96.7	97.5	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000		64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000		65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000		65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000		66.4	66.7	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
GE 12000		69.1	69.5	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
GE 10000		71.9	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
GE 9000		72.9	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 8000		75.5	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
GE 7000		77.0	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
GE 6000		78.4	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
GE 5000		82.7	84.0	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
GE 4500		83.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000		85.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500		87.9	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	89.8
GE 3000		90.5	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500		92.6	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000		93.1	95.0	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800		93.1	95.0	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500		95.2	97.2	98.0	98.0	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200		95.2	97.2	98.0	98.0	98.0	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000		95.2	97.2	98.3	98.5	98.5	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900		95.2	97.2	98.3	98.5	98.5	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800		95.2	97.2	98.3	98.5	98.5	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		95.2	97.2	98.3	98.5	98.5	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600		95.2	97.2	98.3	98.5	98.5	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500		95.2	97.2	98.3	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		95.2	97.2	98.3	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		95.2	97.2	98.3	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		95.2	97.2	98.3	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		95.2	97.2	98.3	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		95.2	97.2	98.3	98.7	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		68.1	68.5	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
GE 20000		73.2	73.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000		73.2	73.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000		73.2	73.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 14000		73.5	73.9	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
GE 12000		75.9	76.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 10000		79.0	79.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000		79.4	80.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 8000		80.5	81.3	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
GE 7000		82.1	82.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000		82.5	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
GE 5000		83.3	84.0	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
GE 4500		84.0	84.8	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
GE 4000		87.5	88.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500		88.3	89.1	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
GE 3000		91.8	93.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500		92.6	93.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000		92.6	94.9	96.1	98.1	96.1	98.1	98.1	98.1	96.1	98.1	98.1	98.1	96.1	98.1	96.1
GE 1800		92.6	94.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500		92.6	95.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200		92.6	95.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		92.6	95.3	98.4	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 257

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74790 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	81.0	83.3	83.3	83.3	83.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
GE 20000	83.3	85.7	85.7	85.7	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 18000	83.3	85.7	85.7	85.7	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 16000	83.3	85.7	85.7	85.7	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 14000	83.3	85.7	85.7	85.7	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 12000	88.1	90.5	90.5	90.5	90.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
GE 10000	89.3	91.7	91.7	91.7	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 9000	89.3	91.7	91.7	91.7	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 8000	92.9	95.2	95.2	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 7000	92.9	95.2	95.2	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 6000	92.9	95.2	95.2	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 5000	92.9	95.2	95.2	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 4500	92.9	95.2	95.2	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 4000	94.0	96.4	96.4	96.4	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 3500	94.0	96.4	96.4	96.4	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 3000	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 2500	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 2000	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1800	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1500	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1200	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1000	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 900	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 800	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 700	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 600	95.2	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 500	96.4	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	96.4	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	96.4	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	96.4	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	96.4	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	96.4	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		51.2	54.1	55.8	56.5	56.7	57.1	57.4	57.4	57.9	58.0	58.0	58.2	58.3	58.5	58.7
GE 20000		58.5	61.9	63.8	64.6	64.7	65.1	65.4	65.4	66.0	66.1	66.1	66.3	66.4	66.6	66.8
GE 18000		58.9	62.2	64.1	64.9	65.0	65.5	65.8	65.8	66.4	66.5	66.5	66.7	66.7	67.0	67.2
GE 16000		58.9	62.3	64.2	65.0	65.1	65.6	65.8	65.9	66.5	66.6	66.6	66.8	66.8	67.0	67.3
GE 14000		59.8	63.2	65.1	65.9	66.1	66.5	66.8	66.8	67.4	67.6	67.6	67.7	67.8	68.0	68.2
GE 12000		61.6	65.2	67.1	67.9	68.1	68.6	68.8	68.9	69.5	69.6	69.6	69.8	69.8	70.1	70.3
GE 10000		64.6	68.3	70.3	71.2	71.4	71.8	72.1	72.1	72.8	72.9	72.9	73.1	73.1	73.4	73.6
GE 9000		65.8	69.7	71.7	72.6	72.8	73.2	73.5	73.5	74.1	74.3	74.3	74.5	74.5	74.8	75.0
GE 8000		68.0	72.0	74.1	75.0	75.2	75.6	75.9	75.9	76.6	76.7	76.7	76.9	76.9	77.2	77.4
GE 7000		69.6	73.7	75.8	76.7	76.9	77.3	77.6	77.6	78.3	78.5	78.5	78.6	78.7	78.9	79.2
GE 6000		70.5	74.5	76.6	77.6	77.7	78.2	78.5	78.5	79.2	79.3	79.3	79.5	79.5	79.8	80.0
GE 5000		72.2	76.4	78.6	79.6	79.8	80.2	80.5	80.5	81.2	81.4	81.4	81.6	81.6	81.8	82.1
GE 4500		72.6	76.7	79.0	80.0	80.1	80.6	80.9	80.9	81.6	81.8	81.8	81.9	82.0	82.2	82.5
GE 4000		73.9	78.1	80.4	81.4	81.6	82.0	82.3	82.4	83.0	83.2	83.2	83.4	83.4	83.7	83.9
GE 3500		75.3	79.6	81.9	82.9	83.0	83.5	83.8	83.8	84.5	84.7	84.7	84.8	84.9	85.1	85.4
GE 3000		77.5	82.1	84.4	85.5	85.6	86.1	86.4	86.5	87.1	87.3	87.3	87.5	87.5	87.7	88.0
GE 2500		79.3	84.0	86.4	87.5	87.7	88.2	88.5	88.6	89.2	89.4	89.4	89.6	89.6	89.9	90.1
GE 2000		80.1	85.0	87.6	88.8	89.0	89.5	89.9	89.9	90.6	90.7	90.7	90.9	90.9	91.2	91.4
GE 1800		80.2	85.1	87.7	88.9	89.1	89.7	90.0	90.0	90.7	90.9	90.9	91.0	91.1	91.3	91.6
GE 1500		81.7	86.7	89.4	90.6	90.8	91.5	91.9	91.9	92.6	92.7	92.7	92.9	92.9	93.2	93.4
GE 1200		82.3	87.4	90.1	91.4	91.6	92.2	92.7	92.7	93.4	93.5	93.5	93.7	93.7	94.0	94.2
GE 1000		82.8	88.1	90.9	92.2	92.4	93.1	93.6	93.6	94.4	94.6	94.6	94.8	94.8	95.1	95.3
GE 900		83.0	88.4	91.1	92.5	92.7	93.5	93.9	93.9	94.7	94.9	94.9	95.1	95.1	95.4	95.6
GE 800		83.2	88.7	91.6	93.0	93.2	94.0	94.5	94.5	95.3	95.5	95.5	95.7	95.7	96.0	96.3
GE 700		83.4	89.0	92.0	93.5	93.6	94.5	94.9	95.0	95.8	96.0	96.0	96.2	96.2	96.5	96.7
GE 600		83.6	89.1	92.2	93.8	94.0	94.9	95.4	95.4	96.2	96.4	96.4	96.7	96.7	97.0	97.2
GE 500		83.6	89.2	92.4	94.3	94.5	95.7	96.2	96.2	97.2	97.5	97.5	97.8	97.9	98.1	98.5
GE 400		83.7	89.3	92.5	94.4	94.6	95.8	96.3	96.3	97.5	97.8	97.8	98.1	98.2	98.5	99.0
GE 300		83.7	89.3	92.5	94.5	94.7	95.9	96.4	96.4	97.6	98.0	98.1	98.5	98.6	99.0	99.7
GE 200		83.7	89.3	92.5	94.5	94.7	95.9	96.4	96.4	97.6	98.1	98.1	98.6	98.7	99.2	99.8
GE 100		83.7	89.3	92.5	94.5	94.7	95.9	96.4	96.4	97.6	98.1	98.1	98.6	98.7	99.3	99.9
GE 0		83.7	89.3	92.5	94.5	94.7	95.9	96.4	96.4	97.6	98.1	98.1	98.6	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 2889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 80-81,83
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		70.0	70.0	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
GE 20000		70.0	70.0	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
GE 18000		70.0	70.0	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
GE 16000		70.0	70.0	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
GE 14000		70.0	70.0	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
GE 12000		70.0	70.0	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
GE 10000		70.0	70.0	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
GE 9000		70.0	70.0	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
GE 8000		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		80.0	80.0	100.0	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.4	45.2	47.7	47.7	47.7	50.3	50.3	50.3	50.3	51.0	51.0	52.9	52.9	54.2	56.7
GE 20000	41.9	49.0	51.6	51.6	51.6	54.2	54.2	54.2	54.2	54.8	54.8	56.8	56.8	58.1	62.6
GE 18000	41.9	49.0	51.6	51.6	51.6	54.2	54.2	54.2	54.2	54.8	54.8	56.8	56.8	58.1	62.6
GE 16000	41.9	49.0	51.6	51.6	51.6	54.2	54.2	54.2	54.2	54.8	54.8	56.8	56.8	58.1	62.6
GE 14000	41.9	49.0	51.6	51.6	51.6	54.2	54.2	54.2	54.2	54.8	54.8	56.8	56.8	58.1	62.6
GE 12000	42.6	49.7	52.3	52.3	52.3	54.8	54.8	54.8	54.8	55.5	55.5	57.4	57.4	58.7	63.2
GE 10000	43.2	50.3	52.9	52.9	52.9	55.5	55.5	55.5	55.5	56.1	56.1	58.1	58.1	59.4	63.9
GE 9000	43.9	51.0	53.5	53.5	53.5	56.1	56.1	56.1	56.1	56.8	56.8	58.7	58.7	60.0	64.5
GE 8000	45.2	52.3	54.8	54.8	54.8	57.4	57.4	57.4	57.4	58.1	58.1	60.0	60.0	61.3	65.8
GE 7000	45.2	52.3	54.8	54.8	54.8	57.4	57.4	57.4	57.4	58.1	58.1	60.0	60.0	61.3	65.8
GE 6000	45.8	52.9	55.5	55.5	55.5	58.1	58.1	58.1	58.1	58.7	58.7	60.6	60.6	61.9	66.5
GE 5000	45.8	53.5	56.8	56.8	56.8	59.4	59.4	59.4	59.4	60.0	60.0	61.9	61.9	63.2	67.7
GE 4500	46.5	54.8	58.1	58.1	58.1	60.6	60.6	60.6	60.6	61.3	61.3	63.2	63.2	64.5	69.0
GE 4000	48.4	56.8	60.6	60.6	60.6	63.2	63.2	63.2	63.2	63.9	63.9	65.8	65.8	67.1	71.0
GE 3500	49.7	58.1	61.9	61.9	61.9	64.5	64.5	64.5	64.5	65.2	65.2	67.1	67.1	68.4	72.9
GE 3000	51.0	59.4	63.2	63.2	63.2	65.8	65.8	65.8	65.8	66.5	66.5	68.4	68.4	69.7	74.2
GE 2500	52.3	60.6	64.5	64.5	64.5	67.1	67.1	67.1	67.1	67.7	67.7	69.7	69.7	71.0	75.5
GE 2000	54.2	62.6	66.5	66.5	66.5	69.7	69.7	69.7	70.3	71.0	71.0	72.9	72.9	74.2	78.7
GE 1800	54.2	63.2	67.1	67.1	67.1	70.3	70.3	70.3	71.0	71.6	71.6	73.5	73.5	74.8	79.4
GE 1500	54.2	63.2	67.1	67.1	67.1	70.3	70.3	70.3	71.0	71.6	71.6	73.5	73.5	74.8	79.4
GE 1200	54.2	63.2	67.1	67.1	67.1	70.3	70.3	70.3	71.0	71.6	71.6	73.5	73.5	74.8	79.4
GE 1000	55.5	64.5	69.7	70.3	70.3	73.5	73.5	73.5	74.2	74.8	74.8	76.8	76.8	78.1	82.6
GE 900	55.5	64.5	70.3	71.0	71.0	74.2	74.2	74.2	74.8	75.5	75.5	77.4	77.4	78.7	83.2
GE 800	56.1	65.2	71.0	72.3	72.3	76.8	78.1	78.1	78.7	79.4	79.4	81.3	81.3	82.6	87.1
GE 700	56.1	65.8	72.3	73.5	73.5	78.1	79.4	79.4	80.0	80.6	80.6	83.2	83.2	84.5	89.0
GE 600	56.1	65.8	72.3	73.5	73.5	78.1	79.4	79.4	80.6	81.3	81.3	83.9	83.9	85.2	89.7
GE 500	56.1	65.8	72.3	74.8	74.8	80.0	81.3	81.3	82.6	83.2	83.2	85.8	85.8	87.1	91.6
GE 400	57.4	67.1	74.2	76.8	76.8	81.9	83.2	83.2	84.5	85.2	85.2	88.4	88.4	89.7	94.2
GE 300	57.4	67.1	74.2	76.8	76.8	81.9	83.2	83.2	84.5	85.8	85.8	89.0	89.0	90.3	95.5
GE 200	57.4	67.1	74.2	76.8	76.8	81.9	83.2	83.2	84.5	85.8	85.8	89.7	89.7	91.0	96.1
GE 100	57.4	67.1	74.2	76.8	76.8	81.9	83.2	83.2	84.5	85.8	85.8	90.3	90.3	91.6	99.4
GE 0	57.4	67.1	74.2	76.8	76.8	81.9	83.2	83.2	84.5	85.8	85.8	90.3	90.3	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 155

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.0	34.8	40.2	43.0	44.4	44.6	46.2	47.2	47.5	48.7	49.3	49.3	51.0	51.0	51.8	54.9
GE 20000	1.0	37.6	43.6	46.4	47.9	48.0	49.7	50.7	51.0	52.3	53.1	53.1	54.7	54.7	55.6	58.8
GE 18000	1.0	37.9	44.0	46.7	48.2	48.4	50.0	51.0	51.3	52.6	53.4	53.4	55.1	55.1	55.9	59.2
GE 16000	1.0	37.9	44.0	46.7	48.2	48.4	50.0	51.0	51.3	52.6	53.4	53.4	55.1	55.1	55.9	59.2
GE 14000	1.0	38.1	44.1	46.9	48.4	48.5	50.2	51.1	51.5	52.8	53.6	53.6	55.2	55.2	56.0	59.3
GE 12000	1.0	39.4	45.6	48.7	50.2	50.5	52.1	53.1	53.4	54.7	55.6	55.6	57.2	57.2	58.0	61.3
GE 10000	1.0	41.0	47.2	50.3	52.1	52.5	54.1	55.1	55.4	56.7	57.5	57.5	59.2	59.2	60.0	63.2
GE 9000	1.0	41.3	47.5	50.7	52.5	52.8	54.4	55.4	55.7	57.0	57.8	57.8	59.5	59.5	60.3	63.6
GE 8000	1.0	42.5	48.7	51.8	53.8	54.1	55.7	56.7	57.0	58.3	59.2	59.2	60.8	60.8	61.6	65.0
GE 7000	1.0	43.0	49.2	52.3	54.2	54.6	56.5	57.5	57.8	59.2	60.0	60.0	61.6	61.6	62.4	65.8
GE 6000	1.0	43.6	49.8	52.9	54.9	55.2	57.4	58.3	58.7	60.0	60.8	60.8	62.4	62.4	63.2	66.7
GE 5000	1.0	45.9	52.3	55.6	57.5	57.8	60.0	60.9	61.3	62.6	63.4	63.4	65.0	65.0	65.8	69.3
GE 4500	1.0	46.7	53.4	56.7	58.7	59.0	61.1	62.1	62.4	63.7	64.5	64.5	66.2	66.2	67.0	70.4
GE 4000	1.0	48.5	55.4	59.0	61.1	61.4	63.6	64.5	64.9	66.2	67.0	67.0	68.6	68.6	69.4	72.9
GE 3500	1.0	50.2	57.0	60.8	62.9	63.2	65.5	66.5	66.8	68.1	69.0	69.0	70.6	70.6	71.4	74.8
GE 3000	1.0	50.8	57.8	61.8	63.9	64.2	66.7	67.6	68.0	69.3	70.1	70.1	71.7	71.7	72.5	76.0
GE 2500	1.0	52.3	60.0	63.9	66.3	66.7	69.1	70.1	70.4	71.7	72.5	72.5	74.2	74.2	75.0	78.4
GE 2000	1.0	53.6	62.1	66.0	68.6	69.0	71.6	72.5	72.9	74.2	75.0	75.0	76.6	76.6	77.5	80.9
GE 1800	1.0	53.6	62.1	66.0	68.6	69.0	71.6	72.5	72.9	74.2	75.0	75.0	76.6	76.6	77.5	80.9
GE 1500	1.0	54.7	63.6	67.5	70.3	70.6	73.2	74.3	74.7	76.0	76.8	76.8	78.8	78.8	79.6	83.2
GE 1200	1.0	54.9	63.9	68.0	70.8	71.1	73.7	74.8	75.2	76.5	77.3	77.3	79.2	79.2	80.1	83.7
GE 1000	1.0	55.6	64.7	69.0	72.1	72.4	75.2	76.3	76.6	77.9	78.8	78.8	80.9	80.9	81.7	85.3
GE 900	1.0	55.6	65.4	70.4	73.5	73.9	76.6	77.8	78.1	79.4	80.2	80.2	82.4	82.4	83.2	86.8
GE 800	1.0	56.0	66.3	71.4	74.8	75.2	77.9	79.2	79.6	80.9	81.7	81.7	83.8	83.8	84.6	88.2
GE 700	1.0	56.0	66.5	71.7	75.3	75.8	78.6	79.9	80.2	81.5	82.4	82.4	84.5	84.5	85.3	88.9
GE 600	1.0	56.2	66.7	71.9	75.8	76.3	79.4	80.7	81.0	82.5	83.3	83.3	85.5	85.5	86.4	90.0
GE 500	1.0	56.2	66.7	72.2	76.1	76.6	80.7	82.0	82.4	83.8	84.8	84.8	87.4	87.4	88.7	92.3
GE 400	1.0	56.7	67.2	72.9	77.1	77.6	81.9	83.5	83.8	85.3	86.8	86.8	89.9	89.9	91.2	94.9
GE 300	1.0	56.7	67.3	73.0	77.3	77.9	82.2	83.8	84.2	85.6	87.1	87.1	90.4	90.4	92.3	96.4
GE 200	1.0	56.7	67.3	73.0	77.3	77.9	82.4	84.0	84.3	85.8	87.3	87.3	90.5	90.5	92.6	97.9
GE 100	1.0	56.7	67.3	73.0	77.3	77.9	82.5	84.2	84.5	86.3	87.7	87.7	91.0	91.0	93.3	99.7
GE 0	1.0	56.7	67.3	73.0	77.3	77.9	82.5	84.2	84.5	86.3	87.7	87.7	91.0	91.0	93.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 612

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1.1	45.2	48.7	50.5	51.2	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.6	51.6	51.6	52.1
GE 20000	1.1	52.9	56.5	58.6	59.2	59.3	59.5	59.5	59.5	59.5	59.7	59.7	59.8	59.8	59.8	60.3
GE 18000	1.1	53.7	57.6	59.7	60.3	60.4	60.6	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	61.4
GE 16000	1.1	53.7	57.6	59.7	60.3	60.4	60.6	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	61.4
GE 14000	1.1	53.8	57.8	59.8	60.4	60.6	60.8	60.8	60.8	60.9	61.1	61.1	61.2	61.2	61.2	61.7
GE 12000	1.1	56.5	60.6	62.6	63.3	63.4	63.6	63.6	63.6	63.7	63.9	63.9	64.1	64.1	64.1	64.5
GE 10000	1.1	58.2	62.3	64.4	65.1	65.3	65.5	65.5	65.5	65.6	65.8	65.8	65.9	65.9	65.9	66.4
GE 9000	1.1	59.3	63.4	65.5	66.4	66.6	66.9	66.9	66.9	67.0	67.2	67.2	67.3	67.3	67.3	67.8
GE 8000	1.1	61.7	65.8	67.8	68.8	68.9	69.2	69.2	69.2	69.4	69.5	69.5	69.7	69.7	69.7	70.2
GE 7000	1.1	62.0	66.2	68.3	69.2	69.4	69.7	69.7	69.7	69.9	70.0	70.0	70.2	70.2	70.2	70.6
GE 6000	1.1	63.0	67.2	69.2	70.2	70.3	70.6	70.6	70.6	70.8	71.0	71.0	71.1	71.1	71.1	71.6
GE 5000	1.1	65.0	69.2	71.6	72.5	72.7	73.0	73.0	73.0	73.2	73.3	73.3	73.5	73.5	73.5	73.9
GE 4500	1.1	66.4	70.6	73.0	73.9	74.1	74.4	74.4	74.4	74.6	74.7	74.7	74.9	74.9	74.9	75.4
GE 4000	1.1	67.0	71.3	73.8	74.7	74.9	75.2	75.2	75.2	75.4	75.5	75.5	75.7	75.7	75.7	76.1
GE 3500	1.3	68.6	73.2	75.8	76.9	77.1	77.4	77.4	77.4	77.6	77.7	77.7	77.9	77.9	77.9	78.3
GE 3000	1.3	70.2	74.9	77.6	78.6	78.8	79.1	79.1	79.1	79.3	79.4	79.4	79.6	79.6	79.6	80.1
GE 2500	1.3	71.9	76.8	79.6	80.7	80.8	81.2	81.2	81.2	81.3	81.5	81.5	81.6	81.6	81.6	82.1
GE 2000	1.3	72.4	77.4	80.5	81.6	81.8	82.3	82.3	82.3	82.4	82.6	82.6	82.7	82.7	82.7	83.2
GE 1800	1.3	73.0	78.5	81.6	82.7	82.9	83.5	83.5	83.5	83.7	83.8	83.8	84.0	84.0	84.0	84.5
GE 1500	1.3	74.7	80.4	83.5	84.6	84.8	85.6	85.6	85.6	85.7	85.9	85.9	86.0	86.0	86.0	86.5
GE 1200	1.3	75.8	81.5	84.6	85.7	85.9	87.0	87.0	87.0	87.1	87.3	87.3	87.4	87.4	87.4	87.9
GE 1000	1.3	77.2	83.0	86.2	87.6	87.8	88.9	89.0	89.0	89.2	89.3	89.3	89.5	89.5	89.5	90.0
GE 900	1.3	77.7	83.5	86.8	88.2	88.4	89.5	89.6	89.6	89.8	90.0	90.0	90.1	90.1	90.1	90.6
GE 800	1.3	78.5	84.8	88.1	89.8	90.0	91.1	91.2	91.2	91.4	91.7	91.7	91.8	91.8	91.8	92.3
GE 700	1.3	78.6	85.1	88.5	90.3	90.4	91.5	91.7	91.7	91.8	92.2	92.2	92.3	92.3	92.3	92.8
GE 600	1.3	79.1	85.9	89.3	91.1	91.2	92.3	92.5	92.5	92.6	92.9	92.9	93.1	93.1	93.1	93.6
GE 500	1.3	79.9	86.8	91.1	93.1	93.4	94.7	95.0	95.0	95.1	95.4	95.4	95.6	95.6	95.6	96.1
GE 400	1.3	79.9	87.0	91.4	93.4	93.9	95.3	95.6	95.6	95.8	96.5	96.5	97.3	97.3	97.5	98.1
GE 300	1.3	79.9	87.1	91.5	93.6	94.2	95.6	95.9	95.9	96.1	97.0	97.0	97.8	97.8	98.1	98.9
GE 200	1.3	79.9	87.3	91.7	93.9	94.5	96.1	96.4	96.4	96.5	97.5	97.5	98.4	98.4	98.7	99.7
GE 100	1.3	79.9	87.3	91.7	93.9	94.5	96.1	96.4	96.4	96.5	97.5	97.5	98.4	98.4	98.7	100.0
GE 0	1.3	79.9	87.3	91.7	93.9	94.5	96.1	96.4	96.4	96.5	97.5	97.5	98.4	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.6	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	.6	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	.6	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	.6	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 12000	.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	.6	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.8	68.8	68.8	68.8	68.8
GE 9000	.6	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 8000	.6	72.2	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	72.7
GE 7000	.6	73.3	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	.6	75.1	75.4	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
GE 5000	.6	77.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	.6	77.7	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	.6	80.9	81.4	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	.6	81.6	82.0	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	.6	84.6	85.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2500	.6	85.8	86.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	.6	88.2	89.2	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	.6	88.5	89.8	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
GE 1500	.6	91.3	92.7	94.0	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	.6	91.6	93.0	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	.6	92.2	93.7	95.1	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	.6	92.7	94.2	95.6	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	.6	93.4	94.8	96.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	.6	93.9	95.3	97.2	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	.6	93.9	95.3	97.2	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	.6	94.7	96.3	98.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	.6	94.7	96.3	98.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.6	94.7	96.3	98.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.6	94.7	96.3	98.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.6	94.7	96.3	98.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.6	94.7	96.3	98.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.4	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	.4	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 16000	.4	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14000	.4	66.7	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
GE 12000	.4	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	.4	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	.4	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	.4	79.4	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
GE 7000	.4	80.3	80.8	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
GE 6000	.4	82.1	82.7	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	.4	84.5	85.1	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	.4	85.6	86.2	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	.4	87.7	88.2	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
GE 3500	.4	88.2	88.8	89.0	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	.4	90.2	90.8	91.2	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	.4	91.2	91.9	92.4	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	.4	92.8	93.7	94.3	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	.4	92.8	93.7	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	.4	93.6	94.6	95.8	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	.4	94.1	95.4	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	.4	94.8	96.1	97.1	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	.4	94.8	96.1	97.1	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	.4	94.8	96.3	97.4	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	.4	95.2	96.7	98.2	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	.4	95.2	96.7	98.2	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	.4	95.6	97.1	98.5	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	.4	95.6	97.1	98.5	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.4	95.6	97.1	98.5	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.4	95.6	97.1	98.5	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.4	95.6	97.1	98.5	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.4	95.6	97.1	98.5	99.3	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: 543

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	59.5	60.3	60.3	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
GE 20000	70.2	71.0	71.0	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
GE 18000	70.2	71.0	71.0	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
GE 16000	71.0	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 14000	72.2	73.0	73.0	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
GE 12000	75.4	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	78.2	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 9000	79.0	79.8	79.8	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
GE 8000	79.8	81.0	81.0	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
GE 7000	79.8	81.0	81.0	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
GE 6000	81.3	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	83.7	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	86.5	87.7	87.7	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
GE 4000	88.1	89.3	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
GE 3500	89.7	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	90.5	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	90.5	93.3	93.7	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
GE 2000	92.1	94.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	92.1	94.8	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	93.3	96.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	93.7	96.6	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	94.4	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	94.8	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	94.8	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	94.8	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	94.8	98.4	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
GE 500	94.8	98.4	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
GE 400	94.8	98.4	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
GE 300	94.8	98.4	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
GE 200	94.8	98.4	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
GE 100	94.8	98.4	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
GE 0	94.8	98.4	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

TOTAL NUMBER OF OBSERVATIONS: 252

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		66.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 20000		68.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000		68.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000		70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000		70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000		73.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 10000		75.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000		77.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000		81.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000		81.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000		81.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000		85.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500		86.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000		87.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500		89.2	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	95.9
GE 3000		90.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500		90.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000		90.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800		90.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		91.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.7	46.7	49.0	50.3	50.7	50.8	51.3	51.5	51.6	51.8	52.0	52.0	52.5	52.5	52.7	53.7
GE 20000	.7	54.9	57.5	58.8	59.3	59.3	59.8	60.0	60.1	60.4	60.6	60.6	61.1	61.1	61.4	62.4
GE 18000	.7	55.3	57.9	59.2	59.7	59.7	60.3	60.5	60.5	60.8	61.0	61.0	61.5	61.5	61.8	62.8
GE 16000	.7	55.4	58.0	59.3	59.8	59.9	60.4	60.6	60.7	60.9	61.2	61.2	61.7	61.7	61.9	62.9
GE 14000	.7	56.2	58.8	60.1	60.6	60.7	61.2	61.4	61.5	61.8	62.0	62.0	62.5	62.5	62.7	63.8
GE 12000	.7	58.6	61.3	62.6	63.1	63.2	63.7	63.9	64.0	64.3	64.6	64.6	65.0	65.0	65.3	66.3
GE 10000	.7	61.3	64.1	65.4	66.0	66.1	66.6	66.8	66.9	67.2	67.5	67.5	67.9	67.9	68.2	69.2
GE 9000	.7	62.3	65.0	66.4	67.0	67.1	67.7	67.9	67.9	68.3	68.5	68.5	69.0	69.0	69.2	70.3
GE 8000	.7	64.4	67.3	68.7	69.4	69.5	70.0	70.2	70.3	70.6	70.8	70.8	71.3	71.3	71.6	72.6
GE 7000	.7	65.0	68.0	69.4	70.1	70.2	70.8	71.0	71.1	71.4	71.7	71.7	72.1	72.1	72.4	73.5
GE 6000	.7	66.3	69.2	70.6	71.4	71.5	72.1	72.4	72.4	72.7	73.0	73.0	73.5	73.5	73.7	74.8
GE 5000	.7	68.4	71.4	73.0	73.8	73.9	74.5	74.7	74.8	75.1	75.4	75.4	75.8	75.8	76.1	77.1
GE 4500	.7	69.5	72.6	74.3	75.0	75.1	75.8	76.0	76.0	76.4	76.6	76.6	77.1	77.1	77.3	78.4
GE 4000	.7	71.4	74.6	76.4	77.2	77.3	78.0	78.2	78.2	78.6	78.8	78.8	79.3	79.3	79.5	80.6
GE 3500	.7	72.5	75.9	77.8	78.6	78.8	79.5	79.7	79.7	80.0	80.3	80.3	80.8	80.8	81.0	82.1
GE 3000	.7	74.2	77.8	79.7	80.6	80.8	81.5	81.7	81.8	82.1	82.3	82.3	82.8	82.8	83.0	84.1
GE 2500	.7	75.4	79.3	81.4	82.4	82.5	83.2	83.4	83.5	83.8	84.0	84.0	84.5	84.5	84.8	85.8
GE 2000	.7	76.8	81.0	83.2	84.2	84.4	85.2	85.4	85.5	85.8	86.0	86.0	86.5	86.5	86.8	87.8
GE 1800	.7	77.0	81.4	83.7	84.7	84.8	85.7	85.9	85.9	86.3	86.5	86.5	87.0	87.0	87.2	88.3
GE 1500	.7	78.5	83.1	85.4	86.5	86.6	87.6	87.8	87.9	88.2	88.5	88.5	89.0	89.0	89.2	90.3
GE 1200	.7	79.0	83.7	86.0	87.0	87.1	88.2	88.4	88.5	88.8	89.1	89.1	89.6	89.6	89.9	91.0
GE 1000	.7	79.9	84.6	87.1	88.4	88.5	89.7	89.9	90.0	90.3	90.6	90.6	91.2	91.2	91.4	92.5
GE 900	.7	80.1	85.0	87.7	89.0	89.1	90.3	90.6	90.6	91.0	91.2	91.2	91.8	91.8	92.0	93.1
GE 800	.7	80.6	85.7	88.5	90.1	90.3	91.5	91.9	91.9	92.3	92.6	92.6	93.1	93.1	93.4	94.5
GE 700	.7	80.8	86.0	89.0	90.7	90.9	92.1	92.5	92.6	92.9	93.2	93.2	93.8	93.8	94.0	95.1
GE 600	.7	80.9	86.2	89.2	91.0	91.2	92.5	92.9	92.9	93.3	93.6	93.6	94.2	94.2	94.5	95.6
GE 500	.7	81.3	86.7	90.0	91.9	92.1	93.7	94.1	94.1	94.6	94.9	94.9	95.6	95.6	95.9	97.0
GE 400	.7	81.5	86.9	90.3	92.2	92.6	94.1	94.7	94.7	95.1	95.7	95.7	96.7	96.7	97.0	98.2
GE 300	.7	81.5	87.0	90.3	92.3	92.7	94.3	94.8	94.9	95.3	95.9	95.9	96.9	96.9	97.4	98.8
GE 200	.7	81.5	87.0	90.4	92.4	92.7	94.4	94.9	95.0	95.4	96.0	96.0	97.1	97.1	97.7	99.4
GE 100	.7	81.5	87.0	90.4	92.4	92.7	94.5	95.0	95.0	95.5	96.1	96.1	97.2	97.2	97.9	99.9
GE 0	.7	81.5	87.0	90.4	92.4	92.7	94.5	95.0	95.0	95.5	96.1	96.1	97.2	97.2	97.9	100.0

TOTAL NUMBER OF OPSERVATIONS: 2931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.1	52.3	55.7	57.2	58.1	58.2	58.7	58.9	58.9	59.2	59.3	59.3	59.5	59.6	59.7	59.9
GE 20000	.1	64.2	67.9	69.6	70.6	70.7	71.2	71.4	71.4	71.7	71.9	71.9	72.1	72.1	72.3	72.5
GE 18000	.1	64.6	68.4	70.1	71.1	71.2	71.7	71.9	71.9	72.2	72.4	72.4	72.6	72.6	72.8	73.0
GE 16000	.1	64.9	68.8	70.3	71.3	71.5	71.9	72.1	72.2	72.5	72.7	72.7	72.9	72.9	73.1	73.3
GE 14000	.1	66.3	70.1	71.8	72.8	73.0	73.4	73.6	73.7	74.0	74.2	74.2	74.4	74.4	74.6	74.8
GE 12000	.1	68.4	72.3	74.0	75.0	75.2	75.7	75.9	75.9	76.2	76.4	76.4	76.6	76.6	76.8	77.0
GE 10000	.1	71.5	75.5	77.3	78.4	78.5	79.0	79.2	79.2	79.6	79.7	79.7	80.0	80.0	80.1	80.3
GE 9000	.1	72.6	76.6	78.4	79.5	79.6	80.1	80.3	80.3	80.7	80.8	80.9	81.1	81.1	81.3	81.5
GE 8000	.1	74.3	78.4	80.2	81.3	81.5	82.0	82.2	82.2	82.5	82.7	82.7	82.9	83.0	83.1	83.3
GE 7000	.1	75.1	79.2	81.1	82.2	82.4	82.9	83.1	83.1	83.4	83.6	83.6	83.9	83.9	84.0	84.3
GE 6000	.1	75.7	79.9	81.8	82.9	83.0	83.5	83.7	83.8	84.1	84.3	84.3	84.5	84.5	84.7	84.9
GE 5000	.1	77.0	81.2	83.2	84.3	84.5	85.0	85.2	85.2	85.5	85.7	85.7	85.9	86.0	86.1	86.3
GE 4500	.1	77.6	81.8	83.8	84.9	85.1	85.6	85.8	85.8	86.2	86.3	86.4	86.6	86.6	86.8	87.0
GE 4000	.1	79.0	83.4	85.4	86.6	86.7	87.2	87.5	87.5	87.8	88.0	88.0	88.2	88.2	88.4	88.6
GE 3500	.1	80.6	84.5	86.5	87.7	87.9	88.4	88.6	88.6	89.0	89.1	89.1	89.4	89.4	89.6	89.8
GE 3000	.1	82.6	86.7	88.8	90.0	90.2	90.7	91.0	91.0	91.4	91.5	91.5	91.8	91.8	92.0	92.2
GE 2500	.1	83.4	88.2	90.5	91.7	91.9	92.5	92.7	92.7	93.1	93.3	93.3	93.5	93.6	93.8	94.0
GE 2000	.1	84.3	89.3	91.6	93.0	93.2	93.8	94.0	94.1	94.5	94.6	94.6	94.9	94.9	95.1	95.3
GE 1800	.1	84.4	89.4	91.7	93.1	93.3	93.9	94.2	94.2	94.6	94.8	94.8	95.0	95.0	95.2	95.4
GE 1500	.1	85.3	90.2	92.6	94.0	94.2	94.8	95.1	95.2	95.6	95.7	95.7	96.0	96.0	96.2	96.4
GE 1200	.1	85.3	90.5	92.9	94.3	94.5	95.2	95.5	95.5	95.9	96.1	96.1	96.3	96.4	96.6	96.8
GE 1000	.1	85.7	91.0	93.4	94.9	95.2	95.9	96.2	96.2	96.6	96.8	96.8	97.1	97.1	97.3	97.5
GE 900	.1	85.8	91.1	93.6	95.1	95.3	96.0	96.3	96.4	96.8	97.0	97.0	97.3	97.3	97.5	97.7
GE 800	.1	85.9	91.3	93.8	95.4	95.6	96.4	96.7	96.7	97.2	97.4	97.4	97.7	97.7	97.9	98.1
GE 700	.1	86.0	91.4	94.0	95.6	95.8	96.6	96.9	97.0	97.4	97.6	97.6	97.9	97.9	98.1	98.4
GE 600	.1	86.1	91.5	94.1	95.7	96.0	96.8	97.1	97.2	97.6	97.8	97.8	98.2	98.2	98.4	98.6
GE 500	.1	86.1	91.6	94.3	96.0	96.2	97.1	97.5	97.5	98.0	98.2	98.2	98.6	98.6	98.8	99.1
GE 400	.1	86.2	91.6	94.4	96.1	96.3	97.2	97.6	97.7	98.2	98.5	98.5	98.8	98.8	99.1	99.4
GE 300	.1	86.2	91.7	94.4	96.1	96.4	97.3	97.7	97.7	98.2	98.5	98.5	99.0	99.0	99.3	99.6
GE 200	.1	86.2	91.7	94.4	96.1	96.4	97.3	97.7	97.7	98.3	98.6	98.6	99.0	99.1	99.4	99.8
GE 100	.1	86.2	91.7	94.4	96.1	96.4	97.3	97.7	97.7	98.3	98.6	98.6	99.0	99.1	99.4	100.0
GE 0	.1	86.2	91.7	94.4	96.1	96.4	97.3	97.7	97.7	98.3	98.6	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 39497

SKY COVER USE WITH CAUTION
SEE FIRST PAGE

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

EIGHTS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and 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

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	100.0											.0	1
03-05	38.8			20.8						15.3	25.1	4.5	183
06-08	22.8			32.3						20.9	24.3	5.3	650
09-11	14.5			36.2						24.2	25.1	5.6	685
12-14	6.5			35.8						31.5	24.3	6.3	674
15-17	6.3			37.9						36.6	19.3	6.4	607
18-20	14.0			41.5						28.7	15.9	5.4	258
21-23	35.2			27.3						15.9	21.6	4.4	88
TOTALS	30.3			28.9						21.6	19.5	4.8	3146

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	43.1			36.9						16.9	3.1	2.9	65
03-05	34.9			24.1						13.8	27.2	4.7	195
06-08	21.7			29.2						23.6	25.5	5.5	607
09-11	13.1			30.1						31.2	25.6	6.3	648
12-14	7.7			37.3						34.4	20.6	6.3	622
15-17	4.7			40.6						35.3	19.2	6.3	573
18-20	15.2			45.1						29.9	9.8	5.0	328
21-23	42.7			35.4						12.4	9.6	3.1	178
TOTALS	22.9			34.9						24.7	17.6	5.0	3216

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	44.4			11.1						16.7	27.8	4.6	18
03-05	36.5			28.9						19.9	14.7	4.1	211
06-08	16.0			36.1						26.2	21.7	5.6	673
09-11	13.1			35.2						34.3	17.4	5.9	724
12-14	7.6			41.4						39.5	11.5	5.9	698
15-17	6.7			47.1						32.0	14.2	5.7	646
18-20	13.7			50.1						24.9	11.2	4.9	365
21-23	41.7			37.5						11.8	9.0	3.1	144
TOTALS	22.5			35.9						25.7	15.9	5.3	3479

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	63.2			26.3						10.5		1.7	38
03-05	46.6			24.1						15.1	14.2	3.5	232
06-08	21.5			44.3						21.5	13.0	4.6	632
09-11	15.0			49.0						25.5	10.5	4.8	667
12-14	9.8			49.2						29.3	11.7	5.3	656
15-17	8.3			48.0						31.2	12.5	5.5	606
18-20	18.8			51.5						21.5	8.2	4.3	330
21-23	52.0			35.4						10.2	2.4	2.2	127
TOTALS	29.4			40.9						20.6	9.1	4.0	3288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	38.9			50.0						5.6	5.6	2.6	18
03-05	37.0			33.5						19.0	10.5	3.8	400
06-08	15.7			41.3						29.0	14.0	5.2	649
09-11	6.9			47.8						33.9	11.3	5.6	663
12-14	1.4			52.3						36.2	10.1	5.8	644
15-17	1.4			47.4						39.8	11.4	6.1	561
18-20	8.9			35.8						39.5	15.8	6.2	349
21-23	19.4			31.7						32.4	16.5	5.5	139
TOTALS	16.2			42.5						29.4	11.9	5.1	3423

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	37.5			31.3						18.8	12.5	3.9	32
03-05	28.7			46.9						17.5	6.9	3.7	422
06-08	11.2			51.2						28.4	9.2	5.0	672
09-11	4.9			50.1						38.5	6.5	5.6	678
12-14	.3			42.7						47.6	9.4	6.5	662
15-17				35.6						47.6	16.8	7.3	565
18-20	.9			30.6						47.6	20.9	7.3	340
21-23	11.7			33.8						35.1	19.5	6.1	154
TOTALS	11.9			40.3						35.1	12.7	5.6	3525

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796D STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	18.8			43.8						18.8	18.8	4.9	16
03-05	32.5			50.7						13.3	3.4	3.1	406
06-08	3.7			61.6						27.6	7.0	5.0	667
09-11	1.2			50.4						41.6	6.9	5.9	671
12-14				35.4						53.5	11.0	7.0	652
15-17				23.4						56.3	20.3	7.8	552
18-20	.5			22.4						52.4	24.7	7.9	389
21-23	3.1			40.4						38.5	18.0	6.5	161
TOTALS	7.5			41.0						37.6	13.8	6.0	3514

STATION NUMBER: 74796D STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	4.3			52.2						21.7	21.7	5.7	23
03-05	31.1			49.3						12.6	7.0	3.3	454
06-08	2.3			62.3						29.4	6.0	5.1	695
09-11	.6			52.5						41.0	5.9	5.9	697
12-14				40.4						49.4	10.2	6.7	676
15-17				23.2						60.2	16.6	7.8	573
18-20	1.1			19.7						53.7	25.6	8.0	356
21-23	5.7			45.2						28.0	21.0	6.0	157
TOTALS	5.6			43.1						37.0	14.3	6.1	3631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	37.5			43.8						6.3	12.5	3.1	16
03-05	32.3			42.6						16.1	8.8	3.6	353
06-08	2.7			57.3						31.0	9.0	5.4	588
09-11	.7			46.4						43.0	9.9	6.3	593
12-14				36.0						49.1	12.9	6.9	574
15-17				28.8						50.8	20.4	7.5	451
18-20	2.0			28.3						43.8	25.9	7.4	251
21-23	13.9			41.6						20.8	23.8	5.5	101
TOTALS	11.1			40.9						32.6	15.4	5.7	2927

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	64.7			23.5						5.9	5.9	1.8	17
03-05	37.4			40.1						15.4	7.2	3.3	377
06-08	9.3			51.1						29.7	9.9	5.2	646
09-11	4.8			52.6						36.8	5.7	5.5	665
12-14	1.1			44.8						45.1	9.1	6.3	659
15-17	2.4			49.5						37.4	10.7	5.9	580
18-20	18.6			44.5						22.9	14.0	4.8	328
21-23	46.5			31.4						8.1	14.0	3.1	86
TOTALS	23.1			42.2						25.2	9.6	4.5	3358

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	50.0			16.7						33.3		3.5	6
03-05	34.3			30.9						14.9	20.0	4.3	175
06-08	12.9			40.5						25.6	21.0	5.6	575
09-11	11.3			40.5						30.6	17.6	5.7	618
12-14	5.7			39.9						39.2	15.1	6.2	609
15-17	4.5			39.4						37.1	19.0	6.4	536
18-20	17.1			47.5						19.1	16.3	4.8	257
21-23	40.5			41.7						9.5	8.3	2.9	84
TOTALS	22.0			37.1						26.2	14.7	4.9	2860

STATION NUMBER: 747960 STATION NAME: AVON PARK (RNG) FL PERIOD OF RECORD: 76-85
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	50.0			40.0						10.0		2.1	10
03-05	33.3			18.8						18.1	29.9	5.2	144
06-08	15.0			32.6						24.6	27.7	6.0	585
09-11	9.7			35.4						30.4	24.5	6.3	632
12-14	6.7			35.9						36.2	21.2	6.5	613
15-17	4.5			38.3						37.2	20.1	6.5	538
18-20	16.3			36.5						25.4	21.8	5.6	252
21-23	32.4			32.4						14.9	20.3	4.3	74
TOTALS	21.0			33.7						24.6	20.7	5.3	2848

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74796J STATION NAME: AVON PARK (RNG) FL

PERIOD OF RECORD: 76-86
MONTH: ALL

	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	30.0			28.9						21.6	19.5	4.8	3146
FEB		22.9			34.9						24.7	17.6	5.0	3216
MAR		22.5			35.9						25.7	15.9	5.0	3479
APR		29.4			40.9						20.6	9.1	4.0	3288
MAY		16.2			42.5						29.4	11.9	5.1	3423
JUN		11.9			40.3						35.1	12.7	5.6	3525
JUL		7.5			41.0						37.8	13.8	6.0	3514
AUG		5.6			43.1						37.0	14.3	6.1	3631
SEP		11.1			40.9						32.6	15.4	5.7	2927
OCT		23.1			42.2						25.2	9.6	4.5	3358
NOV		22.0			37.1						26.2	14.7	4.9	2860
DEC		21.0			33.7						24.6	20.7	5.3	2848
	TOTALS	18.6			38.5						28.4	14.6	5.2	39215

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

USE WITH CAUTION
SEE FIRST PAGE

PART 4

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

1. Cumulative percentage frequency of occurrence--Derived from available hourly 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 HIGH temperatures (for available observations)
   b. Daily LOW temperatures (for available observations)
   c. Daily mean temperatures (high + low temperatures divided by two)

NOT AVAILABLE

4

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

This summary has been temporarily discontinued for the LISOCS pending the advent of RUSSWO-2 in mid 1986.

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747960 AVON PARK (RNG) FL 76-86

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	57.0	53.5	59.4	65.9	67.3	73.0	74.4	74.6	74.2	69.7	61.7	53.2	64.7
	S. D.		9.123	11.163	3.639	3.563	2.265	1.408	1.830	1.759	2.358	4.967	9.659	10.323
	TOTAL OBS	1	65	18	38	19	32	16	23	16	16	6	10	260
03-05	MEAN	49.3	53.3	58.0	61.4	66.1	71.9	73.4	74.1	72.7	67.3	61.4	56.9	66.4
	S. D.	10.476	9.613	7.811	6.135	4.392	2.412	1.979	1.868	2.288	5.048	7.354	9.531	9.296
	TOTAL OBS	187	200	216	235	416	425	404	449	354	387	183	154	3610
06-08	MEAN	49.3	53.6	59.1	64.2	70.4	76.1	77.2	76.7	74.7	68.7	61.5	56.3	65.7
	S. D.	10.726	9.415	8.224	6.433	5.419	4.092	3.824	3.478	3.367	5.581	8.015	9.928	11.674
	TOTAL OBS	669	626	696	647	673	679	665	689	594	654	590	612	7794
09-11	MEAN	58.1	62.8	69.6	75.8	81.5	85.7	86.8	85.8	83.7	78.6	71.1	64.6	75.3
	S. D.	10.021	8.989	7.673	5.264	4.593	3.567	3.076	3.217	3.458	5.044	7.419	9.527	11.551
	TOTAL OBS	687	651	726	666	666	681	670	690	593	665	618	637	7950
12-14	MEAN	66.4	69.8	75.8	81.0	86.1	89.2	89.5	88.6	87.0	82.9	76.6	71.4	80.3
	S. D.	9.097	8.852	7.559	5.350	5.374	4.847	4.522	4.686	4.353	4.476	6.552	6.568	10.140
	TOTAL OBS	674	622	698	656	641	661	645	670	573	659	611	618	7728
15-17	MEAN	66.8	70.2	76.3	81.0	85.4	86.8	86.3	86.1	84.8	81.6	75.4	71.3	79.1
	S. D.	8.594	8.553	7.182	5.737	6.112	6.538	6.512	5.745	5.401	4.614	6.082	8.063	9.578
	TOTAL OBS	678	573	646	606	556	561	548	560	447	580	537	543	6765
18-20	MEAN	58.1	63.3	69.5	73.6	77.7	80.1	80.3	79.3	79.0	73.8	68.2	64.0	72.8
	S. D.	9.414	8.695	7.866	6.010	5.527	5.417	5.032	4.157	4.053	5.039	6.272	8.408	9.558
	TOTAL OBS	262	327	364	330	347	337	381	347	251	328	257	252	3783
21-23	MEAN	56.2	57.5	63.8	65.5	71.9	75.9	76.9	76.1	75.5	70.5	64.1	60.6	68.4
	S. D.	8.958	8.616	8.268	5.080	4.293	2.841	2.873	2.286	2.521	4.256	6.808	8.087	9.381
	TOTAL OBS	87	178	144	127	138	154	159	152	100	86	84	74	1483
ALL HOURS	MEAN	59.1	62.7	69.0	73.8	78.1	82.0	82.6	82.0	80.6	76.0	70.0	65.0	73.7
	S. D.	11.944	11.169	10.388	9.256	9.015	7.643	7.148	6.732	6.609	7.794	9.213	10.872	11.999
	TOTAL OBS	3175	3242	3508	3305	3456	3530	3488	3580	2928	3375	2886	2900	39373

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747960 — STATION
AVON PARK (RNG) FL — STATION NAME
76-86 — YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	56.0	52.2	57.4	64.9	65.4	70.6	72.3	73.4	73.2	67.7	60.7	52.1	63.2
	S.D.		9.057	12.103	3.525	3.533	1.777	1.493	1.616	1.797	3.143	4.967	10.450	10.411
	TOTAL OBS	1	63	18	31	19	32	16	23	16	12	6	10	247
03-05	MEAN	48.4	52.7	56.3	59.4	64.6	70.6	72.1	73.1	71.9	66.3	60.2	55.8	65.2
	S.D.	10.725	9.858	8.148	6.624	4.569	2.501	1.971	1.644	2.292	5.304	7.848	9.851	9.393
	TOTAL OBS	183	191	200	223	414	425	402	446	354	386	183	154	3561
06-08	MEAN	48.1	52.3	56.8	61.1	67.4	73.3	74.3	74.6	73.1	67.1	60.2	55.0	63.8
	S.D.	11.026	9.780	8.464	6.646	4.753	3.036	2.704	2.366	2.728	5.714	8.494	10.375	11.356
	TOTAL OBS	653	608	640	617	670	679	662	684	594	651	590	609	7657
09-11	MEAN	54.3	58.2	62.8	66.7	71.9	77.4	78.8	78.6	77.3	72.2	66.0	60.4	68.8
	S.D.	10.306	8.923	7.564	5.330	3.833	2.226	2.406	1.804	2.479	5.127	7.622	9.580	10.369
	TOTAL OBS	665	631	671	636	662	681	667	685	590	662	618	634	7802
12-14	MEAN	58.7	61.2	65.1	68.0	72.8	78.0	79.1	79.0	77.6	73.3	68.1	63.9	70.4
	S.D.	9.085	8.192	6.846	5.122	3.990	2.396	2.726	2.325	2.518	4.468	6.829	8.446	9.035
	TOTAL OBS	654	604	649	629	636	660	645	667	571	657	607	615	7594
15-17	MEAN	58.5	60.8	65.0	67.5	72.0	76.8	77.6	77.9	76.7	72.5	67.4	63.7	69.5
	S.D.	8.635	7.950	6.338	5.156	4.038	2.633	3.089	2.537	2.502	4.384	6.480	8.207	8.667
	TOTAL OBS	595	554	595	581	550	561	548	556	443	579	533	540	6635
18-20	MEAN	53.5	57.4	61.8	63.6	69.4	74.4	75.5	75.5	74.9	69.1	64.5	60.7	67.1
	S.D.	9.461	8.433	7.443	5.665	4.131	2.360	2.949	2.396	2.243	5.043	6.581	8.525	9.220
	TOTAL OBS	258	321	343	315	344	336	381	341	250	324	255	249	3717
21-23	MEAN	54.1	54.7	59.4	59.6	67.2	72.8	74.1	74.1	73.7	67.9	62.1	59.0	65.4
	S.D.	9.255	8.316	8.556	6.328	4.101	1.844	2.453	1.979	1.971	4.678	6.805	8.053	9.545
	TOTAL OBS	86	174	138	121	136	154	159	151	100	83	84	73	1459
ALL HOURS	MEAN	54.3	57.4	61.8	64.9	69.8	75.3	76.4	76.6	75.4	70.4	64.9	60.3	67.6
	S.D.	10.699	9.440	8.219	6.517	5.084	3.590	3.630	3.126	3.278	5.698	7.984	9.809	10.136
	TOTAL OBS	3095	3146	3254	3153	3431	3528	3480	3553	2918	3354	2876	2884	38672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747960 AVON PARK (RNG) FL 76-85

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	55.0	50.6	55.3	63.9	64.4	69.5	71.5	73.0	72.6	66.7	59.7	50.9	62.0
	S. D.		9.858	13.940	3.807	3.862	2.079	1.789	1.809	2.049	3.692	4.967	11.976	11.141
	TOTAL OBS	1	63	18	31	19	32	16	23	16	12	6	10	247
03-05	MEAN	47.1	51.6	55.0	58.0	63.8	70.1	71.6	72.8	71.7	65.7	59.4	54.9	64.6
	S. D.	11.710	10.753	8.884	7.591	4.904	2.779	2.136	1.730	2.380	5.658	8.568	10.492	9.950
	TOTAL OBS	183	191	200	223	414	425	402	446	354	386	183	154	3561
06-08	MEAN	46.7	51.1	55.1	58.9	65.8	72.2	73.2	73.7	72.6	66.3	59.2	53.9	62.6
	S. D.	12.192	10.665	9.464	7.869	5.065	3.083	2.645	2.164	2.641	6.117	9.335	11.343	11.930
	TOTAL OBS	653	608	640	617	670	679	662	684	594	651	590	609	7657
09-11	MEAN	50.3	54.5	58.1	61.0	67.1	74.0	75.7	75.9	74.7	69.1	62.9	57.4	65.2
	S. D.	12.384	10.770	9.885	7.722	5.419	2.980	2.958	2.098	2.945	6.336	9.219	11.214	11.575
	TOTAL OBS	665	631	671	636	662	681	667	685	590	662	618	634	7802
12-14	MEAN	52.6	54.6	57.9	60.0	66.0	73.6	75.1	75.4	73.8	68.6	63.1	58.8	65.0
	S. D.	11.978	10.953	9.669	7.990	6.196	3.215	3.308	2.625	3.087	5.903	8.885	10.634	11.099
	TOTAL OBS	654	604	649	629	636	660	645	667	571	657	607	615	7594
15-17	MEAN	52.0	53.4	57.4	59.0	65.0	72.6	74.2	74.8	73.3	68.0	62.5	58.4	64.0
	S. D.	11.485	11.108	9.515	8.343	6.293	3.273	3.265	2.606	3.071	5.961	8.767	10.631	11.139
	TOTAL OBS	595	554	595	581	550	561	548	556	443	579	533	540	6635
18-20	MEAN	49.4	52.4	56.4	56.8	64.9	71.9	73.5	73.9	73.3	66.6	62.2	58.4	63.7
	S. D.	11.291	10.678	9.875	8.274	5.686	2.916	2.903	2.336	2.369	5.940	7.625	9.528	10.977
	TOTAL OBS	253	321	343	315	344	336	381	341	250	324	255	249	3717
21-23	MEAN	51.9	52.1	56.2	55.0	64.7	71.4	72.8	73.1	72.9	66.7	61.0	57.7	63.4
	S. D.	10.680	9.311	10.121	9.082	5.046	2.250	2.766	2.120	2.042	5.298	7.146	8.546	10.725
	TOTAL OBS	86	174	138	121	136	154	159	151	100	83	84	73	1459
ALL HOURS	MEAN	50.2	53.1	56.9	59.2	65.6	72.5	74.0	74.5	73.3	67.6	61.8	57.1	64.1
	S. D.	12.099	10.823	9.732	8.137	5.685	3.278	3.207	2.527	2.945	6.118	8.985	10.934	11.288
	TOTAL OBS	3095	3146	3254	3153	3431	3528	3480	3553	2918	3354	2876	2884	38672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

RELATIVE HUMIDITY

747960 AVON PARK (RNG) FL 77-86 JAN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.0	1
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	96.7	90.7	63.4	91.3	183
	06-08	100.0	100.0	100.0	100.0	99.2	98.3	96.0	88.4	64.6	90.6	653
	09-11	100.0	100.0	100.0	98.8	95.6	86.0	70.1	47.7	20.9	77.8	665
	12-14	100.0	100.0	98.5	93.1	77.7	54.4	28.7	14.1	4.6	62.7	654
	15-17	100.0	100.0	98.5	88.9	74.6	49.6	23.4	12.1	3.2	60.8	595
	18-20	100.0	100.0	99.6	99.2	93.8	82.6	62.4	34.5	5.8	73.8	258
	21-23	100.0	100.0	100.0	100.0	100.0	95.3	89.5	75.6	27.9	85.0	86
TOTALS		100.0	100.0	99.6	97.5	92.6	83.1	70.9	57.9	36.3	79.4	3095

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 STATION | AVON PARK (RNG) FL STATION NAME | 77-86 PERIOD | FEB MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	100.0	95.2	84.1	46.0	88.2	63
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	96.9	92.7	73.3	92.2	191
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	95.6	88.0	65.6	90.9	608
	09-11	100.0	100.0	99.8	97.5	94.6	84.3	63.5	40.1	13.8	75.2	631
	12-14	100.0	99.8	97.0	88.7	72.2	47.4	22.0	9.9	4.3	59.9	604
	15-17	100.0	99.8	94.4	83.6	62.5	37.5	20.9	11.0	3.8	57.0	554
	18-20	100.0	100.0	98.1	94.4	88.5	71.0	48.9	24.3	2.2	68.6	321
	21-23	100.0	100.0	100.0	100.0	98.9	97.7	86.8	56.9	14.9	81.3	174
TOTALS		100.0	100.0	98.7	95.5	89.6	79.5	66.2	50.9	28.0	76.7	3146

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 AVON PARK (RNG) FL 77-86 MAR

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	83.3	66.7	55.6	86.4	18
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	95.0	86.0	60.5	90.4	200
	06-08	100.0	100.0	100.0	99.8	98.8	96.6	91.7	78.1	48.9	87.7	640
	09-11	100.0	99.9	98.2	95.8	88.4	69.7	46.5	24.1	6.0	68.3	671
	12-14	100.0	99.1	95.7	86.4	60.9	30.2	13.7	6.6	3.2	55.6	649
	15-17	100.0	99.0	93.4	84.0	52.4	27.6	14.5	7.9	3.0	53.9	595
	18-20	100.0	99.4	98.5	94.2	81.6	61.8	35.6	16.6	6.7	65.1	343
	21-23	100.0	100.0	100.0	99.3	97.1	88.4	71.0	47.1	15.2	77.2	138
TOTALS		100.0	99.7	98.2	94.9	84.9	71.7	56.4	41.6	24.9	73.1	3254

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 AVON PARK (RNG) FL 77-86 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	67.7	91.8	31
	03-05	100.0	100.0	100.0	100.0	99.6	98.2	93.3	86.5	56.1	89.3	223
	06-08	100.0	100.0	100.0	99.4	98.4	95.3	86.1	66.6	29.7	83.5	617
	09-11	100.0	100.0	98.4	94.8	78.3	51.6	25.3	7.2	1.1	61.1	636
	12-14	100.0	99.7	95.7	76.8	46.1	18.4	5.7	2.2	1.0	50.0	629
	15-17	100.0	98.6	93.3	68.3	38.9	18.4	9.0	3.8	1.4	48.8	581
	18-20	100.0	99.7	98.1	87.6	65.7	40.3	18.1	6.0	1.0	57.1	315
	21-23	100.0	100.0	100.0	96.7	88.4	71.9	51.2	30.6	5.0	70.1	121
TOTALS		100.0	99.8	98.2	90.5	76.9	61.8	48.6	37.5	20.4	69.0	3153

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 — STATION
AVON PARK (RNG) FL — STATION NAME
77-86 — PERIOD
MAY — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.7	47.4	90.3	19
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	97.3	59.7	92.3	414
	06-08	100.0	100.0	100.0	100.0	100.0	98.5	91.5	73.9	31.9	85.7	670
	09-11	100.0	100.0	99.8	97.7	83.8	52.3	25.1	10.9	1.8	62.7	662
	12-14	100.0	100.0	98.7	79.7	47.6	23.7	11.6	5.7	2.4	52.7	636
	15-17	100.0	100.0	98.2	76.2	45.1	25.3	13.6	8.4	3.6	52.7	550
	18-20	100.0	100.0	100.0	96.8	85.5	58.7	36.3	21.2	7.8	66.5	344
	21-23	100.0	100.0	100.0	100.0	99.3	93.4	80.1	48.5	17.6	78.8	136
TOTALS		100.0	100.0	99.6	93.8	82.7	69.0	57.2	45.1	21.5	72.7	3431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 AVON PARK (RNG) FL 77-86 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.6	34.4	88.7	32
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	65.4	93.8	425
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	96.9	80.0	35.1	87.7	679
	09-11	100.0	100.0	100.0	100.0	97.1	81.6	35.7	10.4	1.8	68.4	681
	12-14	100.0	100.0	100.0	98.0	82.6	45.2	15.2	7.0	3.0	60.8	660
	15-17	100.0	100.0	99.8	96.3	81.3	53.1	29.6	19.1	7.7	64.5	561
	18-20	100.0	100.0	100.0	98.8	96.7	86.9	65.5	43.2	18.8	77.2	336
	21-23	100.0	100.0	100.0	100.0	100.0	98.1	94.8	75.3	28.6	86.1	154
TOTALS		100.0	100.0	100.0	99.1	94.7	83.0	67.2	53.1	24.4	78.4	3528

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 — STATION
AVON PARK (RNG) FL — STATION NAME
77-86 — PERIOD
JUL — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	25.0	90.4	16
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	66.9	93.7	402
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.6	82.2	31.4	87.5	662
	09-11	100.0	100.0	100.0	100.0	99.4	91.6	41.2	6.6	.6	69.7	667
	12-14	100.0	100.0	100.0	99.8	93.0	54.9	17.7	7.3	2.5	63.1	645
	15-17	100.0	100.0	100.0	100.0	88.9	64.2	40.1	22.1	10.2	68.6	548
	18-20	100.0	100.0	100.0	100.0	99.7	95.5	78.5	52.8	15.7	80.4	381
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	83.0	29.6	87.3	159
TOTALS		100.0	100.0	100.0	100.0	97.6	88.2	71.7	56.8	22.7	80.1	3480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 AVON PARK (RNG) FL 77-86 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	65.2	94.6	23
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	84.1	95.3	446
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.0	91.1	47.5	90.5	684
	09-11	100.0	100.0	100.0	100.0	100.0	96.2	54.7	13.7	1.3	72.5	685
	12-14	100.0	100.0	100.0	100.0	96.9	62.8	22.8	12.0	3.7	65.6	667
	15-17	100.0	100.0	100.0	100.0	95.1	73.6	41.7	21.6	9.0	70.0	556
	18-20	100.0	100.0	100.0	100.0	100.0	99.1	90.3	63.3	20.5	83.6	341
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.4	40.4	90.2	151
TOTALS		100.0	100.0	100.0	100.0	99.0	91.5	76.1	61.8	34.0	82.8	3553

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

747960 AVON PARK (RNG) FL 76-85 SEP

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	95.1	16
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.1	96.4	354
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.7	96.8	62.3	92.9	594
	09-11	100.0	100.0	100.0	100.0	100.0	97.8	63.6	21.4	3.6	74.5	590
	12-14	100.0	100.0	100.0	100.0	96.1	70.2	21.7	8.4	4.0	65.5	571
	15-17	100.0	100.0	100.0	100.0	94.8	72.7	39.1	21.2	12.2	69.7	443
	18-20	100.0	100.0	100.0	100.0	100.0	98.4	85.2	58.4	25.6	83.0	250
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	44.0	91.3	100
TOTALS		100.0	100.0	100.0	100.0	98.9	92.4	76.2	62.8	39.9	83.6	2918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 STATION | AVON PARK (RNG) FL STATION NAME | 76-85 PERIOD | OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.7	50.0	91.3	12
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.4	78.8	94.4	386
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.5	94.0	59.9	92.0	651
	09-11	100.0	100.0	100.0	100.0	98.5	86.3	59.4	25.7	3.3	73.0	662
	12-14	100.0	100.0	100.0	99.5	91.0	57.2	19.0	6.1	.9	62.7	657
	15-17	100.0	100.0	100.0	99.1	90.2	59.6	25.6	9.8	3.1	64.2	579
	18-20	100.0	100.0	100.0	100.0	99.4	96.9	81.2	42.3	8.0	78.3	324
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.6	90.4	26.5	88.0	83
TOTALS		100.0	100.0	100.0	99.8	97.4	87.5	72.6	57.3	28.8	80.5	3354

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 AVON PARK (RNG) FL 76-85 NOV

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.0	6
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	97.3	94.5	73.8	93.1	183
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	96.8	91.5	67.5	92.0	590
	09-11	100.0	100.0	100.0	99.8	96.6	86.9	67.2	39.8	8.4	75.9	618
	12-14	100.0	100.0	99.8	98.2	86.2	57.3	27.0	12.0	2.5	64.0	607
	15-17	100.0	100.0	99.6	97.0	87.2	58.2	33.4	14.8	6.0	65.2	533
	18-20	100.0	100.0	100.0	100.0	99.2	96.1	89.8	60.8	14.1	81.3	255
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.8	91.7	44.0	89.6	84
TOTALS		100.0	100.0	99.9	99.4	96.2	87.1	76.3	63.1	39.5	81.8	2876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747960 AVON PARK (RNG) FL 76-85 DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	80.0	91.6	10
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.4	91.6	73.4	93.0	154
	06-08	100.0	100.0	100.0	100.0	99.7	98.7	95.6	89.2	66.3	91.7	609
	09-11	100.0	100.0	100.0	99.5	97.2	88.2	71.9	48.9	18.9	78.4	634
	12-14	100.0	100.0	100.0	96.7	86.7	59.2	35.0	15.1	5.5	65.4	615
	15-17	100.0	100.0	99.3	95.9	84.1	60.0	31.1	16.1	6.5	65.1	540
	18-20	100.0	100.0	100.0	100.0	100.0	98.4	88.8	56.2	18.9	82.1	249
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.6	91.8	43.8	89.4	73
TOTALS		100.0	100.0	99.9	99.0	96.0	88.1	76.1	62.4	39.2	82.1	2884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

74796C — STATION
AVON PARK (RNG) FL — STATION NAME
76-86 — PERIOD
ALL — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.6	97.5	92.6	83.1	70.9	57.9	36.3	79.4	3095
FEB		100.0	100.0	98.7	95.5	89.6	79.5	66.2	50.9	28.0	76.7	3146
MAR		100.0	99.7	98.2	94.9	84.9	71.7	56.4	41.6	24.9	73.1	3254
APR		100.0	99.8	98.2	90.5	76.9	61.8	48.6	37.5	20.4	69.0	3153
MAY		100.0	100.0	99.6	93.8	82.7	69.0	57.2	45.1	21.5	72.7	3431
JUN		100.0	100.0	100.0	99.1	94.7	83.0	67.2	53.1	24.4	78.4	3528
JUL		100.0	100.0	100.0	100.0	97.6	88.2	71.7	56.8	22.7	80.1	3480
AUG		100.0	100.0	100.0	100.0	99.0	91.5	76.1	61.8	34.0	82.8	3553
SEP		100.0	100.0	100.0	100.0	98.9	92.4	76.2	62.8	39.9	83.6	2918
OCT		100.0	100.0	100.0	99.8	97.4	87.5	72.6	57.3	28.8	80.5	3354
NOV		100.0	100.0	99.9	99.4	96.2	87.1	76.3	63.1	39.5	81.8	2876
DEC		100.0	100.0	99.9	99.0	96.0	88.1	76.1	62.4	39.2	82.1	2884
TOTALS		100.0	100.0	99.5	97.5	92.2	81.9	68.0	54.2	30.0	78.4	38672

USE WITH CAUTION
SEE FIRST PAGE

PART 5 - PRESSURE SUMMARY

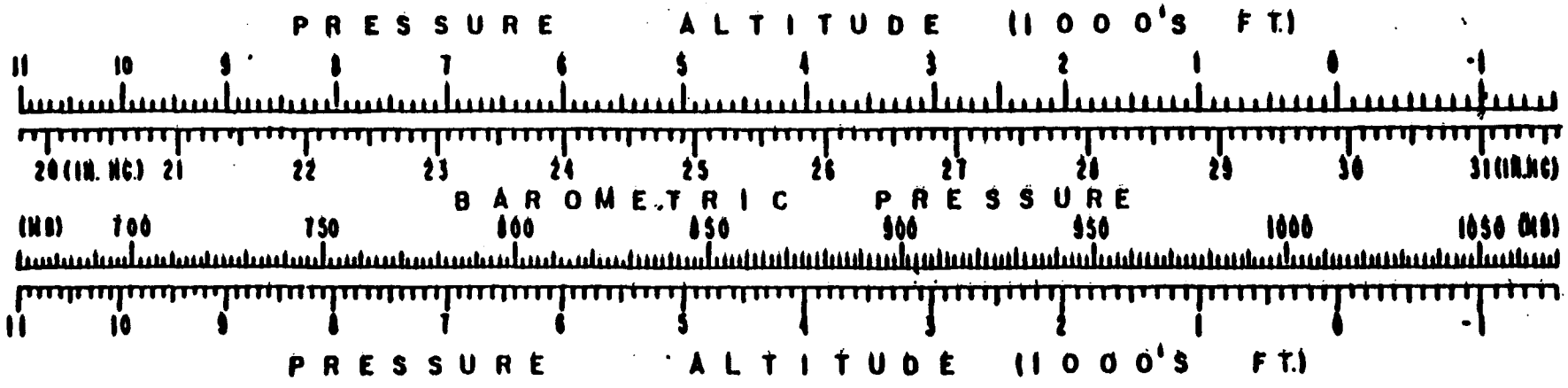
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.

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

747960 AVON PARK (RNG) FL 76-86

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN		30.060	30.026	29.952	29.943	29.988	29.940	29.960	29.837	29.902	30.005	29.880	29.980
	S. D.		.146	.162	.168	.033	.053	.045	.068		.049			.132
	TOTAL OBS		21	5	13	6	10	4	5	3	6	2	3	78
04	MEAN	29.982	29.988	29.959	29.921	29.922	29.920	29.956	29.942	29.891	29.916	29.994	29.969	29.930
	S. D.	.152	.118	.143	.122	.086	.068	.053	.066	.067	.081	.073	.140	.087
	TOTAL OBS	25	38	43	55	174	162	152	180	136	146	36	14	1163
07	MEAN	30.040	30.009	29.977	29.966	29.926	29.946	29.987	29.968	29.919	29.942	29.991	30.040	29.976
	S. D.	.136	.137	.165	.121	.087	.070	.058	.068	.068	.092	.102	.121	.113
	TOTAL OBS	224	209	232	215	226	227	224	234	199	220	199	207	2616
10	MEAN	30.080	30.043	30.011	29.991	29.943	29.961	30.008	29.991	29.946	29.971	30.027	30.084	30.005
	S. D.	.140	.141	.166	.124	.091	.074	.060	.067	.072	.094	.103	.121	.119
	TOTAL OBS	228	220	241	221	222	223	223	231	196	222	207	214	2648
13	MEAN	30.022	30.004	29.975	29.958	29.912	29.935	29.986	29.967	29.917	29.929	29.978	30.032	29.968
	S. D.	.140	.141	.166	.125	.094	.074	.061	.068	.069	.091	.105	.119	.116
	TOTAL OBS	226	216	234	218	216	224	215	227	193	220	204	205	2590
16	MEAN	29.990	29.964	29.925	29.911	29.873	29.902	29.953	29.930	29.868	29.896	29.946	29.999	29.931
	S. D.	.134	.135	.163	.125	.098	.077	.061	.072	.088	.096	.104	.121	.118
	TOTAL OBS	230	192	217	204	193	195	188	194	154	204	190	191	2327
19	MEAN	30.022	29.988	29.955	29.914	29.899	29.913	29.963	29.944	29.878	29.943	29.972	30.029	29.951
	S. D.	.126	.134	.138	.126	.096	.074	.066	.072	.105	.088	.096	.113	.112
	TOTAL OBS	90	106	111	100	113	114	127	117	84	111	88	88	1244
22	MEAN	30.060	30.039	30.003	29.980	29.954	29.939	29.983	29.971	29.897	29.951	30.010	30.026	29.983
	S. D.	.148	.121	.133	.148	.075	.073	.057	.089	.072	.060	.105	.133	.112
	TOTAL OBS	24	56	46	38	36	48	47	47	30	23	22	21	438
ALL HOURS	MEAN	30.032	30.007	29.973	29.952	29.913	29.933	29.978	29.960	29.908	29.934	29.986	30.037	29.966
	S. D.	.140	.139	.163	.129	.094	.075	.063	.072	.080	.093	.105	.124	.117
	TOTAL OBS	1017	1050	1129	1064	1186	1203	1180	1235	997	1152	948	943	13104

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

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

74796[illegible] AVON PARK (RNS) FL 76-86

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN		1020.6	1019.4	1016.9	1016.6	1018.2	1016.5	1017.1	1013.0	1015.2	1018.8	1014.5	1017.9
	S.D.		4.957	5.483	5.697	1.[illegible]26	1.892	1.606	2.296		1.654			4.487
	TOTAL OBS		21	5	13	6	10	4	5	3	6	2	3	78
04	MEAN	1017.7	1018.0	1017.1	1015.5	1015.2	1015.8	1017.1	1016.6	1014.8	1015.7	1018.5	1017.1	1016.1
	S.D.	5.241	4.[illegible]02	4.858	3.964	2.894	2.306	1.832	2.230	2.262	2.748	2.425	4.639	2.938
	TOTAL OBS	24	37	42	52	174	161	153	179	136	144	33	12	1149
7	MEAN	1019.8	1018.8	1017.7	1017.4	1016.0	1016.7	1018.1	1017.4	1015.8	1016.6	1018.2	1019.9	1017.7
	S.D.	4.6[illegible]5	4.709	5.608	4.[illegible]74	2.949	2.380	1.964	2.293	2.312	3.100	3.438	4.116	3.850
	TOTAL OBS	224	209	232	215	226	226	224	234	199	220	198	207	2614
10	MEAN	1021.2	1020.0	1018.9	1018.2	1016.6	1017.2	1018.8	1018.2	1016.7	1017.5	1019.4	1021.4	1018.7
	S.D.	4.765	4.777	5.662	4.212	3.[illegible]92	2.481	2.024	2.264	2.414	3.163	3.488	4.048	4.023
	TOTAL OBS	228	220	241	222	222	224	224	231	197	223	207	213	2652
13	MEAN	1019.2	1019.7	1017.7	1017.1	1015.5	1016.3	1018.1	1017.4	1015.7	1016.1	1017.8	1019.6	1017.4
	S.D.	4.73[illegible]	4.761	5.623	4.219	3.199	2.516	2.055	2.312	2.330	3.073	3.550	4.025	3.922
	TOTAL OBS	226	208	234	219	216	224	215	227	193	220	204	206	2592
16	MEAN	1018.2	1017.3	1016.0	1015.5	1014.2	1015.2	1016.9	1016.2	1014.1	1015.0	1016.7	1018.5	1016.2
	S.D.	4.52[illegible]	4.561	5.515	4.247	3.317	2.593	2.073	2.432	2.976	3.225	3.531	4.071	3.986
	TOTAL OBS	2[illegible]5	193	217	2[illegible]3	193	195	187	194	154	204	189	191	2325
19	MEAN	1019.3	1018.1	1017.4	1016.6	1015.1	1015.6	1017.3	1016.6	1014.4	1016.6	1017.6	1019.5	1016.9
	S.D.	4.243	4.539	4.696	4.[illegible]47	3.246	2.502	2.235	2.443	3.546	2.951	3.243	3.845	3.791
	TOTAL OBS	[illegible]6	106	110	100	113	114	127	117	84	111	88	88	1243
22	MEAN	1020.6	1019.8	1018.6	1017.8	1017.0	1016.5	1017.9	1017.5	1014.9	1016.9	1018.9	1019.4	1018.0
	S.D.	5.[illegible]09	4.084	4.536	5.028	2.511	2.454	1.956	3.021	2.367	2.026	3.516	4.531	3.787
	TOTAL OBS	[illegible]4	56	45	38	[illegible]6	48	47	47	28	23	22	21	435
ALL HOURS	MEAN	1019.6	1018.7	1017.6	1016.9	1015.6	1016.3	1017.8	1017.2	1015.4	1016.3	1018.1	1019.8	1017.4
	S.D.	4.76[illegible]	4.721	5.525	4.347	3.178	2.550	2.123	2.440	2.710	3.153	3.555	4.197	3.953
	TOTAL OBS	1[illegible]16	1050	1126	1[illegible]62	11[illegible]6	1202	1181	1234	996	1151	943	941	13088