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USAFETAC/DS-78/002

LEVEL II

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DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

PATRICK AFB FL/COCOA BEACH WBAN# 12867
N 28 14 W 080 36 FLD ELEV 9 FT COF WMO # 74795

PARTS A-F

POR FROM HOURLY OBS: JAN 67-DEC 76
POR FROM DAILY OBS: JAN 50-DEC 76

SEP 21 1977

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

Carl A. Bower Jr

CARL A BOWER, JR
Chief, Data Reference Section
Climatological Services Branch

FOR THE COMMANDER

Walter S. Burgmann

WALTER S BURGMANN
Scientific & Technical Information Officer

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SECURITY CLASSIFICATION OF THIS PAGE *(When Data Entered)*

REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER: USAFETAC/DS-78/002	2. GOVT ACCESSION NO. / 3. RECIPIENT'S CATALOG NUMBER
4. TITLE *(and Subtitle)*: Revised Uniform Summary of Surface Weather Observations (RUSSWO) - Patrick AFB, Cocoa Beach, Florida,	5. TYPE OF REPORT & PERIOD COVERED: Final rept.
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17. DISTRIBUTION STATEMENT *(of the abstract entered in Block 20, if different from Report)*

18. SUPPLEMENTARY NOTES

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

*Climatological Data	Daily temperature	*RUSSWO
*Patrick AFB, FL	Extreme temperature	*Florida
Climatology	Surface Winds	Extreme snow depth
Snowfall	Sea level pressure	Psychrometric summary
Relative Humidity	Extreme surface winds	Atmospheric pressure (over)

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

This six-part statistical summary of surface weather observations for Patrick AFB, Cocoa Beach, Florida contains the following parts: (A) Weather Conditions and Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow depth; (C) Surface winds; (D) Ceiling versus visibility; Sky cover; (E) Daily Temperature: Maximum, Minimum and Mean; Extreme Temperature: Maximum and Minimum; Psychrometric Summary of dry-bulb versus wet-bulb temperature; Mean and Standard Deviations of Temperatures: Dry bulb, Wet bulb and Dew point; Relative Humidity; (F) Station (atmospheric) pressure; Sea level pressure. (over)

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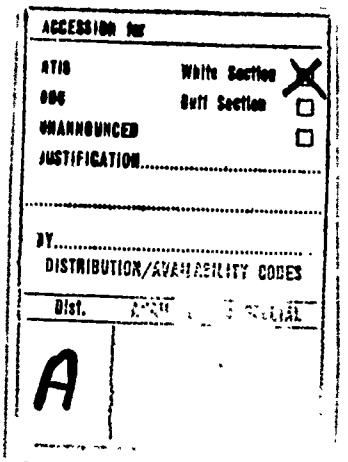
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19. Ceiling versus Visibility
Dry-bulb temperature versus wet-bulb temperature
Percentage frequency of distribution tables
Cumulative percentage frequency of distribution tables.

20. Data in this report are presented in tabular form; in most cases in the percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.



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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

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

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY_____
FEBRUARY_____
MARCH_____
APRIL_____
MAY_____
JUNE_____
JULY_____
AUGUST_____
SEPTEMBER_____
OCTOBER_____
NOVEMBER_____
DECEMBER_____

78 09 29 018

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
12867	PATRICK AFB FLORIDA/COCOA BEACH	N 28 14	W 080 36	9	COF	74795

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	Patrick AFB Florida, Cocoa Beach	AFB	Jan 50	Feb 54	N 28 13	W 080 36	9	21 ft	24
2	Same	Same	Mar 54	Mar 57	N 28 14	Same	19	22 ft	24
3	Same	Same	Apr 57	Mar 59	Same	Same	Same	25 ft	24
4	Same	Same	Apr 59	Dec 70	Same	Same	Same	9 ft	24
5	Same	Same	Jan 71	Dec 76	Same	Same	9	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 50	Located over the weather station	GMQ-1A	N/A	109 ft	
2	Mar 54	Located on top of control tower NW corner of hangar #800	Same	ML 204B	108 ft	
3	Apr 56	Located mid position atop hangar #800	Same	Same	101 ft	
4	Apr 57	Located on top of hangar #800	GMQ-1	Same	77 ft	
5	Apr 58	Located 500 ft W of rnwy 20 and 500 ft S of taxiway 11-29	GMQ-11	RO-2A	13 ft	
6	Apr 62	Located 600 ft N of the observing site, 800 ft E of rnwy 02-20	Same	Same	Same	
7	Dec 76	Located 600 ft N of the observing site, 800 ft E of rnwy 02-20	GMQ-20	RO-2	13 ft	

CONTINUED ON REVERSE SIDE

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

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WEATHER CONDITIONS

12867 PATRICK AFB FL/COCOA BEACH 67-78 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	4.1		.0		4.1	7.1	3.7			9.8	6862
FEB		.5	4.6				4.6	3.4	2.7			5.6	6322
MAR		.7	3.9				3.9	3.8	2.3		.0	5.2	6959
APR		.7	2.0				2.0	3.2	4.3			7.0	6629
MAY		2.7	4.2				4.2	.9	5.3			5.7	6733
JUN		5.4	7.7				7.7	1.3	3.4			4.5	6516
JUL		5.7	4.5				4.5	.2	.9			1.0	6756
AUG		4.0	3.7				3.7	.2	1.9			1.9	6094
SEP		2.6	6.2				6.2	.7	1.7		.1	2.3	6513
OCT		1.2	6.5				6.5	1.5	2.6			3.9	6733
NOV		.3	3.3				3.3	2.4	1.6			3.7	6501
DEC		.2	3.9				3.9	5.7	2.8			7.1	6719
TOTALS		2.0	4.6		.0		4.6	2.5	2.8		.0	4.6	79937

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 57-76 YEARS | JAN 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	.3	4.0				4.0	7.0	1.9			8.4	729
	03-05	.3	3.9				3.9	11.5	2.6			13.4	724
	06-08		4.7		[illegible]		4.8	17.2	5.5			20.2	350
	09-11	.2	3.7				3.7	8.3	7.2			13.8	915
	12-14	.1	3.8				3.8	3.8	3.7			6.1	912
	15-17	.1	4.7				4.7	3.0	2.7			5.3	913
	18-20	.4	4.4				4.4	3.3	4.1			6.8	911
	21-23		3.3				3.3	3.0	1.9			4.0	908
TOTALS		.2	4.1		[illegible]		4.1	7.1	3.7			9.8	6862

DATA PROCESSING BRANCH
USAF ETAC
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WEATHER CONDITIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (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	.3	3.1				3.1	2.7	1.5			3.6	666
	03-05	.6	3.1				3.1	6.0	1.6			6.7	671
	06-08	.1	3.9				3.9	10.5	5.2			14.5	788
	09-11	.4	4.0				4.0	4.9	4.7			8.8	844
	12-14	.2	4.9				4.9	.6	2.1			2.6	644
	15-17	1.1	4.9				4.9	.7	2.4			3.1	838
	18-20	.5	5.7				5.7	1.4	1.9			3.3	838
	21-23	.6	5.3				5.3	.4	2.0			2.2	833
TOTALS		.5	4.6				4.6	3.4	2.7			5.6	6322

DATA PROCESSING BRANCH
OSAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.4	4.0				4.0	1.8	1.8			2.8	741
	03-05	.4	3.5				3.5	8.0	3.4			9.0	741
	06-08	.9	2.9				2.9	11.3	5.0		.1	14.2	895
	09-11	.4	2.0				2.0	2.7	2.5		.2	4.6	922
	12-14	.5	4.1				4.1	1.2	1.0			1.8	927
	15-17	.7	4.0				4.0	1.6	1.2			2.6	923
	18-20	.9	4.4				4.4	1.7	2.2			3.6	918
	21-23	1.6	6.5				6.5	2.1	.9			2.8	892
TOTALS		.7	3.9				3.9	3.8	2.3		.0	5.2	6959

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.3	1.8				1.8	1.8	4.2			5.9	673
	03-05	.1	1.9				1.9	6.8	3.9			10.3	673
	06-08	.1	2.1				2.1	13.4	8.2			18.5	868
	09-11	.1	1.6				1.6	2.2	6.2			7.8	894
	12-14	1.6	2.5				2.5	.1	2.8			2.9	894
	15-17	1.6	2.5				2.5	.4	2.0			2.5	895
	18-20	1.2	1.7				1.7	.2	4.4			4.6	892
	21-23	.4	1.7				1.7	.7	2.4			3.1	840
TOTALS		.7	2.0				2.0	3.2	4.3			7.0	6629

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.1	3.4				3.4	.2	3.1			3.1	647
	03-05	.3	2.2				2.2	1.1	4.1			5.1	651
	06-08	.1	2.4				2.4	5.3	12.7			15.2	921
	09-11	1.0	2.2				2.2	.4	6.5			6.6	924
	12-14	4.9	5.2				5.2	.1	4.1			4.2	921
	15-17	6.4	7.2				7.2		4.6			4.6	921
	18-20	5.7	5.9				5.9		5.0			5.0	915
	21-23	1.9	5.3				5.3		2.0			2.0	833
TOTALS		2.7	4.2				4.2	.9	5.3			5.7	6733

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.8	6.1				6.1	1.0	1.9			2.9	627
	03-05	1.4	5.1				5.1	2.7	1.9			4.3	629
	06-08	.7	3.7				3.7	3.5	5.1			7.6	891
	09-11	2.0	4.3				4.3	1.1	4.3			5.0	894
	12-14	7.6	6.6				6.6	.6	4.0			4.6	890
	15-17	16.0	16.1				16.1	.6	3.7			4.3	892
	18-20	9.5	12.7				12.7	.3	3.8			4.2	888
	21-23	4.0	6.7				6.7	.6	2.4			2.7	805
TOTALS		5.4	7.7				7.7	1.3	3.4			4.5	6516

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (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	.9	.9				.9						648
	03-05	.6	.3				.3	.2				.2	649
	06-08	.3	1.0				1.0	1.3	4.6			4.8	928
	09-11	1.3	1.5				1.5	.1	1.4			1.4	925
	12-14	9.9	7.0				7.0		.6			.6	925
	15-17	17.6	10.6				10.6		.3			.3	923
	18-20	11.5	9.5				9.5	.1	.5			.7	923
	21-23	3.1	4.9				4.9						835
TOTALS		5.7	4.5				4.5	.2	.9			1.0	6756

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.1	1.2				1.2		.5			.5	648
	03-05	.3	.5				.5		.2			.2	648
	06-08	.4	1.3				1.3	1.0	3.0			3.3	910
	09-11	1.3	1.8				1.8		2.2			2.2	922
	12-14	7.2	4.5				4.5		2.6			2.6	920
	15-17	12.9	9.7				9.7	.2	2.3			2.5	904
	18-20	6.6	7.4				7.4		2.4			2.4	915
	21-23	1.8	2.8				2.8		1.8			1.8	827
TOTALS		4.0	3.7				3.7	.2	1.9			1.9	6694

DATA PROCESSING BRANCH
OSAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 (STATION) pATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.9	5.2				5.2	.2	.2		.2	.3	621
	03-05	1.3	4.8				4.8	1.1	1.1			1.9	627
	06-08	.8	4.4				4.4	2.6	3.8			5.5	593
	09-11	1.0	5.7				5.7	.8	1.9			2.7	589
	12-14	2.8	6.3				6.3	.6	1.1			1.9	892
	15-17	5.8	9.4				9.4	.2	2.2		.2	2.5	893
	18-20	4.2	7.8				7.8	.2	2.2		.3	2.5	890
	21-23	3.0	6.3				6.3		.7		.4	.7	808
TOTALS		2.6	6.2				6.2	.7	1.7		.1	2.3	6513

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.4	5.9				5.9	.8	.9			1.5	647
	03-05	1.1	7.1				7.1	2.9	1.7			3.9	647
	06-08	.5	4.7				4.7	4.7	5.1			7.8	910
	09-11	.2	5.3				5.3	1.9	3.5			4.8	925
	12-14	1.2	6.4				6.4	.1	1.8			2.3	921
	15-17	1.9	5.9				5.9	.4	3.5			4.4	917
	18-20	2.2	9.3				9.3	.5	2.9			4.4	924
	21-23	1.3	7.0				7.0	.4	1.1			1.8	842
TOTALS		1.2	6.5				6.5	1.5	2.6			3.9	6733

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 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		3.0				3.0	1.9				1.9	624
	03-05		2.9				2.9	3.5	.5			3.7	627
	06-08		4.4				4.4	7.1	3.8			10.0	798
	09-11	.1	3.2				3.2	3.6	2.6			5.3	893
	12-14	.2	2.5				2.5	.7	1.8			2.5	888
	15-17	1.1	3.6				3.6	.8	1.5			2.2	893
	18-20	.7	4.1				4.1	.5	1.5			1.9	884
	21-23	.3	3.0				3.0	.8	1.1			1.8	894
TOTALS		.3	3.3				3.3	2.4	1.6			3.7	6501

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.2	1.9				1.9	3.7	1.1			4.0	643
	03-05		4.2				4.2	6.9	2.0			7.2	638
	06-08		4.0				4.0	12.4	5.3			14.4	824
	09-11	.2	4.2				4.2	8.6	4.9			11.1	925
	12-14	.5	5.4				5.4	3.8	3.1			5.9	925
	15-17	.6	4.0				4.0	2.6	2.4			4.7	924
	18-20		4.2				4.2	3.6	2.1			5.1	922
	21-23		3.5				3.5	3.7	1.2			4.4	918
TOTALS		.2	3.9				3.9	5.7	2.8			7.1	6719

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 30-75 (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.2	33.0				33.0	32.3	18.8			38.1	813
FEB		5.0	36.3			.3	36.2	28.7	17.2			35.5	762
MAR		9.6	33.2			.2	33.2	23.1	13.5			29.9	837
APR		10.7	27.5			.2	27.5	17.9	16.2			25.4	810
MAY		23.8	38.0			.5	38.0	8.4	15.5			19.5	837
JUN		40.2	49.3			.1	49.3	7.8	12.2		.2	16.9	810
JUL		45.9	46.2			.1	46.2	3.9	5.7			8.4	837
AUG		45.5	48.4			.4	48.4	3.9	5.9			9.0	837
SEP		29.1	59.5			.1	59.8	6.0	8.4			12.3	810
OCT		11.8	52.2				52.2	11.0	11.7			18.0	837
NOV		2.8	34.7				34.7	17.5	8.8			21.6	810
DEC		2.3	35.4				35.4	27.0	14.3			31.8	837
TOTALS		19.1	41.2			.2	41.2	15.6	12.3		.0	22.2	9837

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

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

74-29961

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 50-76 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	66.3	15.0	2.2	4.1	2.2	2.5	3.7	2.2	1.0	.2				18.7	813	2.09	7.83	TRACE
FEB	61.8	13.4	2.6	3.8	2.6	4.6	4.3	4.5	2.2	.1				24.8	762	2.85	6.58	.09
MAR	64.9	10.9	2.6	3.9	3.1	5.1	3.7	2.7	2.5	.5				24.3	837	3.12	11.01	.01
APR	71.4	11.4	1.4	3.6	2.1	2.3	2.4	3.5	1.6	.1				17.2	807	2.08	6.38	.05
MAY	61.1	12.7	3.1	3.3	3.9	3.8	5.3	3.6	2.7	.5				26.3	837	3.42	11.43	.09
JUN	49.6	12.5	1.7	7.0	4.0	6.9	6.9	5.8	4.9	.7	.1			38.1	810	5.72	20.44	.65
JUL	52.7	13.0	2.2	6.3	3.2	7.0	6.3	5.5	3.3	.2	.1			34.3	837	4.38	15.33	.63
AUG	50.4	13.3	3.1	7.9	4.1	5.9	5.7	4.8	4.3	.6				36.3	837	4.71	11.44	.86
SEP	38.4	14.6	4.4	8.3	4.6	7.7	8.3	6.7	5.6	1.2	.4			47.0	810	7.40	17.87	1.11
OCT	46.6	16.0	3.1	8.2	4.2	7.9	5.3	3.8	4.4	.6	.5			37.4	837	5.50	17.94	.21
NOV	63.2	14.1	3.3	6.3	2.6	4.7	1.5	2.0	1.5	.5				22.3	810	2.23	6.66	.03
DEC	62.1	16.7	2.9	4.7	3.2	3.6	3.1	2.2	1.6					21.1	837	1.82	5.13	.07
ANNUAL	57.4	13.7	2.7	5.6	3.3	5.1	4.7	3.8	3.0	.4	.1			29.0	9834	45.32		

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

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EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 50-76 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	*TRACE	.77	2.20	.52	1.06	2.62	1.25	1.11	1.24	7.14	.55	.91	7.14
51	.01	1.88	.68	2.36	1.97	1.23	.60	1.54	2.32	2.38	3.61	.65	3.61
52	.54	.64	1.62	.42	.68	.47	.37	1.49	3.83	3.01	.44	.48	3.83
53	.67	1.76	1.89	1.17	.43	.46	.95	2.01	5.28	7.59	2.69	.68	7.59
54	.71	.71	1.01	1.10	2.91	2.99	1.38	1.38	1.43	1.91	1.88	1.06	2.99
55	1.78	1.37	.80	.30	.52	2.08	1.21	.48	2.92	1.39	.09	.14	2.92
56	1.98	.40	.01	1.04	1.74	1.33	.80	1.90	2.27	6.13	.14	.03	6.13
57	1.84	1.82	1.94	1.30	.70	.70	1.90	1.52	2.06	1.01	.66	1.87	2.06
58	2.64	2.00	1.12	1.61	1.10	2.90	1.18	2.22	.96	1.53	1.78	1.72	2.90
59	2.41	1.68	3.31	1.52	.70	1.86	.96	1.02	2.74	2.26	2.42	.74	3.31
60	.46	.95	3.64	2.80	.20	1.44	1.07	2.79	4.58	.65	.23	.25	4.58
61	3.61	.87	.99	.84	2.30	2.09	.95	3.38	2.09	.26	.73	.31	3.61
62	.34	1.99	.89	.62	.21	1.83	1.37	1.69	1.65	.15	1.11	.26	1.99
63	.55	2.27	.38	.13	3.20	.89	1.42	1.58	7.44	.64	4.93	.84	7.44
64	1.52	.73	1.57	.36	1.66	.62	1.31	2.88	2.18	.71	.78	.45	2.88
65	.92	1.32	2.49	.38	.06	1.07	.71	.40	1.03	2.55	.94	1.02	2.55
66	1.66	4.68	1.10	.71	1.31	3.98	2.80	3.16	1.96	3.59	.75	.37	4.68
67	.40	1.57	.05	.05	.86	1.40	1.29	1.40	2.32	.86	.02	.80	2.32
68	.26	1.93	.32	.78	.91	6.87	1.79	1.21	1.00	1.69	1.28	.46	6.87
69	1.69	.70	2.52	.48	1.82	.76	1.52	1.16	2.03	1.51	1.81	1.99	2.52
70	1.00	.56	.73*	1.89	1.93	.26	1.06	.64	2.68	1.23	.66	.58	2.68
71	.09	1.91	.41	.73	2.22	2.39	1.04	1.61	1.60	1.85	.19	1.05	2.39
72	1.31	1.85	1.13	.42	.63	3.71	.57	1.38	.58	.72	1.96	1.27	3.71
73	1.20	1.08	.96	1.38	1.32	1.12	2.01	1.46	2.92	2.30	.98	1.69	2.92
74	TRACE	.20	.29	1.34	.93	1.95	5.75	1.19	1.53	3.44	.35	.55	5.75
75	.12*	.35	1.32	.20	1.25	1.40	1.20	.84	2.89	1.17	.33	.09	2.89
76	.37	.04	.63	.16	2.88	2.15	.90	1.99	5.86	.24	2.62	1.25	5.86
MEAN	1.040	1.334	1.259	.926	1.315	1.873	1.384	1.609	2.570	2.145	1.257	.797	4.004
S.D.	.925	.932	.939	.683	.864	1.392	1.005	.757	1.602	1.975	1.187	.550	1.775
TOTAL OBS.	813	762	837	809	837	810	837	837	810	837	810	837	9836

NOTE * (BASED ON < FULL MONTHS)

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

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EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

12867 PATRICK AFB FL/COCOA BEACH 50-76
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	*TRACE	1.21	5.28	1.08	2.02	4.40	4.40	2.51	3.85	17.94	1.08	1.52	*45.29
51	.01	2.99	.91	6.58	5.70	6.12	1.93	3.82	8.46	4.38	6.66	1.24	48.80
52	1.11	3.25	3.28	.83	2.63	.65	.63	4.82	8.80	9.56	.44	.70	36.70
53	1.04	3.14	4.11	5.06	.71	1.67	2.97	11.44	12.97	13.82	5.53	1.75	64.21
54	1.26	1.75	2.33	4.70	6.61	7.95	2.85	3.36	8.30	6.02	2.41	2.23	49.77
55	2.06	3.20	1.57	.46	1.82	8.03	1.96	1.55	4.97	4.03	.15	.26	30.04
56	2.47	.73	.01	2.24	2.27	2.67	2.38	3.11	8.31	12.20	.54	.07	37.00
57	1.92	4.08	6.24	4.29	2.62	1.99	5.17	5.35	5.70	1.33	1.88	5.13	45.70
58	7.83	2.73	5.04	3.27	2.82	6.88	3.56	4.95	2.77	4.37	2.72	3.89	50.83
59	3.47	4.50	11.01	4.19	1.67	6.27	2.32	3.39	11.06	5.16	4.17	1.27	58.48
60	.52	3.85	10.51	3.36	.62	5.15	6.26	5.54	16.26	2.39	.58	.66	55.70
61	4.56	1.89	1.97	1.58	6.36	3.38	3.43	8.38	2.36	1.01	1.39	.43	36.74
62	.82	2.11	1.54	1.84	.49	4.50	5.22	5.97	5.30	.21	2.02	.51	30.53
63	1.91	5.16	1.56	.29	5.77	3.08	6.76	3.35	17.87	1.94	5.88	2.90	56.46
64	3.10	3.57	1.87	.45	2.79	1.47	5.53	11.42	4.84	2.51	1.95	.80	40.30
65	1.07	4.13	4.07	.49	.08	5.07	2.07	.86	3.20	5.70	1.19	1.77	29.70
66	7.19	6.58	2.42	1.01	5.69	13.68	8.35	9.96	7.36	8.49	1.47	1.00	73.20
67	.94	3.07	.13	.05	1.66	5.40	7.53	2.98	4.92	1.76	.03	1.50	29.97
68	.59	2.63	.92	1.57	2.42	20.44	4.75	2.36	6.16	9.34	1.62	.50	53.30
69	3.39	1.16	6.03	.60	7.80	2.57	4.07	4.57	8.25	6.53	3.30	3.50	51.77
70	3.10	1.61	3.73	* 2.17	3.75	.97	3.81	1.76	5.72	5.00	1.08	1.19	*33.89
71	.25	4.72	1.14	1.18	2.87	6.17	3.72	2.89	8.25	6.69	.53	3.55	41.96
72	2.37	4.97	1.85	1.32	3.18	8.92	2.04	5.63	1.11	2.37	5.29	3.64	42.69
73	4.63	1.87	3.14	2.93	3.22	8.33	6.14	3.92	11.17	5.18	1.33	4.83	53.69
74	TRACE	.50	.61	3.30	2.17	8.13	15.33	3.09	4.18	5.94	1.09	1.27	45.61
75	.26	* 1.37	2.05	.92	3.04	6.36	3.63	1.54	4.78	4.19	1.08	.19	*29.41
76	.43	.09	.84	.34	11.45	7.09	1.49	8.52	12.81	.51	4.69	2.84	51.10
MEAN	2.085	2.847	3.117	2.078	3.416	5.716	4.380	4.705	7.397	5.503	2.226	1.820	45.290
S.D.	2.070	1.589	2.798	1.732	2.561	4.129	2.918	2.920	4.143	4.226	1.905	1.457	11.413
TOTAL OBS.	813	762	837	809	837	810	837	837	810	837	810	837	9836

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

12367 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 50-76 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5 00	5.01-10 00	10.01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0 4	0 5-1.4	1.5-2.4	2.5-3.4	3 .5-4 .4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50 4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														915	.0	.0	.0
FEB	100.0														762	.0	.0	.0
MAR	100.0														837	.0	.0	.0
APR	100.0														810	.0	.0	.0
MAY	100.0														837	.0	.0	.0
JUN	100.0														810	.0	.0	.0
JUL	100.0														837	.0	.0	.0
AUG	100.0														837	.0	.0	.0
SEP	100.0														810	.0	.0	.0
OCT	100.0														837	.0	.0	.0
NOV	100.0														810	.0	.0	.0
DEC	100.0														837	.0	.0	.0
ANNUAL	100.0														9837	.0		

4

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

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

12867 PATRICK AFB FL/COCOA BEACH 50-76
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	813	762	837	810	837	810	837	837	810	837	810	837	9837

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

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

4

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

12867 PATRICK AFB FL/COCOA BEACH 50-76
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	* .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0 *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	813	762	837	810	837	810	837	837	810	837	810	837	9837

NOTE * (BASED ON < FULL MONTHS)

4

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 50-76 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														813			
FEB	100.0														702			
MAR	100.0														837			
APR	100.0														810			
MAY	100.0														837			
JUN	100.0														810			
JUL	100.0														837			
AUG	100.0														837			
SEP	100.0														810			
OCT	100.0														837			
NOV	100.0														810			
DEC	100.0														837			
ANNUAL	100.0														9837			

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

4

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) . 50-76 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	* 0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	* 0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	813	762	837	810	837	810	837	837	810	837	810	837	9837

NOTE * (BASED ON < FULL MONTHS)

AWS ETAC FORM 0-80-6 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

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

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

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

C

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

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 58-76 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
58			SSE*38	SSW 39	WNW 39	N 38	SW *26	WSW 34	N 29	NE 33	ESE 28	E 33	
59	WNW 35	WSW 32	NW 37	N 33	SE*24				*29	N 24	NW 29	N 32	
60	W 30	S 38	W 42	NNE 29	SSW 27	NW *33	WNW 37	NW 30	SSE 64	S 25	ENE 26	N 33	SSE 64
61	NW 29	W 38	WNW 36	SSW 34	WSW 42	NE*36	W 36	SSE 32	W 30	ESE 32	E 34	NW 26	WSW 42
62	WNW 41	WSW 39	W 37	SSW 29	N 28	WNW 36	N 24	W 33	N 41	NNW 26	N 30	WNW 34	WNW 41
63	N 27	WSW 36	NE 31	SE 25	N 35	NW 29	ESE 47	SSW 50	NE 45	NE 27	W 36	E 37	SSW 50
64	WNW 33	WNW 40	NW 35	N 36	N 32	S 21	WNW 32	SSE 53	WSW 50	W 37	NNW 32	NE 30	SSE 53
65	N 29	W 43	N 41	NNE 30	NNE 24	SSW 55	SSW 36	N 31	ENE 41	NNE 35	E 33	N 38	SSW 55
66	NW 37	E 39	W 39	WSW 38	S 48	SE 45	W 28	NNE 49	SW 30	SSE 32	W 30	N 32	NNE 49
67	WSW 30	NNE 37	NNE 34	ENE 27	SW 36	NW 37	NW 48	W 31	NE 29	NE 22	N 25	NW 33	NW 48
68	N 28	SSW 35	SSW 36	SSW 45	SW 36	W 36	27/ 31	26/ 26	29/ 30	14/ 37	27/ 37	29/ 30	SSW 45
69	1/ 28	27/ 43	18/ 33	7/ 24	6/ 37	21/ 25	27/ 26	23/ 30	14/ 32	7/ 34	30/ 59	28/ 32	30/ 59
70	23/ 40	19/ 50	16/ 36	25/ 31	16/ 30	34/ 34	16/ 28	25/ 30	8/ 32	4/ 35	35/ 36	28/ 30	19/ 50
71	33/ 35	22/ 39	29/ 39	31/ 33	15/ 29	20/ 49	30/ 42	17/ 41	27/ 49	27/ 28	2/ 26	6/ 38	20/ 49
72	2/ 36	29/ 38	21/ 39	5/ 28	31/ 38	9/ 47	30/ 33	34/ 40	26/ 40	8/ 38	9/ 35	35/ 43	9/ 47
73	20/ 45	26/ 38	23/ 38	22/ 35	27/ 41	14/ 26	27/ 47	22/ 28	24/ 50	5/ 31	32/ 26	25/ 37	24/ 50
74	2/ 22	21/ 31	26/ 29	33/ 29	29/ 54	18/ 39	35/ 34	36* 60	26/ 27	2/ 34	33/ 28	28/ 31	36* 60
75	1/ 30	18/ 34	21/ 36	23/ 36	26/ 28	26/ 37	21/ 39	32/ 38	24/ 28	8/ 32	7/ 29	26/ 30	21/ 39
76	28/ 32	24/ 39	22/ 29	2/ 36	20/ 36	16/ 35	20/ 34	5/ 31	22/ 36	2/ 32	3/ 32	27/ 38	24/ 39
MEAN	32.6	38.3	35.7	32.5	34.9	36.6	34.9	37.1	37.5	31.3	32.2	33.5	49.4
S.D.	5.710	4.309	3.652	5.264	7.891	8.576	7.435	9.795	10.227	4.677	7.507	4.047	7.212
TOTAL OBS.	556	506	564	564	566	524	549	548	553	587	569	584	6670

NOTES * (BASED ON < FULL MONTHS)

(A) (BASED ON < FULL MONTHS AND ≥100 KNOTS)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	2.0	1.7	.2	.0	.0					5.9	9.0
NNE	.4	1.1	1.5	1.3	.2	.0						4.5	8.8
NE	.5	1.6	2.2	1.3	.2	.0	.0					5.9	8.4
ENE	.6	2.0	2.7	1.4	.2	.0	.0					7.0	8.3
E	1.3	4.0	4.7	2.0	.2	.0						12.1	7.5
ESE	1.0	2.9	3.0	.7	.0	.0						7.6	6.7
SE	.7	2.3	3.1	.9	.1	.0						7.1	7.4
SSE	.7	1.8	2.8	1.5	.1	.0						7.0	8.0
S	1.6	2.2	1.8	.7	.0	.0	.0					6.3	6.2
SSW	1.0	1.6	1.3	.5	.1	.0						4.5	6.5
SW	.6	1.3	1.2	.5	.1	.0	.0					3.8	7.1
WSW	.7	1.4	1.5	.5	.1	.0						4.0	6.9
W	1.1	1.9	1.6	.8	.1	.0						5.5	7.0
WNW	.7	1.1	1.2	.7	.1	.0	.0					3.9	7.6
NW	.6	1.0	1.2	.6	.1	.0						3.7	8.0
NNW	.5	1.3	1.8	1.3	.2	.0	.0					5.0	8.6
VARBL													
CALM												6.3	
	12.7	28.7	33.2	16.7	2.0	.3	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 79887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.1	4.1	4.2	.4	.0						11.7	9.5
NNE	.5	1.5	1.5	.7	.1	.0						4.3	7.4
NE	.8	2.0	1.3	.3	.1							4.6	6.5
ENE	.8	2.1	1.4	.5	.1							4.8	6.5
E	1.4	2.2	1.0	.6								5.8	6.1
ESE	.9	1.4	.6	.2								3.4	5.5
SE	.9	2.1	2.0	.6								5.5	6.5
SSE	.7	2.1	2.9	1.0								6.6	7.3
S	1.7	2.4	1.6	.5	.0							6.3	5.8
SSW	1.1	1.9	1.5	.8								5.4	6.6
SW	.7	1.2	1.1	.5	.1	.0						3.7	6.8
WSW	.9	1.0	.6	.3	.0							2.7	5.7
W	1.1	1.7	1.3	.8	.1							4.9	6.8
WNW	.8	1.5	1.7	1.2	.1	.0						5.4	7.8
NW	1.2	1.3	2.2	1.5	.3							6.4	8.1
NNW	.8	2.0	3.7	3.1	.4	.0						10.1	9.2
VARBL													
CALM												8.5	
	15.2	28.4	29.3	16.7	1.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 0856

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	3.4	4.5	.3	.0	.0					11.7	9.4
NNE	.6	1.3	2.0	1.5	.1							5.5	8.4
NE	.5	1.3	1.5	.3								3.5	6.8
ENE	.5	1.4	.6	.2								2.9	5.9
E	.8	2.2	1.5	.4								4.8	6.1
ESE	.7	1.4	1.0	.5								3.6	6.7
SE	.6	1.0	1.2	.8	.1	.0						3.8	7.9
SSE	.0	.9	1.9	1.4	.1	.0						5.0	8.8
S	1.3	2.1	2.2	1.2	.1	.1	.0					7.0	7.3
SSW	.8	1.5	1.3	.7	.2	.0						4.6	7.4
SW	.7	1.1	1.1	.8	.1		.0					3.9	7.7
WSW	.9	.9	1.3	.6	.2	.0						3.9	7.5
W	1.1	1.9	3.3	1.8	.7	.1						8.8	9.0
WNW	.7	1.8	2.0	1.9	.4	.0	.0					7.5	9.1
NW	.6	1.6	2.1	2.4	.3							7.0	9.1
NNW	.9	2.3	3.5	3.1	.3	.1	.0					10.3	9.2
VARBL													
CALM												6.1	
	12.5	24.8	30.0	22.2	3.0	.5	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 6318

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	2.2	2.1	.4	.0						6.2	9.7
NNE	.4	1.1	1.9	2.0	.2	.0						5.6	9.4
NE	.4	1.3	1.9	1.2	.1							4.8	8.2
ENE	.5	2.2	2.4	1.3	.1							6.5	7.7
E	1.5	3.1	2.8	1.0	.0							8.5	6.6
ESE	.9	2.7	1.9	.4								5.9	6.2
SE	.8	2.5	4.0	1.5	.1	.0						8.7	7.9
SSE	.6	1.6	3.7	2.7	.1	.0						8.7	8.9
S	1.2	1.8	2.5	1.4	.1	.0						7.1	7.5
SSW	.7	1.1	1.5	1.0	.2	.0						4.5	8.1
SW	.2	1.0	1.0	1.2	.2	.1						3.6	9.6
WSW	.4	1.2	1.3	1.3	.2	.0						4.4	8.9
W	.5	1.6	2.7	2.1	.5	.1						7.5	9.4
WNW	.4	.8	1.8	1.5	.3	.0						4.8	9.7
NW	.2	.8	1.1	1.1	.2	.0						3.4	9.6
NNW	.3	.7	1.7	1.4	.3							4.4	9.6
VARBL													
CALM												5.4	
	9.4	24.6	34.0	23.2	3.0	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 6954

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	1.5	1.2	.1	.0						3.6	9.4
NNE	.1	.6	1.3	2.3	.2	.0						4.6	11.1
NE	.1	1.0	2.6	1.8	.2							5.6	9.6
ENE	.4	1.8	2.9	2.3	.3							7.8	9.2
E	.8	2.9	5.2	3.9	.2							13.9	8.8
ESE	.6	2.2	4.0	1.4	.0							8.9	8.0
SE	.3	2.0	4.8	1.8	.0							8.9	8.5
SSE	.4	1.3	3.8	3.5	.3							9.3	9.8
S	1.1	2.1	2.3	1.0	.1							6.8	7.1
SSW	.8	1.5	1.3	.7	.0							4.2	6.8
SW	.6	1.1	1.5	.6	.2	.0						4.0	7.8
WSW	.5	1.6	1.9	.6	.3							5.0	7.9
W	.7	2.1	2.9	1.1	.1	.0						7.0	7.7
WNW	.3	1.2	1.2	.6								3.3	7.4
NW	.2	.6	.8	.5	.0							2.0	8.1
NNW	.2	.6	.9	.7	.0							2.5	8.6
VARBL													
CALM												2.5	
	7.2	23.3	40.7	24.1	2.1	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 6624

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.8	.8	.2							3.1	8.5
NNE	.5	.6	1.0	1.6	.1							4.4	9.2
NE	.3	1.3	2.7	1.2	.1	.0						5.6	8.5
ENE	.5	1.2	2.0	.8	.1	.0						5.3	7.8
E	1.1	3.3	6.4	3.7	.2							14.6	8.6
ESE	.5	3.0	5.5	2.7	.0							11.8	8.3
SE	.3	2.3	4.9	2.2	.1							9.9	8.5
SSE	.5	1.5	3.7	3.5	.3							9.5	9.7
S	1.3	2.3	2.5	.8		.0						7.0	6.8
SSW	1.0	1.9	1.5	.6	.0	.0						4.9	6.6
SW	.6	1.2	1.5	.5	.1	.0						3.9	7.4
WSW	.7	1.5	1.7	.7	.1							4.7	7.3
W	1.3	2.1	1.4	.6	.1							5.4	6.3
WNW	.6	1.0	.6	.2		.0						2.4	5.9
NW	.4	.7	.7	.3	.0							2.1	6.6
NNW	.1	.6	.6	.3	.0							1.6	7.4
VARBL													
CALM												3.6	
	10.1	25.4	39.0	20.6	1.2	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 6729

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.4	.3	.1	.0						1.6	7.3
NNE	.5	.8	.7	.3	.1							2.4	7.0
NE	.5	1.4	2.1	.9	.0							4.8	7.7
ENE	.8	2.0	3.4	.7								6.9	7.0
E	1.5	5.0	6.5	2.3	.4	.0						15.7	7.8
ESE	.9	3.6	4.5	.8	.1	.0						10.0	7.1
SE	.8	2.2	3.6	.8	.1	.1						7.6	7.4
SSE	.9	2.1	2.6	1.2	.1							6.9	7.6
S	1.9	2.8	1.8	.4	.0							6.9	5.6
SSW	1.1	2.0	1.4	.5	.1	.0						5.0	6.3
SW	.8	2.0	2.4	.8	.2	.0						6.4	7.6
WSW	1.0	2.4	2.9	1.2	.1							7.5	7.3
W	1.4	2.6	1.4	.6	.0							6.1	6.0
WNW	.6	1.1	.4	.2	.0							2.4	5.7
NW	.4	.6	.3	.0	.0	.0						1.4	5.5
NNW	.4	.8	.3	.1	.0	.0						1.6	5.7
VARBL													
CALM												6.5	
	13.8	32.1	34.8	11.2	1.4	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 6513

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	.3	.1	.0							.9	5.8
NNE	.4	.5	.4	.1	.0							1.4	6.1
NE	.2	1.2	.8	.2	.0							2.8	6.0
ENE	.7	1.8	1.7	.4	.0							4.5	6.4
E	1.9	5.1	4.7	.7	.0							12.5	6.4
ESE	1.0	4.6	4.2	.1								10.9	6.0
SE	1.3	3.5	4.9	1.1								10.8	7.0
SSE	1.7	3.4	3.8	1.1	.0							10.0	6.7
S	3.5	4.5	1.8	.4								10.2	4.8
SSW	1.5	3.3	1.6	.1								6.5	5.4
SW	.9	2.8	1.6	.2	.0							5.6	5.8
WSW	1.2	2.5	1.7	.3	.1							5.8	5.8
W	1.7	2.4	1.1	.2	.0	.0						5.5	5.2
WNW	.5	.9	.3	.1								1.8	5.1
NW	.5	.5	.2	.1								1.2	4.6
NNW	.2	.3	.1	.0								.7	5.3
VARBL													
CALM												8.8	
	18.5	37.7	29.7	5.1	.3	.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 6754

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	.5	.1		.0						1.9	6.0
NNE	.4	1.1	.9	.2	.0							2.7	6.4
NE	.9	2.2	1.0	.2	.1							5.0	6.1
ENE	.6	2.5	3.1	.5								6.7	6.9
E	2.4	7.4	6.1	.7	.0							16.7	6.1
ESE	1.9	5.4	4.6	.3								12.1	5.9
SE	1.2	3.7	3.7	.7	.0							9.4	6.6
SSE	1.7	3.3	2.9	.8	.0							8.7	6.3
S	2.3	2.8	1.5	.4	.0							7.1	5.1
SSW	1.5	2.2	1.3	.2	.0							5.2	5.3
SW	.7	1.8	1.2	.3	.0							4.0	6.2
WSW	1.0	1.4	.9	.1	.0							3.5	5.4
W	1.0	1.4	.6	.1	.0							3.2	5.1
WNW	.4	.4	.3	.1								1	5.5
NW	.3	.5	.3	.1		.0						1.2	6.0
NNW	.2	.4	.4	.1								1.1	6.1
VARBL													
CALM												10.3	
	17.2	37.2	29.9	5.0	.3	.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 6692

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | SEP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.4	.8	.0							4.0	7.6
NNE	.5	1.3	2.4	2.2	.1	.0						6.6	9.0
NE	.7	2.7	4.7	2.6	.2	.1						11.0	8.6
ENE	.9	3.7	5.1	2.3	.1	.0						12.2	7.9
E	1.7	7.0	8.9	2.0	.1	.0						19.6	7.2
ESE	1.0	4.4	3.5	.4	.0							9.9	6.1
SE	.8	2.8	2.1	.3							.0	6.0	6.3
SSE	.5	1.4	1.2	.3	.0							3.5	6.7
S	1.4	1.1	.6	.2	.0							3.3	4.8
SSW	1.0	1.3	.7	.2								3.2	5.4
SW	.5	1.2	.9	.3								2.9	6.5
WSW	.5	1.0	.9	.3								2.7	6.5
W	1.0	1.4	.7	.2	.0	.0						3.4	5.4
WNW	.6	.8	.3	.1								1.8	4.6
NW	.4	.5	.4	.0								1.3	5.4
NNW	.2	.4	.6	.3	.0							1.6	7.7
VARBL													
CALM												7.1	
	12.7	32.4	34.3	12.6	.7	.2					.0	100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 6507

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	2.3	2.1	.3	.0						6.6	9.4
NNE	.3	1.2	2.2	2.4	.8	.1						7.0	10.8
NE	.5	2.1	4.0	4.7	1.4	.3	.0					12.9	10.8
ENE	.5	2.1	5.1	5.5	1.7	.3						15.2	11.0
E	1.1	4.2	5.8	4.9	1.0	.1						17.1	9.3
ESE	.6	2.0	2.0	.8	.2	.0						5.7	7.6
SE	.4	1.3	1.5	.5	.3	.0						4.0	8.1
SSE	.3	.8	1.2	.6	.2							3.2	8.6
S	.9	1.0	.7	.3	.0							2.9	5.9
SSW	.6	.8	.9	.3								2.6	6.4
SW	.4	.6	.5	.3	.0							1.8	6.6
WSW	.5	.6	.3	.1								1.5	5.1
W	.7	1.3	.8	.2								3.0	5.6
WNW	.8	1.2	1.6	.3								4.0	6.4
NW	.5	1.2	1.4	.5								3.6	6.9
NNW	.6	1.4	1.8	.9	.1							4.7	7.6
VARBL													
CALM												4.2	
	9.2	23.2	32.2	24.2	6.0	.9	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 6730

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.2	3.8	2.7	.6	.0						9.9	9.2
NNE	.4	1.1	2.0	1.6	.3	.0						5.4	9.3
NE	.5	1.2	1.9	1.7	.3							5.6	9.1
ENE	.6	1.5	2.4	2.1	.1							6.7	8.8
E	.7	2.7	3.6	2.1	.0	.0						9.1	8.2
ESE	.8	1.9	1.5	.4	.0							4.6	6.2
SE	.6	2.0	2.0	.3								4.9	6.5
SSE	.3	1.4	2.4	.6	.0							4.7	7.7
S	1.2	1.4	1.1	.4	.0							4.0	5.9
SSW	.7	1.1	1.0	.4	.0							3.3	6.5
SW	.7	.8	1.2	.6	.0							3.4	7.1
WSW	.7	1.2	1.1	.3	.0							3.3	6.1
W	1.3	2.1	1.5	.5	.1	.0						5.6	6.5
WNW	1.2	1.2	1.7	1.1	.3							5.5	7.8
NW	1.0	1.5	2.0	1.9	.4	.0						7.4	8.9
NNW	.7	2.9	3.8	2.8	.4	.0						10.8	9.0
VARBL													
CALM												5.8	
	12.2	20.1	33.4	19.5	2.7	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 6500

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	2.9	2.3	.3	.1	.0					8.8	8.6
NNE	.7	1.8	1.5	.4	.0	.0						4.5	6.7
NE	.8	1.7	.9	.4	.1	.0						4.0	6.5
ENE	.8	1.3	1.1	.4	.2	.2	.0					3.9	8.0
E	1.2	2.5	2.0	1.2	.0							7.0	6.8
ESE	1.0	1.7	1.2	.1								4.1	5.5
SE	.8	2.2	2.4	.6	.0							6.0	6.8
SSE	.7	2.3	3.2	1.3	.0							7.6	7.7
S	1.2	2.1	2.3	1.0	.0							6.6	7.0
SSW	.8	1.2	1.1	.9	.1							4.1	7.3
SW	.6	1.1	1.0	.3								2.9	6.4
WSW	.6	.9	.9	.1	.0							2.5	6.2
W	1.1	1.6	2.0	1.1	.1							5.8	7.3
WNW	.9	1.7	2.1	1.4	.2	.0						6.4	8.1
NW	1.1	2.1	2.5	1.6	.4	.0						7.8	8.1
NNW	1.4	2.9	3.8	2.3	.5	.0						10.9	8.1
VARBL													
CALM												7.0	
	14.9	29.3	30.9	15.5	2.0	.4	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 6710

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-75 YEARS | JAN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	2.2	2.1	.3							7.1	8.8
NNE	.7	1.6	.3	.3								2.9	5.3
NE	1.1	1.6	.3	.6	.3							4.1	7.1
ENE		1.5	.5									2.1	6.3
E	.5	1.6	2.2	.8								5.2	7.2
ESE	.4	.3	.1	.1								1.0	4.7
SE	.3	1.4	.8	1.0								3.4	7.9
SSE	.5	1.5	1.2	.7								4.0	7.0
S	4.0	4.5	2.2	.1								10.8	4.7
SSW	1.0	3.3	1.9									6.2	5.4
SW	1.0	2.1	.5	.1								4.7	4.7
WSW	1.0	.8	.1	.1								2.7	3.8
W	1.5	1.8	1.2	1.0								5.5	6.6
WNW	1.0	2.2	2.1	1.4	.3							6.9	7.7
NW	2.1	1.2	2.9	1.9	.3							8.4	7.7
NNW	1.2	2.6	2.7	3.8	.3							10.7	8.8
VARBL													
CALM												14.4	
	18.7	29.6	21.7	14.3	1.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 729

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.3	2.5	2.3	.3							8.8	8.3
NNE	.3	.6	.4									1.2	5.2
NE	.4	1.7	1.5	.4	.4							4.4	8.2
ENE	.6	1.2	.6									2.3	5.1
E	1.0	1.7	.5	.4								3.9	6.0
ESE	.7	.4	.6	.3								1.9	6.1
SE	.6	.7	1.4	.3								2.9	7.1
SSE	.1	1.2	1.2	.6								3.2	7.6
S	2.6	2.1	1.0	.1								5.8	4.5
SSW	2.8	3.5	1.5	.4								8.1	4.9
SW	1.0	3.0	.6	.4								5.2	5.4
WSW	1.1	1.7										2.8	4.0
W	1.6	1.4	1.0									4.1	4.7
WNW	1.4	2.5	2.2	1.2								7.3	6.6
NW	2.2	1.8	4.1	2.3	.3							10.5	7.6
NNW	1.4	2.1	2.9	5.2	.4	.1						12.2	9.9
VARBL													
CALM												14.9	
	19.2	27.8	22.5	14.1	1.4	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 724

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.5	3.2	2.7	.5							9.8	8.7
NNE	.2	.9	.1	.2								1.5	5.5
NE	.2	1.2	.8	.2								2.2	6.5
ENE	.1	.8	1.3	.5	.4							3.1	8.6
E	.7	.6	.9	.6								2.8	6.9
ESE	.7	.6	.7	.1								2.1	5.6
SE	.5	.4	.9									1.8	6.4
SSE	.7	1.3	1.3	.4								3.7	6.5
S	1.1	2.4	1.8	.5	.1							5.8	6.4
SSW	1.9	3.2	1.8	.2								6.9	5.4
SW	1.1	1.6	.5	.1								3.3	4.4
WSW	.9	1.9	.7									3.5	4.7
W	1.5	1.2	.4									3.1	3.9
WNW	1.9	1.8	2.2	.5								6.4	5.9
NW	2.2	2.7	4.1	1.5	.5							11.1	7.4
NNW	1.6	3.1	6.4	4.1	.4	.1						15.8	8.7
VARBL													
CALM												17.2	
	16.5	29.0	26.7	11.7	1.8	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 849

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.1	4.6	3.7	.3							12.1	9.0
NNE	.2	1.0	1.0	.3	.3							2.8	7.9
NE	.8	1.1	.3	.2								2.4	5.1
ENE	.3	.7	1.9	.4	.3							3.6	8.7
E	1.3	1.6	1.0	.7								4.6	6.2
ESE	.8	.5	.7	.3								2.3	6.0
SE	1.0	1.0	.7	.2								2.8	5.3
SSE	.7	1.4	2.6	.8								5.5	7.3
S	.7	2.0	2.1	1.5								6.2	8.0
SSW	1.2	2.3	2.6	1.6								8.0	7.4
SW	1.0	1.3	1.6	.7								4.6	6.6
WSW	1.6	1.3	.7	.2								4.0	5.2
W	1.6	1.6	1.1	.4	.1							4.9	5.8
WNW	1.0	1.6	.9	.4	.1							4.0	6.4
NW	1.5	1.4	3.6	2.6	.1							10.5	7.9
NNW	1.1	3.7	6.9	3.8	.5							16.1	8.8
VARBL													
CALM												5.5	
	16.2	25.7	32.6	18.0	1.9							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 61-76 YEARS | JAN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.2	5.7	5.4	.3							14.1	9.8
NNE	.3	2.1	3.5	1.5								7.5	7.7
NE	1.0	2.5	2.1	.2	.3							6.1	6.8
ENE	1.2	3.3	2.4	.8								7.7	6.3
E	1.4	3.0	2.4	.2								7.5	5.7
ESE	.9	3.8	1.2	.2								6.1	5.3
SE	.5	2.2	3.4	.4								6.6	7.1
SSE	.4	1.1	3.0	2.1								6.6	8.8
S	.5	.4	1.6	1.1								3.7	8.3
SSW		.3	2.0	2.0								4.9	10.8
SW	.4		1.8	1.2	.1	.1						3.5	10.2
WSW	.2	.4	1.5	.4	.1							2.7	8.6
W	1.2	1.3	1.1	1.2	.3							5.2	7.9
WNW	.7	.7	1.4	1.4	.5							4.7	9.6
NW	.5	.9	.9	1.4	.3							4.1	9.2
NNW	.2	1.5	3.2	2.7	.2							7.9	9.6
VARBL													
CALM												1.1	
	10.9	25.8	37.1	22.8	2.3	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 912

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	3.9	8.3	.3	.2						13.2	11.9
NNE	.5	1.9	4.2	2.0								8.6	8.3
NE	.0	3.8	3.6	.7								8.9	6.8
ENE	1.1	4.0	1.8	.5								7.4	6.0
E	1.8	4.1	2.0	.9								8.7	6.0
ESE	1.8	3.6	1.1	.2								6.7	4.8
SE	.7	4.2	4.0	1.0								9.8	6.8
SSE	.2	1.4	4.8	2.2								8.5	8.9
S	.2	.4	1.1	.4	.1							2.3	8.0
SSW	.1	.5	1.5	.9								3.1	9.0
SW	.2	.5	2.0	1.0	.3							4.1	9.8
WSW	.4	.1	.3	.5								1.4	8.2
W	.3	1.9	2.0	1.5	.2							5.9	9.0
WNW	.3	.9	1.4	2.1	.2							4.9	9.9
NW		.5	.7	.8	.2							2.2	10.6
NNW	.1	.3	1.5	1.4	.3							3.7	10.7
VARBL													
CALM												.8	
	8.7	20.9	35.2	24.5	1.8	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 911

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 57-76 YEARS — JAN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.8	5.3	5.2	.7							15.0	9.5
NNE	.4	2.6	1.8	.6	.2	.2						5.8	7.7
NE	1.2	2.6	.8	.1								4.7	4.8
ENE	1.3	3.1	1.3	1.1								7.0	6.3
E	2.2	3.1	1.4	.4								7.2	5.3
ESE	1.0	1.2	.8	.3								3.3	5.7
SE	1.3	4.6	3.2	.4								10.0	5.9
SSE	1.3	4.4	5.4	.9								12.0	6.7
S	1.5	2.6	.8	.2								5.2	5.0
SSW	.4	.9	.8	.2								2.3	6.8
SW	.3	.7	.7	.3								2.0	7.1
WSW	.2	.7	.4	.6	.1							2.0	7.7
W	.6	2.3	1.9	.6								5.3	6.6
WNW	.2	.7	1.4	1.4								3.7	9.3
NW		.3	.3	.4	.4							1.5	12.6
NNW	.2	1.2	2.4	2.2	.6							6.4	10.1
VARBL													
CALM												6.6	
	13.3	33.8	28.9	15.0	2.0	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 909

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.1	4.6	2.6	.4							12.1	8.5
NNE	1.0	1.1	.6	.4	.2							3.3	6.7
NE	.8	1.4	.8		.2							3.2	5.8
ENE	1.1	1.8	1.0	.4								4.3	5.9
E	1.2	1.3	2.0	1.1								5.6	7.0
ESE	.6	.4	1.3	.3								2.6	7.0
SE	1.7	1.9	1.0	1.1								5.6	6.2
SSE	1.7	3.7	2.8	.1								8.3	5.6
S	3.4	5.2	2.3	.1								11.0	4.8
SSW	1.9	1.5	.9									4.3	4.4
SW	.6	1.2	.5	.1	.1							2.5	5.8
WSW	.9	1.1	.3	.1								2.4	5.2
W	.8	1.9	1.4	1.2								5.3	7.4
WNW	.4	2.1	2.1	.9		.1						5.6	7.8
NW	1.5	.3	1.3	1.1	.1							4.4	7.6
NNW	.8	1.7	3.6	2.2	.4							8.7	9.1
VARBL													
CALM												10.6	
	19.5	29.8	26.0	14.9	1.5	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 907

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 57-74,76 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	2.7	2.1	.6	.2						9.6	8.4
NNE	.5	.8	.2	.5	.3							2.1	8.7
NE	.2	.3	.3	.3								1.8	6.4
ENE	.2		.2	.2								.6	10.3
E	.3	.3	.9	.3								1.8	7.3
ESE	.6	.2	.9	.3								2.0	7.2
SE	1.1	.3	.8	.6								2.7	6.6
SSE	.2	.3	.6	.6		.2						1.8	9.8
S	1.8	4.1	3.5	1.7	.2							11.1	6.9
SSW	1.7	2.9	3.2	.3								8.0	6.0
SW	1.1	2.0	1.2	.8								5.0	6.5
WSW	.5	1.5	1.7	.2								3.9	6.2
W	1.4	3.0	4.2	1.7								10.2	7.3
WNW	1.2	3.2	3.6	3.2	.3							11.4	8.5
NW	.3	2.4	3.0	2.3	.3							8.3	8.9
NNW	.8	2.0	3.9	3.6	.9							11.1	9.9
VARBL													
CALM												8.7	
	13.6	25.4	30.6	18.5	2.6	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 666

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-74,76 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.1	1.6	2.2								7.6	7.9
NNE	1.2	.3	.1	.6								2.2	5.9
NE	.1	.4	.7	.1								1.5	7.1
ENE	.1	.1	.3	.3								.9	8.0
E			.9	.1								1.0	9.1
ESE	.4	.4	1.0	.6								2.5	8.2
SE		.1	.9	.4								1.5	8.8
SSE	.4	.4	.4	.3								1.6	6.3
S	1.9	2.7	2.7	1.8	.3	.1						9.6	7.4
SSW	2.5	2.1	1.6	.3								6.6	5.1
SW	1.8	.9	1.0	.7	.1							4.6	6.3
WSW	1.8	1.5	1.9	.1		.3						5.7	6.6
W	1.5	3.0	2.7	.3								7.5	6.2
WNW	1.2	2.8	3.1	2.1	.3	.1						9.7	8.3
NW	.7	3.0	3.0	2.1	.4							12.2	9.6
NNW	1.0	4.6	5.1	5.1	.3							16.1	8.7
VARBL													
CALM												9.1	
	16.4	24.6	27.5	20.3	1.5	.5						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 670

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0600-0300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	2.0	3.3	.1							8.6	8.5
NNE	.3	.8	.4	.3								1.6	6.5
NE	.3		.9									1.1	6.8
ENE	.4	.5	.4	.5								1.8	6.9
E	.1	.5	.5	.1								1.3	7.3
ESE	.3	.5	.5	.5								1.8	8.2
SE	.4	1.0	.6	.1	.3							2.4	7.2
SSE		.4	.3	.3	.1							1.0	9.0
S	2.4	3.0	2.7	.9	.3	.3						9.5	6.8
SSW	.9	2.2	1.0	.4	.3	.3						4.9	7.3
SW	1.3	1.4	.9	.4								3.9	5.2
WSW	1.4	1.8	.8	.1								4.1	4.8
W	2.7	1.6	2.8	.8	.4							8.2	6.7
WNW	1.1	3.0	2.0	1.5	.4		.1					8.2	7.9
NW	1.3	4.3	3.6	5.5	.3							15.6	8.6
NNW	2.2	2.7	6.2	3.4	.8	.1						15.4	8.7
VARBL													
CALM												10.4	
	16.5	25.8	25.6	18.0	2.8	.6	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 788

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.8	3.4	4.0	.1							12.1	8.5
NNE	.8	1.7	.9	1.2								4.6	7.3
NE	.5	.6	.9	.1								2.1	6.1
ENE	.6	1.2	.7	.2								2.7	5.8
E	1.1	1.2	.8	.6								3.7	6.2
ESE	.5	1.1	.7	.1								2.4	5.8
SE	.8	.5	1.2	.5	.1	.1						3.2	7.7
SSE	.5	.4	1.5	.8		.1						3.1	8.8
S	.5	.7	3.1	2.0		.1	.1					6.6	9.7
SSW	.8	1.7	1.7	1.9	.0							6.6	9.1
SW	1.1	1.7	1.5	.9	.2							5.5	7.6
WSW	.8	.7	1.2	.2								3.0	6.2
W	.9	1.5	1.4	.7	.8	.1						5.6	8.9
WNW	1.3	1.4	3.1	2.0	.6							8.4	8.9
NW	1.1	1.9	3.4	3.1	.2							9.7	8.8
NNW	.8	4.5	5.1	6.2	.2	.4						17.2	9.5
VARBL													
CALM												3.6	
	13.9	23.5	30.8	24.4	3.0	.4	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 844

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	4.3	5.1	.4		.1					12.8	10.0
NNE	.6	2.3	4.6	3.7	.2							11.4	9.0
NE	.1	2.6	2.1	.8								5.7	7.2
ENE	.5	2.7	1.2	.2								4.6	5.7
E	1.5	4.5	2.5	.5								9.1	5.7
ESE	.4	2.0	.6	.5								3.7	6.6
SE	.6	1.1	1.4	1.9		.1						5.1	9.0
SSE	.4	1.2	2.3	1.6	.4							5.9	9.2
S	.4		.6	1.4	.1							2.5	10.8
SSW		.5	.6	1.9	.2							3.4	11.4
SW	.1	.9	1.2	2.3	.2							4.7	10.4
WSW	.2	.5	1.2	1.1	.5							3.4	10.2
W	.5	1.1	2.5	1.4	1.1	.6						7.1	11.6
WNW		.8	2.6	1.9	.9	.1						6.4	11.4
NW	.6	.9	1.3	1.3	.5							4.6	9.3
NNW	.8	1.8	3.7	2.0			.2					8.5	8.8
VARBL													
CALM												.8	
	7.6	24.9	33.2	27.8	4.5	.8	.4					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 843

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	4.1	6.5	.6	.2						12.4	11.4
NNE	.2	.6	4.6	3.7	.2							9.6	10.1
NE	.4	2.5	4.2	1.1								8.1	7.7
ENE	1.0	3.0	2.2									6.1	5.8
E	1.6	4.9	3.2	.4								10.0	6.0
ESE	.8	3.6	1.7	1.1								7.2	6.6
SE	.4	1.9	1.9	1.4	.4							6.0	8.7
SSE	.2	1.1	3.1	3.6	.1							8.1	10.2
S		.8	.4	.6								1.8	6.3
SSW		.6	.8	.8	.1							2.2	9.9
SW		.4	1.6	1.2	.4		.1					3.6	11.4
WSW	.2	.4	1.4	1.9	.4							4.3	10.8
W	.4	1.0	3.7	2.9	1.3	.4						9.6	11.5
WNW	.1	.7	2.2	1.2	.6	.1						5.3	10.5
NW	.2		1.2	.7	.1							2.3	9.5
NNW	.1	.6	.6	1.2	.2	.1						3.1	11.0
VARBL													
CALM												.5	
	5.9	22.8	37.5	28.6	4.4	.6	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.2	4.9	7.0	.6							15.3	10.2
NNE	.7	2.6	3.0	1.2								7.5	7.4
NE	.9	2.2	1.6	.1								4.4	6.1
ENE	.7	2.3	.8									3.8	5.0
E	1.1	2.2	1.4	.7								5.4	6.4
ESE	1.0	1.8	1.1	1.0								5.4	6.4
SE	1.2	2.4	1.7	1.1								6.3	6.7
SSE	1.7	1.9	4.4	3.0	.1							11.1	8.5
S	.8	1.6	1.3	.5	.1							4.3	7.1
SSW	.2	.7	.8	.2	.1							2.2	7.7
SW	.1	.5	.8	.1	.1							1.7	7.9
WSW	1.0	.8	1.0	.5	.2							3.7	8.1
W	.7	2.3	3.3	2.7	1.1							10.2	9.5
WNW	.1	2.2	2.2	1.7	.1							6.2	8.9
NW	.1	.5	.7	.6	.2							2.2	9.9
NNW	.5	.6	1.0	1.8	.2							3.8	9.8
VARBL													
CALM												6.6	
	11.7	20.5	30.0	22.0	3.2							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 837

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12857 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.2	3.5	4.8	.2							13.7	8.5
NNE	.4	1.2	1.3	.2	.2							3.4	7.5
NE	1.1	1.1	.4	.1								2.6	4.7
ENE	.2	.7	.7									1.7	5.9
E	.9	2.8	1.0	.4								4.7	5.9
ESE	1.0	.8	1.4	.1								3.4	6.0
SE	.5	.7	1.1	.2	.1	.1						2.8	8.0
SSE	1.4	1.3	1.9	.8	.1	.1						5.8	7.2
S	3.0	4.3	3.8	.8								12.0	5.9
SSW	1.1	1.7	1.1	.1								4.0	5.2
SW	.7	1.4	.4	.1								2.6	5.3
WSW	1.0	.5	1.4	.4								3.2	6.7
W	1.0	2.3	5.5	3.2	.5							12.5	9.1
WNW	.5	.8	2.2	1.8								5.3	9.0
NW	.2	.5	.8	1.3	.4							3.2	10.1
NNW	.7	2.0	3.0	2.9	.1							8.5	8.8
VARBL													
CALM												10.7	
	15.2	25.5	29.5	17.2	1.7	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 833

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	1.5	1.2	.3							4.7	8.5
NNE	.8	2.0	1.3	.5	.1							4.9	6.7
NE	.9	1.2	.5	.4	.1							3.2	6.2
ENE	1.2	.9	1.2	.8	.1							4.3	7.0
E	1.8	1.9	2.2	1.3								7.2	6.8
ESE	.8	1.1	.5	.4								2.8	5.6
SE	.9	2.3	2.3	1.2	.1							6.9	7.4
SSE	1.2	2.0	3.2	2.0	.3							8.8	8.2
S	3.0	3.0	2.7	1.1	.1							10.5	5.9
SSW	1.2	1.8	1.0	.5								5.1	6.2
SW	.4	.7	1.3	.9								3.4	7.9
WSW	.5	1.9	2.0	1.2								5.7	7.9
W	.5	2.2	5.5	1.1	.4	.1						9.9	8.5
WNW	.9	.5	2.0	1.2	.5	.3						6.1	9.7
NW	.1	.5	1.0	1.3	.1							3.9	10.1
NNW	.7	.5	.8	1.0	.3							3.9	9.4
VARBL													
CALM												8.8	
	16.5	23.6	31.2	17.0	2.6	.4						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 741

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 STATION | PATRICK AFB FL/CUCOA BEACH STATION NAME | 67-75 YEARS | MAR MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	1.2	2.3	.3							6.2	9.3
NNE	.3	1.6	.6	.3								3.8	6.1
NE	.8	.8	.7									2.3	5.1
ENE	.7	1.6	1.1	.7	.1							4.2	6.9
E	1.2	2.2	.7	.8								4.9	6.1
ESE	.7	.5	.8	.5								2.6	6.5
SE	.5	1.1	.6	.6	.1	.1						3.5	8.3
SSE	.8	1.8	2.4	.4	.1							5.5	6.8
S	2.7	3.5	2.3	1.5								10.0	6.2
SSW	1.6	2.7	3.0	.6	.1							8.3	6.9
SW	.3	2.2	1.4									3.8	6.0
WSW	.7	2.4	.7	.4								4.2	5.3
W	.5	1.8	2.6	1.1	.5							6.8	8.6
WNW	1.2	1.9	2.6	1.1	.7							7.4	8.3
NW	.7	2.8	1.5	2.0	.4	.1						7.6	8.6
NNW	.7	.4	1.6	2.3	.3							5.4	10.1
VARBL													
CALM												13.5	
	14.7	29.0	24.5	15.3	2.7	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 739

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.0	2.1	2.3	.1							7.3	8.4
NNE	.5	1.0	.4	.4								2.5	6.2
NE	.3	.6	.3	.2								1.5	6.2
ENE	.9	1.6	.5	.3	.3							3.9	7.2
E	.9	.8	1.6	1.1								4.4	7.7
ESE	.9	1.3	1.3	.8								4.0	6.8
SE	.1	1.6	1.1	.2								3.0	6.7
SSE	.3	1.8	1.2	.5	.1	.1						4.8	7.5
S	1.6	3.5	3.1	1.5	.1							9.7	6.9
SSW	1.3	2.0	2.8	1.1								7.3	6.8
SW	.3	2.1	.7	1.3								4.4	7.4
WSW	.7	2.3	1.5	.4								4.9	6.2
W	.9	2.3	2.9	.7	.2							7.0	7.1
WNW	.4	1.7	1.7	.5	.1	.1						4.8	8.3
NW	.5	.9	2.7	2.3	.5							6.7	9.6
NNW	.4	1.5	4.6	3.5	.7							10.8	10.1
VARBL													
CALM												13.1	
	11.4	28.9	28.7	17.2	2.5	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 895

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.2	2.7	3.1	.5	.1						7.6	10.8
NNE	.7	1.1	2.2	1.3	.2	.1						5.5	8.7
NE	.3	1.7	.7	.5								3.3	6.4
ENE	1.0	2.6	.7	1.5	.1							6.1	7.1
E	2.1	2.8	2.1	1.4								8.4	6.5
ESE	.9	2.6	1.4	.5								5.4	6.2
SE	1.0	2.3	3.0	.9								7.2	6.8
SSE	.4	1.0	2.3	1.6								5.3	8.6
S	.5	.5	3.9	2.5	.1							7.6	9.4
SSW	.5	1.4	2.4	2.8	.4							7.6	9.8
SW	.1	1.4	1.3	1.4	.1							4.3	9.3
WSW	.4	1.2	1.2	1.2								4.0	8.1
W	1.5	2.0	1.7	1.7	.1							7.1	7.4
WNW	.2	.5	1.0	2.2	.1							4.0	10.0
NW		1.3	1.4	2.0	.4							5.1	10.3
NNW	.3	1.6	4.1	2.7	.5							9.3	9.5
VARBL													
CALM												2.2	
	10.0	24.3	32.5	27.5	2.7	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 57-76 YEARS | MAR MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	1.6	2.5	.5							5.7	10.9
NNE	.1	.4	2.8	3.8	.4							7.6	11.2
NE	.2	1.8	4.1	3.1								9.3	9.1
ENE	.1	4.3	2.9	1.3								8.6	7.3
E	1.2	5.0	5.7	1.1								13.0	6.8
ESE	.6	3.0	4.9	.3								10.8	6.6
SE	.2	1.7	5.2	2.6	.1							9.8	9.1
SSE		.3	3.2	3.0								6.6	10.9
S	.1		1.0	.9	.1	.1						2.2	11.8
SSW	.1	.1	.9	.9	.8	.1						2.8	12.4
SW		.4	.5	2.5	.4	.2						4.1	12.9
WSW	.2	.5	1.2	2.1	.6							4.6	11.4
W		.4	.6	2.7	.5	.1						4.5	12.2
WNW	.1	.1	1.4	2.6	.1							5.1	10.8
NW		.3	.5	.8	.1							1.8	10.4
NNW	.2	.5	1.2	1.1	.1							3.1	9.6
VARBL													
CALM												.2	
	3.0	22.1	38.0	31.1	3.9	.9						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 57-76 YEARS | MAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	1.8	1.6	.7							4.2	11.8
NNE		.2	2.2	5.4	.1							7.9	12.0
NE	.3	.8	4.3	3.0	.1							8.6	9.7
ENE	.4	3.1	5.3	1.8								10.7	7.2
E	.5	5.7	5.0	.8								12.0	6.7
ESE	.3	4.9	3.0	.3								9.3	6.6
SE	.1	2.5	7.0	3.1	.1							13.4	9.1
SSE	.2	.8	4.4	5.5	.4							11.4	10.7
S		.3	.5	.9								1.7	10.3
SSW				.9	.1	.1						1.1	14.3
SW			.5	1.5	.7	.2						2.9	14.6
WSW			1.1	1.7	1.1	.1						4.0	13.8
W		.3	2.0	3.9	.8	.1						7.0	12.8
WNW		.2	1.0	1.3	.2							3.7	11.3
NW		.1	.2	.3								.7	10.2
NNW	.1	.3	.3	.2								1.1	9.7
VARBL													
CALM												.2	
	2.1	19.4	40.7	32.5	4.6	.2						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 923

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	2.3	1.9	.4							5.7	10.4
NNE	.1	.8	3.5	2.5	.4							7.3	10.4
NE	.1	2.1	2.0	.8								5.0	7.8
ENE	.5	2.1	3.1	1.0	.1							7.4	8.2
E	2.3	4.2	2.3	.9	.2							9.9	6.1
ESE	1.1	3.7	1.2	.2								6.2	5.4
SE	.7	4.8	6.8	2.0								14.2	7.6
SSE	.5	2.5	6.9	4.9	.1							14.9	9.1
S	.2	1.1	2.4	1.2	.2							5.1	8.8
SSW	.2	.3	.5	.3	.1							1.5	8.6
SW		.7	1.1	1.0	.2							2.9	9.9
WSW		.4	1.2	1.6								3.3	10.2
W	.2	2.1	2.5	3.3	.8							8.8	9.9
WNW	.1	.3	1.5	1.2	.3							3.5	10.9
NW		.3	.6	.2		.1						1.1	10.1
NNW		.1	.2									.3	6.0
VARBL													
CALM												2.3	
	6.1	26.4	38.7	23.5	2.9	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 918

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.1	3.5	1.8	.1							8.3	7.9
NNE	.7	1.7	1.3	.7								4.4	6.9
NE	.7	.9	1.2	.8	.4							4.0	8.5
ENE	.4	1.2	1.9	1.9	.1							5.6	9.4
E	1.7	2.0	2.6	.8								7.1	6.5
ESE	1.9	1.5	.9	.4								4.7	5.3
SE	1.1	3.8	3.8	1.1								9.9	6.7
SSE	1.1	3.0	5.2	2.7								12.0	7.9
S	1.6	3.1	4.3	1.9								11.1	7.1
SSW	1.0	1.1	1.0	.2								3.4	5.6
SW	.2	.9	1.2	.7	.1							3.1	8.4
WSW	.4	1.5	1.2	1.2	.1							4.5	7.9
W	.6	1.7	4.1	2.1	.4	.1						9.1	9.2
WNW	.3	1.0	1.5	1.3	.2							4.4	9.2
NW	.3	.2	.4	.4								1.5	8.2
NNW		.6	.6	.2	.1							1.5	8.0
VARBL													
CALM												5.6	
	13.1	26.3	34.8	18.4	1.7	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.6	.3								3.0	7.7
NNE	.1	.1	.1	1.0	.1							1.6	11.5
NE		.9	2.1	.7	.1							3.9	8.7
ENE	.3	.1	.9	2.7	.7							4.8	12.1
E	.7	2.4	2.8	3.7	.3							10.0	9.0
ESE	.7	2.2	3.4	1.6								8.0	8.0
SE	.3	1.9	3.1	1.2								6.6	7.6
SSE	.7	1.3	1.9	.7								4.8	7.1
S	2.6	5.2	6.1	.7								14.6	6.2
SSW	1.3	2.8	2.8	.9								8.3	6.4
SW	1.9	2.2	2.2	.6								7.0	5.9
WSW	.1	1.9	1.6	.3								4.0	6.8
W	1.5	2.8	5.6	.9								11.8	7.3
WNW	.3	1.6	1.9	.9								4.8	7.7
NW	.1	.3	.6	.3								1.3	8.0
NNW	.1	.4	.4	.6								1.6	8.2
VARBL													
CALM												3.9	
	11.6	27.4	38.5	17.3	1.3							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 671

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12857 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	1.3	.6								3.1	7.7
NNE	.3	.3	.3	.3								1.2	7.6
NE		.6	1.9	.9								3.4	9.3
ENE		1.3	1.6	2.4	.6							6.1	10.6
E	.7	1.8	2.2	2.4	.3							7.4	8.9
ESE	.6	1.2	3.1	1.2								6.1	8.4
SE	.3	2.1	1.9	.6								4.9	7.2
SSE	.4	1.8	1.9	1.0								5.2	7.4
S	1.5	2.9	2.4	.7								10.8	5.9
SSW	1.3	3.3	1.6	.9								7.1	6.1
SW	1.5	2.1	3.1	.7								7.6	6.6
WSW	1.3	3.7	1.5	.1								6.7	5.5
W	.7	4.5	4.5	.1								9.8	6.4
WNW	.9	2.2	2.4	.9								6.4	6.8
NW	.6	1.5	1.2	1.2								4.5	7.3
NNW	.6	.4	.9	1.0								3.0	8.8
VARBL													
CALM												6.7	
	11.4	34.7	32.1	15.2	.9							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 673

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.0	2.1	1.4	.2							5.5	8.3
NNE		.6	.3	.6								1.5	8.8
NE	.2	.8	1.2	1.5	.3							4.0	10.1
ENE	.3	1.8	1.7	1.8	.2							6.0	8.8
E	.7	1.6	3.1	3.1	.2							8.8	9.2
ESE	.5	.9	2.2	.9								4.5	8.1
SE	.5	.9	2.1	.5								3.9	7.6
SSE	.1	1.5	2.2	1.2								5.0	8.2
S	2.0	2.9	2.5	1.2								8.6	6.1
SSW	2.1	3.8	2.1	1.0	.1							9.1	6.2
SW	1.5	2.2	1.6	.5								5.8	6.1
WSW	1.0	2.8	2.5	.5								7.3	6.0
W	1.4	3.5	1.5	.1								6.5	5.3
WNW	.7	2.8	1.4	.2								5.1	6.0
NW	.7	1.5	2.1	1.4	.2							5.9	8.3
NNW	.2	2.3	1.8	2.0								6.4	8.1
VARBL													
CALM												6.1	
	13.3	31.0	30.5	17.7	1.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 865

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.7	2.0	.1	.7						5.0	10.5
NNE	.2	1.7	1.7	2.3	.3							6.3	9.6
NE	.3	1.8	2.0	1.5	.2							5.8	8.6
ENE	.8	2.9	3.6	1.7	.3							9.3	8.2
E	.6	2.9	4.5	4.4								12.3	8.9
ESE	.3	2.3	3.7	.8								7.2	7.6
SE	.2	2.0	3.8	.7								6.7	7.8
SSE	.3	.4	3.2	2.3	.2							6.6	9.8
S		.9	1.6	2.2	.7							5.1	10.5
SSW	.6	.9	2.0	1.3	.1							4.9	8.4
SW	.1	1.1	2.2	1.1	.6							5.4	9.5
WSW	.2	2.2	2.8	1.2	.2							6.7	8.3
W	.9	1.8	2.0	.7								5.4	6.7
WNW	.2	1.7	1.2	.3								3.5	6.8
NW		1.0	1.2	.6	.1							2.9	8.3
NNW	.3	1.3	3.0	1.5								6.7	8.3
VARBL													
CALM												.8	
	5.3	26.0	40.7	24.6	3.5	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 894

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	1.2	1.1	.1							2.7	10.7
NNE		.3	2.0	3.9	.6							6.8	12.1
NE		1.3	3.7	3.1	.1							8.3	9.9
ENE		2.0	5.0	2.3	.4							10.4	9.3
E	.2	5.4	11.3	4.9	.1							21.9	8.6
ESE	.2	2.5	10.3	1.1	.1							14.2	8.2
SE	.1	1.0	6.2	2.7								10.0	9.4
SSE		.1	2.1	3.1	.6							5.9	12.1
S			.6	.7	.2							1.7	12.1
SSW		.1	.4	.1								.7	9.3
SW		.2	1.0	.7	.4	.1						3.0	11.2
WSW	.1	.2	1.9	1.1	1.2							4.6	11.9
W	.1	.2	2.4	2.1	.1	.1						5.6	10.5
WNW		.3	.3	.4								1.1	9.1
NW	.1	.2	.4	.2								1.0	7.8
NNW		.6	.6	.7								1.8	9.3
VARBL													
CALM												.3	
	1.0	14.7	51.3	28.4	4.0	.2						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 894

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 STATION | PATRICK AFB FL/CUCOA BEACH STATION NAME | 67-76 YEARS | APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.7	1.1	.2							2.0	12.6
NNE	.1	.2	1.7	5.4	.3							7.7	12.2
NE		.7	4.7	3.1	.2							8.7	10.1
ENE	.3	2.0	3.3	2.9								9.1	9.0
E	.3	2.8	12.2	3.9	.1							19.3	8.9
ESE	.1	2.0	7.0	1.9	.1							11.2	8.6
SE		1.7	9.3	4.7	.2							16.2	9.7
SSE		.4	2.7	6.5	1.1							10.7	12.3
S			.6	.2								1.0	9.6
SSW		.3	.7	.4								1.5	9.2
SW		.1	.7	.4	.2							1.5	11.6
WSW		.4	1.0	1.0	.0							3.6	11.4
W	.1	.4	1.3	1.9	.4	.2						4.9	11.3
WNW			1.3	.8								2.1	9.9
NW	.1		.1	.1								.3	9.0
NNW				.2								.2	13.0
VARBL													
CALM													
	1.1	11.2	49.3	34.0	3.0	.2						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 895

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	1.5	2.0								3.7	10.8
NNE		.4	2.9	2.2	.3	.2						6.2	11.1
NE		.8	2.0	1.0	.2							5.2	10.1
ENE	1.0	2.1	2.9	2.6								8.6	8.7
E	1.0	3.7	6.4	3.8								15.5	8.2
ESE	1.7	3.9	3.7	1.7								10.5	7.3
SE	.3	2.6	6.2	2.6								11.7	8.6
SSE	1.2	1.9	9.6	8.7	.4							22.0	10.0
S	.7	.6	1.2	.2								2.7	6.6
SSW		.2		.3								.6	10.0
SW		.2	.2	.4								.9	10.5
WSW	.1	1.0	1.0	.3	.1							2.6	7.8
W	.1	2.4	2.1	1.3	.1							6.1	8.4
WNW	.1	.4	.9	.8								2.2	9.3
NW		.1	.2	.1								.4	7.8
NNW			.1									.1	8.0
VARBL													
CALM												1.1	
	6.4	20.6	41.0	28.2	1.2	.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.7	.6								3.5	7.7
NNE	.1	.8	1.1	1.9	.1	.1						4.2	11.0
NE		1.1	2.3	1.4								4.8	9.1
ENE	.4	1.7	2.3	2.1	.1							6.5	9.0
E	1.2	2.4	5.2	4.4	.2							13.5	9.0
ESE	1.2	2.6	2.7	2.1								8.7	7.5
SE	1.0	3.6	4.0	1.2								9.8	7.1
SSE	.3	3.0	5.7	2.6	.2							12.0	8.4
S	2.3	3.5	5.6	2.1	.1							13.6	7.2
SSW	1.0	1.1	1.2	.4								3.6	6.1
SW	.2	1.0	.6	.5	.1							2.4	7.8
WSW	.5	1.4	2.0	.5								4.4	7.2
W	1.3	2.1	3.1	1.2								7.7	7.5
WNW	.4	.7	.6	.4								2.3	7.4
NW			.4									.4	8.3
NNW			.1		.2							.4	15.0
VARBL													
CALM												2.5	
	9.9	25.7	38.8	21.8	1.2	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 840

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.5	.4	.8	.5							4.5	7.9
NNE	.9	.5	.2	.6								2.2	6.4
NE	.2	1.2	1.4									2.3	6.3
ENE		.8	2.0									2.8	7.2
E	.2	2.2	2.8	4.3	.6							10.7	10.0
ESE	.8	1.2	5.3	2.3								9.6	8.5
SE	.2	1.5	5.7	2.5								10.0	8.6
SSE	1.1	1.5	2.6	1.5								6.8	7.7
S	3.1	5.9	4.2	1.1								14.2	6.1
SSW	3.2	4.0	2.0	.4								9.6	4.9
SW	.9	1.5	2.2	.9								5.6	7.3
WSW	.9	2.2	1.4	.9								5.4	6.6
W	1.4	2.3	.5	.2								4.3	4.6
WNW	1.2	1.5	.9									3.6	4.6
NW	.3	.5	.9	.3								2.0	7.6
NNW	.2	.3	.3	.2								.9	7.2
VARBL													
CALM												5.1	
	16.9	28.7	32.9	15.8	1.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 647

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEAR) MAY (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	.6	.9	.3							4.8	7.4
NNE	.8	.5	.8	.2								2.2	5.7
NE	.3	1.2	1.4	.3								3.2	6.8
ENE	.6	.8	.6	.6								2.9	7.0
E	.9	1.4	3.4	3.2	.2							9.1	9.2
ESE	.2	1.5	4.5	2.6								8.8	9.1
SE		1.2	4.1	1.5								6.9	8.9
SSE	.6	.8	1.4	1.2								4.1	7.9
S	2.6	4.0	2.6	1.1								10.6	5.8
SSW	2.2	3.2	2.5									7.8	5.2
SW	1.7	3.1	2.2	.2								7.1	5.5
WSW	1.7	2.6	1.6	.9								6.8	5.8
W	2.3	3.7	1.2									7.2	4.5
WNW	1.1	2.0	.6	.3								4.0	5.3
NW	.6	.8	1.2	.6								3.4	7.0
NNW	.3	1.1	1.4	.2								2.9	6.9
VARBL													
CALM												8.3	
	17.5	29.5	30.7	13.5	.5							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 651

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.0	.6								5.2	7.1
NNE	.4	.9	.9	.3	.1							2.6	6.8
NE	.3	1.6	.7	.2								2.6	5.6
ENE	.4	1.3	.8	1.0								3.5	7.3
E	1.0	1.3	2.7	2.4	.1							7.5	8.5
ESE	.2	2.4	2.7	1.5	.1							7.2	8.1
SE	.3	1.7	2.0	.8								4.8	7.4
SSE	.9	1.5	2.0	1.7								7.0	8.1
S	1.3	2.2	3.7	.3								7.5	6.7
SSW	1.0	3.6	2.5	1.1								8.8	6.5
SW	1.1	2.5	2.2	.3								6.1	6.0
WSW	1.4	2.5	2.3	.4								6.6	6.0
W	2.8	4.1	2.2	.1								9.2	4.9
WNW	1.1	2.0	.5									3.6	4.8
NW	1.4	2.1	2.1	.3								5.9	5.9
NNW	.4	1.3	1.5	1.0								4.2	7.7
VARBL													
CALM												7.7	
	15.7	32.7	31.3	12.3	.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 960

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	1.3	1.1	.2							3.7	9.4
NNE	.9	1.6	2.7	1.5								6.7	7.7
NE	.5	1.1	2.2	.6	.2							4.7	8.1
ENE	1.1	2.4	2.1	1.3								6.8	6.8
E	1.8	6.1	4.3	3.5	.1							14.9	7.7
ESE	.4	3.0	4.9	2.2								10.5	7.9
SE	.1	1.7	2.6	1.2								5.8	8.5
SSE	.2	.9	3.4	3.4								7.8	9.7
S	.3	1.1	1.6	.8								4.0	8.1
SSW	.1	.6	1.6	1.1	.1							3.5	9.5
SW	.5	1.1	3.6	1.1	.3							6.6	8.9
WSW	.9	2.4	2.5	.8	.2							6.7	7.5
W	1.8	3.0	1.8	.9								6.7	5.9
WNW	.9	1.2	.9	.1								3.0	5.6
NW	.8	1.4	1.2	.5	.1							4.0	6.8
NNW	.2	1.0	1.3	.2	.1							2.8	7.2
VARBL													
CALM												1.6	
	9.8	29.5	37.4	20.1	1.4							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 924

ETAC/USAF FORM

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	.2	.7	.3							1.5	11.6
NNE			2.4	3.6								6.0	11.4
NE	.1	1.1	4.2	3.0	.1							8.5	9.7
ENE	.4	1.2	5.0	.8	.1							7.5	8.1
E	1.0	6.1	11.0	4.9								23.6	8.3
ESE	.2	3.7	10.0	3.4								17.3	8.5
SE		1.7	4.5	3.3	.2							10.0	9.7
SSE	.1	.9	1.7	4.1	.2							7.1	10.9
S	.1	.2	.7	.3								1.3	8.6
SSW	.1	.2	.2	.9		.1						1.8	11.2
SW	.1	.5	.9	.9	.1							2.5	9.8
WSW	.2	.9	2.4	1.3								4.8	9.0
W	.1	1.3	1.5	.7	.1							3.7	8.4
WNW	.4	.4	1.1	.2		.1						2.3	8.1
NW	.1	.1	.2	.3								.8	8.3
NNW	.1	.3	.2	.3								1.0	8.2
VARBL													
CALM												.4	
	3.1	19.0	47.4	28.0	1.2	.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 921

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.8	.4	.2							1.7	10.6
NNE	.2		1.3	3.2	.2							5.1	11.8
NE		.3	5.8	3.4	.2	.1						9.8	10.3
ENE		1.0	4.7	1.5		.1						7.5	9.1
E	.5	3.4	11.5	4.7								19.9	8.9
ESE	.3	3.7	7.5	4.0								15.5	8.5
SE	.1	3.2	7.1	4.9	.1							15.3	9.3
SSE		1.1	3.8	5.5	.9							11.3	11.4
S	.3	.8	.6	.4								2.3	7.8
SSW	.2	.3	.5	.5								1.6	8.5
SW	.1	.2	.3	.4		.1						1.2	10.6
WSW	.1	.7	1.2	.5	.1							2.6	8.9
W	.2	.7	1.4	1.6	.2							4.1	10.2
WNW	.1		.1	.3								.5	10.2
NW		.1		.1								.2	10.0
NNW		.2	.1	.1								.4	7.8
VARBL													
CALM												.8	
	2.4	15.8	47.1	31.7	2.0	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 920

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

1000-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2	.3	.7	.2							1.7	10.0
NNE	.3	.9	3.0	1.9								6.0	9.2
NE	.2	2.0	3.5	1.3								7.0	8.4
ENE	.7	.7	3.0	.7	.1							5.0	8.0
E	2.1	3.2	8.0	2.8	.4							16.5	8.2
ESE	1.1	4.0	5.5	2.7	.1							13.4	8.0
SE	.8	3.7	7.3	2.0	.1							13.9	8.0
SSE	.2	2.1	7.3	5.6	1.1							16.7	10.5
S	.5	2.1	2.5	1.8		.1						6.9	8.1
SSW	.4	.7	.8	.2								2.1	6.5
SW	.1	.4	.2	.1								1.0	7.2
WSW		.3	1.0	.7	.1							2.1	9.5
W	.7	.9	1.1	1.2	.2							4.0	8.6
WNW	.1	.2	.7	.1								1.1	7.8
NW		.2										.2	4.5
NNW		.3	.1									.4	5.8
VARBL													
CALM												1.9	
	7.5	21.9	44.3	22.0	2.4	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.7	.3								2.8	8.2
NNE	.4	.5	1.1	.7	.2							2.9	9.1
NE	.0	2.2	1.3	.1								4.7	6.3
ENE	.3	1.7	1.9	.3	.2							5.3	7.2
E	1.1	1.6	5.4	3.7								11.8	9.0
ESE	1.1	3.5	3.2	3.0								10.8	8.0
SE	.8	3.4	5.9	1.7								11.8	7.5
SSE	1.2	3.1	5.7	3.0	.2							13.2	8.4
S	2.3	4.3	4.7	1.3								13.1	6.4
SSW	.7	3.4	1.9	.6								6.6	6.5
SW	.4	.7	.3	.5								2.4	7.0
WSW	.4	1.2	1.2	.6								3.4	7.7
W	1.3	1.6	1.0	.1								4.0	5.4
WNW	.4	.7	.4	.2								1.7	5.9
NW	.1	.4	.1									.6	5.4
NNW			.1									.1	10.0
VARBL													
CALM												4.8	
	12.0	28.8	36.0	17.1	.7							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 331

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-73 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8		.2								1.3	4.6
NNE	.8	.5										1.3	3.0
NE	.8	1.1										1.9	3.6
ENE	1.8	1.3	.8	.2								4.0	4.4
E	1.0	3.0	3.5	1.3	.5							9.3	7.9
ESE	1.1	4.0	2.9	.8	.5	.4						9.3	7.3
SE	1.1	1.9	1.8	1.1								5.9	7.2
SSE	1.0	2.6	2.9	.3								7.3	6.1
S	3.4	5.9	.8	.5								10.5	4.6
SSW	2.1	4.2	2.2	.8								9.1	5.7
SW	1.3	4.0	4.3	1.4	.2							11.2	7.1
WSW	1.1	3.0	4.0	.5	.2							8.8	6.6
W	1.9	2.7	3.0	.5								8.1	5.9
WNW	.3	1.1	.3									1.9	4.7
NW	.2	.3	.2									.6	5.0
NNW	.2	.2										.3	4.5
VARBL													
CALM												9.1	
	19.0	30.6	28.7	7.2	1.3	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 626

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73,75-76 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.6	.3									1.9	4.1
NNE	.3	1.1	.2									1.6	4.9
NE	.5	1.0	.3									1.8	4.5
ENE	1.4	.6	.8									2.9	4.3
E	2.1	2.5	2.7	1.7	.3	.2						9.5	7.9
ESE	1.1	1.7	1.1	.3								4.3	5.7
SE	1.0	2.9	1.1	.6		.2						5.7	6.4
SSE	2.4	.6	.8		.2							3.8	4.6
S	3.5	3.8	.6	.2								8.1	4.2
SSW	2.5	4.0	1.3	.3								8.1	4.9
SW	2.4	4.0	4.1	1.6	.2							12.2	6.8
WSW	2.1	3.0	4.0	1.1								10.2	6.5
W	2.2	4.3	1.0	.3								7.8	4.7
WNW	1.4	1.9	.3									3.7	4.0
NW	.8	1.3	.3									2.4	4.3
NNW	.2	.6										.8	4.6
VARBL													
CALM												14.9	
	25.1	34.0	18.8	6.2	.8	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 629

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.6	.4									3.0	4.3
NNE	.7	1.6	.4	.1								2.8	5.6
NE	.6	.9	1.3	.9								3.9	7.1
ENE	1.1	1.5	.7	.6								3.8	5.9
E	1.3	2.5	2.0	1.5	.3							7.9	7.5
ESE	1.1	1.5	.3	.4								3.8	6.1
SE	1.3	1.3	.3	.4		.3						3.9	6.9
SSE	1.0	.4	.7	.4								2.6	6.3
S	3.0	2.7	1.3		.2							7.4	4.9
SSW	1.3	3.0	1.3	.3	.1							6.5	5.6
SW	.9	3.5	3.1	.3								7.9	6.4
WSW	1.8	4.3	4.3	.9	.2							11.4	6.7
W	2.7	7.5	1.3	.1								11.7	4.7
WNW	1.9	2.2	.1									4.3	3.6
NW	.8	.7	.8									2.2	5.2
NNW	.3	1.8	.7									2.8	5.4
VARBL													
CALM												14.0	
	21.8	38.9	20.8	6.1	.9	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 891

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.6	.4	.1							2.2	7.8
NNE	.7	1.1	1.3									3.4	5.9
NE	.4	2.9	2.7	1.0								7.3	7.2
ENE	1.1	3.0	2.6	.5								9.3	5.9
E	3.1	7.7	3.7	2.4	.3							17.1	6.5
ESE	1.3	3.2	2.6	.9								11.1	5.9
SE	.3	2.1	1.3	.7	.2							4.8	7.6
SSE	.4	1.6	1.0	.6								3.6	7.1
S	.6	1.2	.8	.2	.1							3.1	6.2
SSW	.5	.3	.6	.7	.1	.4						2.5	9.3
SW	.6	1.1	1.9	.3	.3	.1						4.6	8.1
WSW	1.3	3.0	3.4	1.4	.2							9.6	7.0
W	1.3	2.7	2.7	1.6								8.3	6.5
WNW	.3	2.6	.4	.2								4.1	5.2
NW	.7	1.1	.7	.1								2.6	5.2
NNW	1.3	1.9	1.1	.1								4.5	5.0
VARBL													
CALM												2.0	
	16.9	41.4	27.7	10.1	1.6	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 894

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1		.7	.2	.3							1.3	11.5
NNE	.1	.1	1.1	.6	.2							2.4	10.4
NE		1.0	4.7	1.9	.1							7.8	9.3
ENE	.1	2.4	8.2	1.7								12.4	8.1
E	1.1	10.1	13.4	3.3	.4							28.3	7.7
ESE	.5	5.6	8.9	1.0								16.1	7.2
SE	.3	1.8	4.3	.9								7.3	7.8
SSE	.1	1.7	2.2	1.9	.3							6.3	9.3
S		.6	.5	.2								1.2	8.4
SSW	.2	.2	.4	.6	.1							1.6	9.5
SW	.1	.7	1.3	1.1	.4	.1						3.8	10.6
WSW	.1	2.0	.7	1.7	.1							4.8	8.7
W	.7	1.1	.8	1.0								3.6	7.5
WNW	.3		.5	.3	.1							1.6	9.1
NW	.1	.2	.1									.4	4.5
NNW		.2	.2									.4	7.0
VARBL													
CALM												.6	
	4.0	27.8	48.6	16.6	2.2	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 889

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12857 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.4	.4	.2	.1						1.3	12.7
NNE		.2	.3	.9	.2							2.2	11.0
NE	.1	1.7	3.1	1.7								6.6	8.8
ENE	.2	1.5	5.5	1.9								10.1	8.4
E	.4	5.6	13.7	3.4	.6							21.6	8.8
ESE	.1	3.9	7.6	1.5								13.1	8.0
SE	.4	2.6	7.6	1.7								12.3	8.1
SSE	.3	2.2	3.7	3.3	.1							9.6	9.1
S	.4	1.0	2.6	.9								5.3	7.9
SSW	.1	.9	1.0	.4	.1							2.6	7.7
SW	.1	1.0	1.1	.7	.4							3.4	9.6
WSW	.2	1.0	2.1	1.8								5.2	9.3
W	.2	.6	.4	1.5	.1							2.7	9.8
WNW		.3	.2	.3	.2							1.1	10.7
NW		.1	.2		.1	.1						.6	14.0
NNW	.2	.1	.1	.1	.1							.7	8.8
VARBL													
CALM												1.6	
	3.1	20.9	51.7	20.4	2.2	.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 892

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUN MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.2	.5	.2							1.4	10.8
NNE	.2	.8	1.2	.7								2.9	8.2
NE	.7	.9	2.7	.9								5.2	7.7
ENE	.3	1.7	3.3	.7								6.0	7.5
E	.9	4.4	6.7	2.9	.2	.2						15.3	8.4
ESE	1.0	2.3	6.2	.9	.1							10.5	7.5
SE	1.2	2.9	6.5	.1	.1							10.9	7.2
SSE	.9	3.3	4.0	2.0								11.0	7.6
S	1.7	3.8	4.2	1.4								11.0	6.8
SSW	.8	1.9	2.0	.2								5.0	6.4
SW	.6	.9	1.6	1.0	.2							4.3	8.7
WSW	.9	.9	2.4	.9	.1							5.2	7.9
W	.6	1.2	.7	.6	.1							3.2	7.1
WNW	.1	.2	.7	.2								1.2	7.9
NW	.2	.3	.2	.1								.9	5.9
NNW	.3	.7	.2	.2		.1						1.6	6.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.4	
	10.6	26.6	43.6	13.3	1.1	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.9	.6	.2								2.4	6.3
NNE	1.0	1.0	.1									2.1	3.7
NE	.6	1.1	.2									2.0	4.7
ENE	.4	1.4	2.7	.1								4.6	6.7
E	1.7	4.6	4.0	2.0	.1							12.4	7.2
ESE	1.1	3.4	4.6	.6	.4							10.1	7.3
SE	.9	2.4	4.0	.7								8.8	6.9
SSE	1.0	4.5	4.3	.5	.1							10.4	6.8
S	3.2	5.0	2.4									10.6	4.8
SSW	1.4	3.0	2.2	.5								7.1	6.0
SW	1.0	2.4	2.9	.6								6.8	6.7
WSW	.2	2.4	2.5	.9								6.0	7.3
W	1.1	1.1	1.9									4.1	5.5
WNW	.1	.5	.5	.4								1.5	7.8
NW	.5	.6	.1									1.2	4.3
NNW	.1	.4	.1	.1								.7	7.0
VARBL													
CALM												9.2	
	15.0	34.4	34.0	6.7	.6							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 805

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3											.3	3.0
NNE	.6											.6	2.0
NE	1.1	.5	.5									2.0	4.1
ENE	.3	.5	.2									.9	4.0
E	1.5	1.7	2.2	.3								5.7	6.0
ESE	1.2	3.2	1.4	.3								6.2	5.5
SE	2.9	2.9	2.9	.2								9.0	5.3
SSE	2.6	4.0	2.6	.5								9.7	5.6
S	7.1	7.4	2.5	.3								17.3	4.3
SSW	2.0	4.5	2.2	.2								8.8	5.2
SW	1.2	3.9	2.5	.5								8.0	6.0
WSW	1.1	3.7	1.5									6.3	5.3
W	1.4	3.2	1.1	.2								5.9	5.0
WNW	1.2	1.9	.2									3.2	3.6
NW	.6	.9	.2									1.7	3.9
NNW		.5	.2									.6	5.5
VARBL													
CALM												13.7	
	25.3	38.7	19.9	2.3								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 648

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-75 (YEARS) JUL (MONTH)

ALL WEATHER (CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.3										1.4	3.1
NNE	.3	.3										.6	3.3
NE	.6	1.4										2.2	3.6
ENE	.3	.8	.5									1.7	4.6
E	1.4	1.7	2.3	.3								5.9	6.1
ESE	2.2	1.5	1.4									5.1	4.6
SE	1.4	1.8	.8									4.0	4.6
SSE	1.7	2.6	1.1									5.4	4.7
S	8.9	7.2	1.1	.2								17.4	3.6
SSW	3.9	5.4	1.4									10.6	4.4
SW	2.2	5.1	2.5	.2								9.9	5.2
WSW	2.0	2.3	2.0									6.3	5.0
W	2.5	3.4	1.4									7.2	4.3
WNW	.6	.6	.3									1.5	4.2
NW	1.7	.3										2.0	2.6
NNW	.2	.2										.3	3.5
VARBL													
CALM												18.5	
	31.1	35.0	14.3	.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 649

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — JUL MONTH

ALL WEATHER CLASS

0000-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.4	.2	.1								1.5	4.4
NNE	1.0	1.0	.3									2.3	4.1
NE	.4	1.5	.6	.2								2.8	5.7
ENE	.6	.9	1.1	.1								2.7	6.0
E	2.4	2.5	1.6	.3								6.8	5.0
ESE	1.5	1.9	.2									3.7	3.9
SE	1.2	2.6	.9									4.6	5.0
SSE	2.2	2.0	.9									5.1	4.1
S	5.6	6.4	1.0									12.9	3.9
SSW	2.3	6.4	1.9									10.6	5.0
SW	1.0	6.1	1.4									8.5	5.1
WSW	1.8	4.4	2.7	.2								9.2	5.4
W	3.0	4.3	.5									8.4	3.9
WNW	.4	1.1										1.5	3.8
NW	.3	.5										.9	4.3
NNW	.6	.4										1.1	3.6
VARBL													
CALM												17.5	
	25.7	42.5	13.4	1.0								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING BRANCH
CTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.4									.9	5.9
NNE		1.4	.4	.1								1.9	6.3
NE	.9	2.3	1.1	.2								4.4	5.7
ENE	1.1	4.3	1.8	.3								7.6	5.6
E	3.6	10.3	3.5	.8	.1							18.5	5.4
ESE	2.4	6.2	3.0									11.6	5.3
SE	1.0	3.5	3.0	.4								7.9	6.2
SSE	.4	3.1	2.2	.3								6.1	6.4
S	.5	2.4	.5	.2								3.7	5.7
SSW	.8	3.9	2.4									6.9	6.0
SW	1.3	1.8	2.3	.1								5.5	5.9
WSW	2.7	3.7	2.8	.2								9.2	5.3
W	2.4	3.8	2.3									8.4	4.9
WNW	.8	1.6	.4									2.8	4.5
NW	.6	.9	.1	.1								1.7	4.5
NNW	.1	.6										.8	4.0
VARBL													
CALM												2.1	
	18.4	50.2	26.4	2.8	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 924

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1			.1								.2	8.5
NNE		.3	.2	.3	.1							1.0	10.1
NE	.1	1.2	1.5	.3								3.1	7.1
ENE	.3	2.5	4.6	.6								8.1	7.3
E	1.6	11.8	13.4	1.1								27.9	6.7
ESE	1.3	8.2	12.9	.2								22.6	6.8
SE	.4	3.0	9.8	.9								14.1	7.9
SSE	.1	1.4	2.9	1.2								5.6	8.4
S	.4	.8	.5	.4								2.2	7.2
SSW	.4	.6	1.2	.4								2.7	7.3
SW	.2	1.3	1.8	.4	.1							3.9	7.9
WSW		1.2	1.0	.2	.1							3.1	8.0
W	.3	1.1	.9	.3	.2							2.8	7.5
WNW	.1	.3	.1									.5	5.4
NW	.2	.2	.1									.5	4.2
NNW	.2	.2	.2	.1								.8	6.1
VARBL													
CALM												.9	
	5.0	34.2	51.9	6.6	.5							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.8	.3	.1							1.5	9.1
NNE	.2	.2	.7	.4								1.5	8.6
NE	.1	.7	1.5	.2	.2							2.7	8.4
ENE	.4	1.5	2.1	.9								4.9	7.4
E	.8	5.4	9.6	1.3								17.1	7.4
ESE	1.7	5.0	10.2	.1								18.0	6.6
SE	1.2	3.9	9.3	4.8								19.2	8.4
SSE	.7	3.3	5.4	4.0								13.3	8.6
S	.7	1.6	2.6	.6								5.6	7.3
SSW	.3	1.1	1.2	.1								2.7	6.9
SW	.3	1.0	.4	.1								1.8	5.8
WSW	.2	1.0	1.2	.5								2.9	7.7
W	.4	1.3	.8	.3	.1	.1						3.0	7.7
WNW	.2	.2	.7	.4								1.5	8.6
NW	.2	.2	.2	.2								.9	7.0
NNW		.3	.1	.2								.7	9.0
VARBL													
CALM												2.6	
	7.7	27.7	40.7	14.7	.4	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.3									.9	5.6
NNE	.3	.3	.5	.1								1.3	6.4
NE	.7	1.6	.8	.2								3.3	5.6
ENE	.9	1.8	1.5	.3	.1							4.3	6.6
E	2.2	2.7	1.7	.9	.1							7.7	6.5
ESE	1.7	4.3	3.0	.2								9.9	5.8
SE	1.4	6.3	6.4	1.4								15.5	6.9
SSE	2.3	6.1	8.6	1.7	.1							19.0	7.1
S	2.6	5.0	3.0	.8								11.4	5.8
SSW	1.1	1.3	1.5	.2								4.1	6.3
SW	.9	1.8	1.2	.2								3.9	6.3
WSW	.5	1.6	.7	.5	.1							3.5	6.8
W	.8	1.3	1.4	.7								4.1	6.8
WNW	.3	.5	.3	.3								1.5	7.4
NW	.5	.5	.3	.1								1.5	5.5
NNW	.2	.3	.4									1.0	5.8
VARBL													
CALM												7.3	
	15.6	39.1	32.6	7.7	.4				.1			100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
67-76 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	.2									.8	5.4
NNE	.7	.1	.0									1.4	5.0
NE	.5	.5	.4	.1								1.4	5.5
ENE	1.3	1.1	1.2	.4								4.0	5.6
E	1.6	2.5	1.3	.0	.1							6.1	6.2
ESE	1.1	4.1	1.2	.1								6.5	5.1
SE	1.7	3.2	4.2	.2								7.3	6.2
SSE	3.8	4.8	5.9	.2								14.7	5.8
S	5.1	7.1	3.1	.4								15.7	4.9
SSW	2.5	4.0	1.3									7.8	4.7
SW	1.1	2.6	1.2	.2								5.1	5.5
WSW	1.7	2.8	1.6	.2	.2							6.5	5.8
W	2.2	1.4	.7									4.3	4.1
WNW	.7	.8	.0									2.2	4.9
NW	.1	.5	.5									1.1	5.9
NNW	.2	.1	.2									.6	4.6
VARBL													
CALM												12.5	
	24.3	30.2	24.2	2.5	.4							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 835

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73 YEARS | AUG MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	.2									2.6	4.4
NNE	1.2	1.1	.2									2.5	3.6
NE	.5	1.2										1.7	3.8
ENE	.5	.6	.3									1.4	4.2
E	1.2	3.6	2.0									6.8	5.4
ESE	2.0	2.6	2.0	.3								7.6	4.9
SE	3.1	3.6	1.1									7.7	4.2
SSE	4.2	5.6	1.7	.6								12.1	4.8
S	7.1	5.9	1.5	.6								15.1	4.1
SSW	4.6	3.9	2.0	.2								10.7	4.3
SW	.8	3.2	1.5	.3								5.9	5.8
WSW	1.5	1.4	.2									3.1	3.7
W	1.2	2.2	.2									3.6	4.3
WNW	.6	.8	.6	.2								2.2	5.9
NW	.3	.5										.8	4.2
NNW		.5										.5	4.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	15.9	
	30.3	38.2	13.4	2.2								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 647

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73,76 YEARS | AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.9	.2									2.5	3.6
NNE	.0	1.5										2.2	4.1
NE	1.5	.8	.5									2.8	3.8
ENE	.8	1.1	.2									2.0	4.1
E	2.3	2.8	1.9	.2								7.1	5.0
ESE	2.0	2.0	1.4	.2								6.2	4.7
SE	1.2	1.7	1.9									4.8	5.4
SSE	2.0	3.4	.5	.5								6.9	4.5
S	5.1	3.9	1.7	.3								11.0	4.5
SSW	2.0	4.6	2.3									9.6	4.9
SW	1.2	2.9	.8									4.9	4.8
WSW	2.2	2.9	.9									6.0	4.5
W	1.2	2.3	.8									4.3	4.5
WNW	.8	.3	.6	.3								2.0	6.0
NW	.2	.3	.2	.2								.8	6.8
NNW	.5	1.1	.2	.2								1.9	5.3
VARBL													
CALM												25.2	
	26.9	32.6	13.7	1.7								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 648

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.4									2.1	4.7
NNE	.3	2.0	.4	.1								2.9	5.4
NE	1.5	2.5	.8									4.8	4.2
ENE	1.3	.8	1.1	.3								3.5	5.8
E	3.1	4.9	2.9	.3								11.2	5.2
ESE	2.2	2.1	.4									4.7	4.0
SE	1.3	2.3	.5	.2								4.8	4.7
SSE	2.7	2.1	.8	.2								5.8	4.4
S	3.4	3.2	1.2	.5								8.4	4.6
SSW	2.1	4.3	2.0	.1								8.5	5.2
SW	1.4	2.5	1.3	.1								5.4	5.2
WSW	2.3	2.0	.4									4.7	3.8
W	1.6	1.4	.8									3.8	4.3
WNW	1.1	.2	.7	.1								2.1	4.9
NW	1.3	.8	.5									2.6	4.5
NNW	.2	.7	.5									1.4	6.0
VARBL													
CALM												23.2	
	27.3	32.6	14.8	2.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 910

USAFETAC FORM [illegible]

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12837 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.3	.1								2.3	7.0
NNE	.4	1.5	1.0									2.9	5.8
NE	1.3	6.1	2.7	.2	.1							10.4	5.8
ENE	1.0	5.6	2.3	.3								9.2	5.8
E	4.9	12.0	4.0	.7								21.6	5.2
ESE	2.2	6.7	2.8	.1								11.8	5.3
SE	.4	4.6	2.8	.3								8.1	6.3
SSE	.3	1.6	1.4	.2	.1							3.7	6.9
S	.3	1.5	1.1	.9								3.8	7.3
SSW	.9	1.4	1.7	.2								4.2	6.1
SW	.8	1.5	2.2	.4								4.9	6.9
WSW	1.1	3.3	1.4	.1								5.9	5.3
W	1.8	2.1	.3	.2								4.4	4.3
WNW	.5	.5	.1									1.2	4.3
NW	.2	1.0	.7									1.8	5.9
NNW	.3	.5	.2	.1								1.5	6.0
VARBL													
CALM												2.2	
	16.7	50.7	26.4	4.9	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 922

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2		.2	.2		.1						.8	9.6
NNE	.1	.5	1.6	.3	.2							2.8	8.7
NE	.1	2.0	4.5	.8	.2							7.5	8.1
ENE	.1	4.6	7.2	1.0								12.8	7.5
E	.4	12.9	13.4	1.8	.1							28.7	7.0
ESE	.4	9.2	12.1	.2								22.0	6.8
SE	.3	2.7	7.5	.4	.1							11.1	7.6
SSE	.1	1.0	2.3	1.2	.1							4.7	9.0
S		.2	.2	.1								.5	8.8
SSW	.1	.1	.3	.2	.1							1.1	8.9
SW	.1	.4	1.4	.9	.2							3.0	9.5
WSW	.1	.1	1.4	.2	.1							2.0	9.2
W	.3	.3	.1									.8	4.6
WNW	.1	.1	.2									.4	6.5
NW		.1	.1	.2		.1						.5	13.6
NNW	.1		.4									.5	7.2
VARBL													
CALM												.8	
	2.7	34.3	53.2	7.0	1.2	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 920

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.3	.4								1.1	9.0
NNE	.2	.8	1.1	.8								2.9	8.3
NE	.1	1.2	2.9	.7	.2							5.1	8.5
ENE	.2	2.3	7.0	1.4								11.0	8.2
E	.9	8.1	12.2	1.5								22.7	7.2
ESE	1.4	7.7	9.6	.8								19.6	6.7
SE		3.5	8.3	2.8	.1							14.7	8.7
SSE	.2	1.0	4.5	1.8								7.5	8.9
S	.3	.8	1.2	.6	.1							3.0	8.0
SSW	.4	.1	.6	.3	.1							1.5	8.3
SW	.1	.8	.7	.4								2.0	7.7
WSW	.2	.3	1.4	.3								2.3	8.3
W	.4	.3	1.1	.6								2.4	8.4
WNW	.1	.3	.4									.9	6.8
NW		.3	.4	.3								.9	8.5
NNW		.3	.0	.4								1.3	9.1
VARBL													
CALM												1.1	
	4.9	28.2	52.1	13.2	.6							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 904

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA eFACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.9	.1								1.4	8.0
NNE	.2	.7	1.7	.2								2.8	7.3
NE	1.2	1.4	.4									3.1	4.5
ENE	.9	2.3	3.1	.4								6.7	6.6
E	3.3	6.4	6.8	.9								17.4	6.1
ESE	2.4	7.0	3.7	.4								13.6	5.6
SE	1.0	5.0	4.4	1.5								11.9	6.9
SSE	1.5	5.1	6.7	.9								14.2	6.8
S	1.3	3.1	2.0	.3								6.7	5.8
SSW	.7	1.6	.8	.3								3.4	6.0
SW	.3	1.2	.8		.1							2.4	6.6
WSW	.2	.8	.7	.3	.1							2.1	7.3
W	.5	1.7	1.1	.1	.1							3.6	6.0
WNW	.1	.5	.1									.8	5.6
NW	.4	.1	.3	.1								1.0	5.6
NNW	.7	.3	.1	.1								1.2	4.4
VARBL													
CALM												7.9	
	14.5	37.8	33.4	5.8	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AUG MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.5	.6	.1								2.5	5.4
NNE	.5	1.1	.5									2.1	5.1
NE	.8	1.5	.1	.1								2.5	4.4
ENE	.2	1.5	2.1	.2								4.0	7.0
E	2.8	6.1	3.1	.1								12.1	5.4
ESE	1.9	3.6	2.5									8.1	5.0
SE	2.5	5.7	1.8									10.0	5.0
SSE	2.8	7.4	4.7	.6								15.5	5.6
S	3.4	5.4	3.0	.1								12.0	4.9
SSW	1.9	2.4	1.3	.2								5.9	4.9
SW	1.1	2.7	.8									4.6	5.1
WSW	1.0	1.1	.6									2.7	4.5
W	.8	1.6	.5	.1								3.0	4.9
WNW	.4	.4	.1	.1								1.0	5.5
NW	.1	.7										.8	4.7
NNW	.1	.1	.4									.6	6.0
VARBL													
CALM												12.5	
	20.8	42.6	22.3	1.8								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 826

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73 YEARS | SEP MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.8	1.6									3.7	6.6
NNE	.8	.8	1.6	.6	.2							4.0	7.8
NE	.8	2.1	2.3	1.8	.3	.2						7.4	8.9
ENE	.6	2.6	3.2	2.6								9.0	8.1
E	1.3	8.9	6.9	3.4								18.5	7.5
ESE	2.6	3.9	3.1	.3	.2							10.0	5.9
SE	1.5	4.5	2.7	.2								8.9	5.6
SSE	1.0	1.8	1.1	.2	.2							4.2	6.2
S	2.9	1.9	.5									5.3	3.8
SSW	1.9	1.9	.5									4.4	3.9
SW	1.0	1.9	1.1	.5								4.5	6.5
WSW	.2	1.3	1.9	.5								3.9	7.5
W	1.1	1.6	.5									3.2	4.5
WNW	.2	.5	.3	.2								1.1	6.0
NW	.5	.2										.6	2.5
NNW	.2	.6	.8	.6								2.3	8.3
VARBL													
CALM												8.9	
	16.8	34.4	28.2	10.8	.8	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-73,75-76 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.7	1.0	.5								5.1	5.8
NNE	.6	1.4	1.3	.8								4.1	7.1
NE	.6	1.6	3.2	1.0	.5							6.9	8.7
ENE	.8	3.0	4.3	1.8	.2							10.0	7.7
E	3.2	7.7	5.6	.8								17.2	5.9
ESE	2.2	2.7	2.2	.9								7.8	5.7
SE	.6	2.9	1.6	.3								5.4	7.6
SSE	.8	1.0	.2	.2								2.1	4.5
S	3.2	1.1	.5									4.8	3.2
SSW	1.6	1.8	.3									3.7	3.9
SW	1.1	1.9	.8	.2								4.0	5.1
WSW	1.0	1.6	1.8	.2								4.5	6.1
W	1.8	2.4	.8									4.9	4.5
WNW	.9	1.4	.4									2.2	4.3
NW	.6		.5	.5								1.6	6.6
NNW	.8	.3	.3	.3	.2							1.9	6.8
VARBL													
CALM												13.7	
	20.0	33.5	24.6	6.7	.8							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 627

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | SEP MONTH

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

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.5	2.1									5.5	5.6
NNE	.3	1.5	1.3	1.0	.1							4.3	8.2
NE	.8	2.2	2.5	1.0	.1							6.6	7.3
ENE	1.3	1.9	3.4	1.2								7.8	7.1
E	2.6	4.9	5.6	.7	.1							13.9	6.3
ESE	1.2	3.0	1.8	.1								6.2	5.3
SE	.4	2.1	.6	.2								3.4	5.5
SSE	.7	1.2	1.1	.4								3.5	6.5
S	1.3	.8	.6	.3								3.0	5.1
SSW	1.5	1.6	.9	.1								4.0	4.9
SW	.8	2.4	1.0	.3								4.5	5.6
WSW	1.2	1.1	.9	.2								3.5	5.3
W	2.4	1.9	.2	.1								4.6	3.9
WNW	1.7	2.1	.2									4.0	3.8
NW	1.0	1.0	1.0									3.0	5.3
NNW	.6	.8	1.5	.4								3.3	7.2
VARBL													
CALM												18.9	
	18.7	31.1	24.7	6.3	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 892

ETAC FORM [illegible] ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	1.7	.7								4.4	7.1
NNE	1.4	2.6	2.9	1.1								8.0	6.8
NE	.9	3.3	4.7	1.7	.2							10.8	7.9
ENE	1.8	5.6	4.2	2.4	.2							14.2	7.2
E	2.0	7.2	6.3	1.5								17.0	6.5
ESE	1.5	3.8	3.2	.6								9.0	6.0
SE	.6	1.4	1.7	.2								3.8	6.6
SSE		.9	1.4	.2								2.5	7.5
S	.6	.9	.3	.1	.1							2.0	5.6
SSW	.9	1.5	1.1	.6								4.1	6.4
SW	.5	1.0	1.2	.1								2.8	6.4
WSW	.7	1.5	.7	.2								3.0	5.9
W	2.1	2.9	1.5									6.5	4.7
WNW	1.2	1.1	.3									2.7	3.9
NW	.6	1.1	.7									2.6	4.8
NNW	.1	1.0	1.1	.8								3.0	8.1
VARBL													
CALM												3.4	
	15.9	37.0	33.0	10.1	.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 887

USAETAC FORM [illegible]

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | SEP MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.7	.8	.1							1.8	10.8
NNE	.4	1.1	3.5	3.0	.1							8.2	9.4
NE	.7	3.6	8.0	4.0	.2							16.5	8.7
ENE	.9	4.6	7.5	2.9								15.9	8.0
E	1.1	10.4	12.8	2.2								26.6	7.2
ESE	.8	4.9	5.6	.3								11.7	6.7
SE	.3	1.5	1.9	.3								4.0	7.1
SSE		1.0	.6	.3								2.0	7.8
S	.2	.4	.3	.3								1.3	8.0
SSW	.2	.3	.9	.1								1.6	6.9
SW	.1	.9	.6	.4								2.0	7.4
WSW	.2	.9	1.2	.3								2.7	7.5
W	.3	.8	1.3	.3	.1	.1						2.7	8.4
WNW	.2	.3	.2									.8	4.5
NW	.1	.2	.2									.6	6.3
NNW	.1	.1	.1	.1								.4	8.0
VARBL													
CALM												1.2	
	5.9	31.3	45.1	15.7	.7	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	.9	1.2	.1							2.8	10.0
NNE		.8	2.9	5.5	.2							9.4	10.9
NE	.4	2.0	8.0	4.4	.4	.1						15.4	9.7
ENE	.1	4.4	7.5	2.8	.3							15.2	8.4
E	.9	7.2	14.2	2.6								24.9	7.8
ESE	.4	5.0	4.8	.2								10.5	6.5
SE	1.1	2.1	2.6	.7								6.5	6.4
SSE	.1	1.0	1.3	.7	.1							3.3	8.6
S	.2	.6	.8	.2								1.8	6.7
SSW	.2	.6	.6	.4								1.8	7.9
SW		.6	.8	.7								2.0	9.4
WSW	.1	.7	.7	.2									7.5
W		.3	.7	.1									7.6
WNW		.4	.1	.2									7.7
NW		.2	.3									.6	7.6
NNW		.2	.3	.3								.8	9.5
VARBL													
CALM												1.3	
	3.7	20.7	46.0	20.3	1.2	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 57-76 YEARS | SEP MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.6	1.9	.1							4.5	9.3
NNE	.3	.9	2.9	3.0	.1							7.3	9.8
NE	.7	3.3	4.9	3.5		.2						12.6	8.7
ENE	.2	4.4	6.1	1.6	.3	.1						12.7	8.3
E	1.2	5.2	10.2	1.8	.2							18.7	7.6
ESE	2.1	6.4	3.5	.8								12.8	6.0
SE	.9	4.0	2.8	.7								8.4	6.5
SSE	.8	2.2	1.9	.2								5.2	6.0
S	1.3	1.6	1.1	.1								4.2	5.2
SSW	.8	.9	.8	.1								2.4	5.0
SW		.7	.4	.3								1.5	7.5
WSW	.6	.8	.1	.3								1.8	6.0
W	.2	.6	.2	.3								1.3	7.2
WNW	.3	.7	.2									1.2	4.7
NW		.3	.3									.7	6.7
NNW	.1	.1	.2									.4	6.5
VARBL													
CALM												4.3	
	10.0	32.6	37.2	14.7	.8	.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 889

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	1.7	1.0								4.2	8.1
NNE	.5	1.4	1.9	1.6	.1	.4						5.8	9.3
NE	1.0	3.0	2.7	2.7	.1							9.5	8.1
ENE	1.1	2.8	3.6	3.3								11.1	8.5
E	1.4	3.4	7.7	3.1	.2	.1						18.9	7.9
ESE	2.6	4.7	3.0	.6								10.9	5.6
SE	.9	4.6	2.7	.1								8.3	5.9
SSE	.7	1.9	2.0	.4								5.0	6.5
S	2.6	1.6	.6	.1								5.0	4.1
SSW	1.1	2.1	.9	.5								4.6	5.7
SW	.6	1.0	1.0	.1								2.7	5.9
WSW	.1	.7	.5	.2								1.6	6.9
W	.4	1.4	.7	.2	.1							2.8	7.0
WNW	.2	.1	.5	.1								1.0	6.6
NW	.1	.6	.1									.9	5.1
NNW		.2	.2									.5	6.8
VARBL													
CALM												7.2	
	13.5	33.9	30.1	19.2	.6	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 808

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-73 (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.3	.6								4.9	7.3
NNE	.6	1.1	.6	.3		.2						2.9	6.9
NE		.6	1.9	4.0	1.2	.3	.2					8.2	13.0
ENE	.8	1.9	3.4	6.0	1.1	.3						13.4	10.9
E	.5	3.9	6.3	6.8	1.9	.2						19.8	10.6
ESE	1.1	1.7	1.1	1.1	.5							5.4	7.5
SE	.2	1.2	1.9	1.4	.3							4.9	9.3
SSE	.3	1.2	1.2	.2	.5							3.4	8.0
S	2.3	1.4	.8	.5	.2							5.1	5.5
SSW	1.7	2.0	1.1									4.8	4.5
SW	.5	.5	1.1									2.0	5.8
WSW	.9	1.4	.2									2.5	4.1
W	.8	.9	1.4									3.1	5.6
WNW	1.2	1.1	1.9	.5								4.6	6.0
NW	.5	1.9	1.4	.5								4.2	6.6
NNW	.5	1.9	1.2	.5								4.0	6.3
VARBL													
CALM												6.6	
	12.7	24.0	27.8	22.3	5.6	.9	.2					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 647

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12857 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74,76 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	1.5	.3								4.2	6.4
NNE	.5	.8	1.4	1.5	.6							4.8	10.0
NE	.3	1.5	1.9	4.3	.6							8.7	10.5
ENE	.9	1.4	4.5	4.6	1.9	.5						13.8	11.1
E	.8	3.4	2.3	8.0	.8							15.3	10.5
ESE	.3	.2	1.2	.8	.3	.2						2.9	10.8
SE	.2	.9	.8	.5	.6							2.9	10.1
SSE		.5	.5	.3	.2							1.4	9.2
S	.3	1.9	1.4	.3	.2							4.5	6.4
SSW	1.2	.8	.9									2.9	4.9
SW	1.2	1.4	.9									3.6	5.0
WSW	1.1	1.1	.3	.2								2.6	4.7
W	1.1	2.0	1.2	.2								4.5	5.2
WNW	1.2	1.7	1.5	.3								4.8	5.8
NW	1.1	1.1	2.0	.3								4.5	6.1
NNW	1.5	2.6	2.3	1.7								8.2	7.3
VARBL													
CALM												10.5	
	12.8	22.9	24.7	23.3	5.1	.9						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 647

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
67-76 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	2.0	1.1	.2							5.2	8.6
NNE	.2	.9	1.9	.9	1.2	.1						5.2	11.4
NE	.3	1.8	2.5	3.7	1.2	.3						9.9	11.3
ENE	.3	1.6	3.5	4.6	1.1	.5						11.8	11.4
E	.4	3.8	3.3	3.1	1.0							13.6	9.9
ESE	.9	1.1	1.4	.4	.1							4.0	7.0
SE	.4	.7	.4	.3	.2							2.1	7.9
SSE	.2	1.1	.7	.2	.3							2.5	8.0
S	1.1	1.0	.9	.4	.1							3.5	6.4
SSW	.1	1.3	1.2	.2								2.9	6.7
SW	.3	.8										1.1	4.5
WSW	1.1	1.2	.2									2.5	3.9
W	2.3	1.2	.5	.1								4.2	3.9
WNW	2.1	2.9	2.2	.4								7.6	5.7
NW	1.4	2.9	2.0	.7								6.9	6.2
NNW	1.2	3.3	2.5	1.4								8.5	6.9
VARBL													
CALM												8.7	
	13.2	20.7	25.3	19.7	5.5	1.0						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | OCT MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	1.4	2.1	.4	.1						6.1	9.4
NNE	.2	2.3	2.1	3.1	1.1	.1						8.9	10.8
NE	.3	1.7	4.7	3.9	2.3	.1						13.0	11.4
ENE		1.5	5.0	5.4	1.3							13.2	11.1
E	1.0	1.7	4.4	3.8	1.0	.2						12.8	9.5
ESE	.7	1.7	1.0	1.1								4.4	7.5
SE	.3	.9	1.0	.2								2.4	7.0
SSE	.5	.8	1.5	.5	.3							3.7	8.4
S	.4	.3	.5	.4								1.7	7.1
SSW	.3	.7	1.1	.8								2.8	8.2
SW	.7	1.1	.4	.5	.2							2.9	7.1
WSW	.7	1.3	.2	.1								2.3	4.8
W	.9	1.8	.5	.2								3.5	5.3
WNW	.9	1.4	2.2	.2								4.7	6.4
NW	.8	1.7	2.6	1.3								6.4	7.6
NNW	1.2	1.6	3.6	1.2								7.8	7.4
VARBL													
CALM												3.5	
	10.5	21.6	32.4	24.9	6.6	.5						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	2.7	3.0	.4	.1						6.9	11.1
NNE		1.1	3.7	3.4	1.2	.2						9.6	11.5
NE	1.0	2.7	5.3	7.5	1.2	.4						18.1	10.6
ENE	.5	3.5	5.6	5.5	1.5	.1						16.8	10.1
E	.9	6.6	7.5	3.5	.7	.1						19.2	8.2
ESE	.4	2.5	2.5	.5	.3							6.3	7.6
SE		1.2	2.2	.2	.3							3.9	8.6
SSE		.1	1.6	1.0	.1							2.8	10.6
S	.2	.2	.4	.1								1.0	6.9
SSW	.1	.1	1.1	.8								2.1	9.8
SW	.2	.5	.5	.5								1.8	7.7
WSW		.1	.5	.2								.9	9.3
W	.2	1.1	.4	.5								2.3	7.3
WNW	.2	.3	1.7	.3								2.6	9.2
NW		.3	1.1	.5								2.0	9.3
NNW	.2	.8	1.8	.4								3.3	7.9
VARBL													
CALM												.4	
	4.3	21.5	38.9	28.1	5.8	1.0						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — OCT MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	1.9	3.4	.7							6.4	11.9
NNE	.2	1.2	3.3	4.5	1.2	.4						10.6	11.5
NE	.4	2.7	7.0	7.3	1.6	.3						19.4	10.5
ENE	.4	3.3	6.7	5.0	1.2	.1						16.7	10.0
E	.9	5.1	8.0	4.4	.9							19.2	8.8
ESE	.3	2.9	2.3	.9	.1							6.5	7.4
SE	.1	2.0	2.3	.5	.4							5.3	8.3
SSE	.1	.3	1.4	1.1	.1							3.1	9.2
S		.7	.3	.3								1.3	8.0
SSW		.2	.9	.2								1.3	8.7
SW	.1	.1	.7	.3								1.2	8.3
WSW		.1	.6	.1								1.0	8.7
W	.1	1.3	1.2	.1								2.7	6.7
WNW		.4	1.2	.7								2.3	9.3
NW		.4	.3	.3								1.1	8.1
NNW		.1	.1	1.1	.1							1.4	12.4
VARBL													
CALM												.4	
	2.7	21.5	38.2	30.2	6.3	.7						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 917

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.3	3.8	3.6	.2							10.3	9.4
NNE	.4	1.4	2.4	2.9	.5	.1						7.6	10.4
NE	.8	3.4	4.4	3.1	1.4	.2						13.3	9.8
ENE	1.0	1.8	6.0	5.7	2.3	1.0						17.7	11.4
E	1.6	4.5	7.1	4.4	1.0	.4						19.2	8.9
ESE	1.0	2.7	2.8	1.0	.1	.1						7.7	7.3
SE	.6	1.4	2.2	.3	.1	.1						4.8	7.5
SSE	.3	.8	1.5	.9	.1							3.6	8.7
S	1.4	.6	.8									2.8	4.7
SSW	.6	1.1	.2	.3								2.3	5.7
SW	.1	.4	.2	.3								1.1	7.5
WSW	.3	.1										.4	3.3
W	.3	1.1	.6									2.1	5.6
WNW	.6	1.4	.3									2.4	4.6
NW	.1	.5	1.0									1.6	6.8
NNW		.2	.8	.2	.3							1.5	10.2
VARBL													
CALM												1.7	
	9.7	23.8	33.9	22.6	6.1	1.9						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 924

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.4	3.3	1.5		.1						7.4	8.3
NNE	.2	.8	1.7	1.4	.5							4.6	10.3
NE	.5	1.5	2.9	3.0	1.2	.2						9.3	10.9
ENE	.4	1.8	5.6	6.7	3.0	.7						17.6	11.8
E	1.5	3.9	6.9	4.5	1.3							18.2	9.3
ESE	.5	2.4	3.3	.7	.5							7.4	7.9
SE	1.1	2.1	1.2	.8	.4							5.6	7.2
SSE	.8	1.7	1.2	.7	.4							4.8	7.7
S	1.4	2.0	.5	.4								4.3	4.9
SSW	1.0	1.0	1.0									2.9	4.9
SW	.4	.2	.2	.2								1.1	6.9
WSW	.4	.1	.1									.6	4.2
W	.1	1.1	1.0	.1								2.3	6.6
WNW	.5	.7	1.7	.4								3.2	7.1
NW	.5	1.2	.8									2.5	5.6
NNW	.5	1.0	1.8	.7								3.9	7.4
VARBL													
CALM												4.5	
	10.0	23.9	32.7	21.2	7.1	.5						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 841

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	1.8	1.4	.6							6.1	8.9
NNE		.3	.2	.2								.6	7.3
NE		.2	1.3	1.0								2.4	10.3
ENE	.2	.6	.6	2.2	.2							3.8	10.6
E	.5	1.1	4.5	3.5								9.6	9.6
ESE	.5	1.1	1.0	.5	.2							3.2	6.9
SE	.6	1.0	1.8	.2								3.5	7.1
SSE	.5	.5	1.3	.6								2.9	8.0
S	1.8	2.4	2.1	.2								6.4	5.5
SSW	2.1	1.9	.6	1.0								5.6	5.4
SW	1.6	1.1	1.9	.5	.2							5.3	6.3
WSW	.8	1.9	2.1									4.8	5.8
W	1.3	4.3	.8	.3								6.7	5.3
WNW	1.4	1.4	2.6	1.4	.6							7.5	8.4
NW	1.1	2.1	4.0	2.6	.5	.2						10.4	9.1
NNW	.5	5.1	2.7	2.1	.6	.3						11.4	8.5
VARBL													
CALM												9.6	
	13.5	28.8	29.2	17.6	2.9	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 624

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-73 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.1	1.6	1.8	.2							6.1	8.7
NNE		.2	.2	.2	.3							.8	12.6
NE	.3	.2	.6	.5	.5							2.1	10.5
ENE	.2	.5	2.7	1.4								4.8	9.6
E		1.1	3.5	1.4								6.1	8.9
ESE	.5	.5	1.1	.8								2.9	7.9
SE	.2	.5	1.9	.5								3.0	8.1
SSE	.2	.5	.6	1.0								2.4	9.0
S	2.1	1.1	1.3	.5								4.9	5.6
SSW	1.3	1.8	1.4	.2								4.6	5.7
SW	1.3	1.4	1.0									3.7	4.9
WSW	1.0	.5	.3									2.6	4.9
W	2.4	3.0	2.1	.3								7.8	5.4
WNW	2.1	1.8	1.4	1.1	.3							6.7	6.8
NW	1.3	3.5	5.4	3.2	1.3							14.7	9.3
NNW	1.6	3.8	4.6	3.7	.6	.5						14.8	9.0
VARBL													
CALM												12.1	
	14.7	22.6	30.5	16.4	3.2	.5						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 627

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	2.3	2.9	1.3	.3							7.3	7.9
NNE	.3	.6	.4	.4	.3	.1						2.0	10.2
NE		.4	1.1	1.6	.3							3.4	11.3
ENE	.0	1.1	1.9	1.8	.1							5.5	8.5
E	.3	1.6	2.9	1.4								6.1	8.3
ESE	.9	1.0	1.5	.4								3.8	6.3
SE	.9	1.0	.6									2.5	5.0
SSE	.5	.6	1.9	.4								3.4	7.3
S	.8	.9	.4	.3								2.3	5.7
SSW	1.1	1.8	1.6	.1								4.6	5.5
SW	1.9	1.3	1.3	.1								4.5	4.9
WSW	.9	.6	.3									1.8	3.9
W	1.9	2.0	.9	.1								4.9	4.6
WNW	2.4	1.6	1.9	1.1	.3							7.3	6.9
NW	2.0	2.5	3.3	3.9	.5	.1						12.3	8.9
NNW	.8	4.8	5.4	6.1	.3	.4						17.7	9.4
VARBL													
CALM												10.8	
	15.7	24.1	28.1	18.9	1.9	.6						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 798

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.1	3.9	3.2	.3							10.5	8.9
NNE	.3	1.0	1.0	.9	.2							4.0	8.5
NE	.8	1.1	1.7	1.7	.4							5.7	9.3
ENE	.7	1.1	2.1	2.2	.1							6.3	9.0
E	.4	2.0	3.7	2.0								8.2	8.2
ESE	.9	1.7	1.1	.1								3.8	5.6
SE	.1	.9	1.0	.1								2.1	6.8
SSE	.1	1.3	2.7	.8								4.9	8.0
S	.4	.8	.9	.9								3.0	7.8
SSW	.4	1.3	1.6	.9								4.3	8.1
SW	.7	1.0	1.3	.4								3.5	6.9
WSW	1.3	1.5	1.1	.3								4.3	5.6
W	1.0	2.0	.9	.8								5.0	5.5
WNW	.7	1.2	1.7	.6	.4							4.6	8.4
NW	1.2	1.5	3.7	2.7	.8	.1						10.0	9.4
NNW	.9	3.5	6.2	5.8	.3	.3						17.0	9.5
VARBL													
CALM												2.8	
	11.5	24.1	35.4	23.1	2.7	.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 57-76 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	4.6	4.6	1.0	.1						12.4	10.8
NNE	.3	1.7	3.2	4.3	.9							11.2	10.4
NE	1.1	2.5	2.0	2.0	.3							8.6	8.3
ENE	.5	2.6	2.9	2.6								8.6	8.5
E	.7	3.8	3.6	1.6								9.7	7.2
ESE	1.0	3.4	2.1	.2								6.8	5.8
SE	.3	3.4	2.3	.2								6.2	6.5
SSE	.1	.7	3.3	1.1	.1							5.3	9.1
S		.2	.7	.5								1.4	10.3
SSW		.2	.6	.7	.1							1.8	10.6
SW		.2	1.0	1.2								3.0	10.6
WSW	.3	1.1	1.8	.6								3.8	7.6
W	.7	1.2	2.0	.6	.2							4.7	7.8
WNW	.0	.9	.9	1.0	.5							3.8	9.5
NW	.6	.5	1.0	1.2								3.8	8.7
NNW	.6	1.1	3.3	2.1	.5	.4						8.0	9.6
VARBL													
CALM												.9	
	7.2	24.7	37.9	25.4	3.6	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.6	3.7	4.3	1.6							11.3	11.0
NNE	.6	1.8	5.4	3.1	.4							11.3	9.4
NE	.7	2.2	4.1	2.1	.6							9.7	8.8
ENE	1.3	2.2	3.7	2.4								9.6	8.0
E	1.3	5.7	3.6	1.0	.1							11.8	6.7
ESE	1.0	3.8	1.9	.2								6.9	5.8
SE	.8	2.5	3.9	.4								7.6	6.7
SSE		1.9	2.5	.7								5.0	7.8
S	.2	.4	.4	.2	.1							1.5	8.2
SSW	.1	.2	.7	.4								1.5	9.7
SW		.7	.9	1.1								2.7	9.3
WSW	.1	.9	1.7	.7	.1							3.5	8.5
W	.3	.8	1.7	1.1	.3	.1						4.8	9.0
WNW	.3	1.0	2.5	1.6	.3							6.2	8.4
NW	.4	.4	.6	.4	.1							2.0	7.7
NNW	.4	1.0	1.6	.6	.2	.2						4.0	9.0
VARBL													
CALM												.6	
	8.8	27.2	38.7	20.4	3.9	.3						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 57-76 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.8	6.2	2.6	.3							14.0	8.3
NNE	.9	2.0	2.0	1.6	.1							6.7	7.8
NE	.8	1.6	2.1	1.5	.3							6.3	8.4
ENE	1.1	2.0	2.6	2.0	.5							8.3	8.5
E	1.1	2.9	3.7	2.1		.1						10.1	8.1
ESE	1.2	2.0	1.5	.7	.1							5.5	6.1
SE	1.1	3.5	1.6	.6								6.8	6.0
SSE	.7	2.5	2.9	.5								6.6	6.7
S	1.5	2.7	1.0	.1								5.3	5.1
SSW	.7	1.4	.5	.1								2.4	5.0
SW	.5	.6	1.2	.2								2.5	7.0
WSW	.8	.7	.7	.3								2.5	5.5
W	1.0	1.4	1.5	1.0	.2							5.1	7.4
WNW	.6	1.0	1.0	.7								3.5	6.8
NW	.6	1.2	1.5	.5	.2							4.0	7.5
NNW	.3	1.6	2.1	1.0	.3	.1						5.5	8.6
VARBL													
CALM												5.0	
	14.1	30.8	32.2	15.5	2.1	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 884

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.1	3.9	1.2	.2							9.3	7.7
NNE	.2	.8	1.5	.9								3.4	8.5
NE	.4	.6	1.2	1.8	.1							4.1	9.8
ENE	.1	1.1	1.9	1.9	.1							5.1	9.9
E	.9	2.2	3.1	3.9	.1							10.3	9.3
ESE	.6	.9	1.2	.4	.1							3.2	7.4
SE	.8	2.1	2.7	.3								5.9	6.4
SSE	.4	2.5	2.5	.2								5.6	6.8
S	3.1	2.5	2.1	.3	.1							8.2	5.1
SSW	.8	1.0	.9									2.7	5.3
SW	.6	.6	.7	.9								2.7	7.5
WSW	.7	2.1	.6									3.4	4.8
W	1.1	2.8	2.0	.8	.1							6.8	6.6
WNW	1.2	.8	1.9	1.1	.2							5.3	7.8
NW	.3	1.0	2.5	1.5								5.7	8.4
NNW	.9	3.6	3.9	1.0	.3							10.3	7.8
VARBL													
CALM												8.1	
	13.4	27.6	32.0	16.9	1.5							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 894

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
67-74 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.4	.9	.5								3.6	6.2
NNE	.0	.6	.5	.2								1.9	5.4
NE	.9	.6	.8									2.5	4.8
ENE	.5	.8	.5	.8	.5	.5						3.4	12.2
E	1.2	1.1	2.2	1.6								6.1	7.4
ESE	.8	.8	1.4									3.0	5.8
SE	1.4	1.4	2.0	.6								5.4	6.3
SSE	.9	3.3	1.6	1.1								6.8	6.7
S	2.6	3.9	1.4	.6								8.6	5.1
SSW	1.1	2.2	.9	.8	.2							5.1	6.6
SW	.3	1.4	1.2	.6								4.0	6.3
WSW	1.2	.9	.8		.2							3.1	5.3
W	2.0	1.9	2.3	.9								7.2	6.2
WNW	1.2	2.5	2.2	1.6	.2							7.6	7.4
NW	1.9	2.0	3.7	1.7	.5							9.8	7.8
NNW	1.9	2.6	1.9	2.2	1.2							9.8	8.4
VARBL													
CALM												12.1	
	19.9	27.5	24.3	13.1	2.6	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 643

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	.8	.5	.3							4.4	7.2
NNE	.3	.9	.2									1.4	4.9
NE	.3	.2	.2	.3		.2						1.1	8.9
ENE	.3	.3	.2	.5	.2	.3						1.7	11.6
E	.5	1.4	1.6	2.5								6.0	9.1
ESE	.5	.5	.6									1.6	5.6
SE	.2	1.6	.9	1.1								3.8	8.3
SSE	1.1	1.7	1.7	.5								5.0	6.3
S	2.3	2.5	3.1	.3								9.3	6.0
SSW	1.4	2.2	.6	.6								5.2	5.5
SW	1.1	1.4	.9									3.5	5.2
WSW	.6	.8	.3	.2	.2							2.2	6.4
W	1.0	2.4	1.3	.5								5.7	5.7
WNW	1.9	2.2	1.9	1.1								7.1	6.4
NW	2.2	3.6	3.3	3.0	1.1	.3						14.0	8.7
NNW	3.0	3.5	5.2	2.4	.9							14.9	7.9
VARBL													
CALM												13.3	
	18.7	27.0	23.3	14.0	2.7	.8						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 637

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	1.7	1.1	.4							6.1	7.4
NNE	.1	.5			.1							.7	6.3
NE	.0	.6	.2	.2								1.9	6.8
ENE	.2	.5	.0	.1		.4						1.8	9.9
E	.6	1.0	2.1	1.3	.1							5.1	8.6
ESE	1.1	.9	.5	.2								2.7	5.2
SE	.2	1.5	1.6	.7								4.0	7.5
SSE	.9	1.2	.4	.7								3.2	6.9
S	1.7	1.2	2.7	.9								6.4	6.9
SSW	1.9	1.9	.9	.6								5.4	5.7
SW	1.9	1.5	.7									4.1	4.1
WSW	1.3	1.0	.7									3.0	4.7
W	1.9	1.1	1.0	.9								4.9	5.9
WNW	1.6	2.7	2.3	.2	.1							6.9	6.1
NW	2.1	4.0	3.8	3.0	.9	.1						13.9	8.3
NNW	2.9	4.0	5.8	3.8	.7							17.3	8.1
VARBL													
CALM												12.5	
	20.7	24.9	25.2	13.9	2.3	.5						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 822

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | DEC MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	3.4	1.4	.1							8.6	7.6
NNE	.9	1.3	.8	.3								3.2	5.9
NE	.3	.4	.5	.5								1.8	7.6
ENE	.8	.9	1.1	.1	.1	.2						3.1	7.7
E	.5	1.5	2.5	1.4	.1							6.1	8.1
ESE	.8	1.1	.8	.2								2.8	5.8
SE	.8	1.7	2.5									4.9	6.2
SSE	.2	1.8	2.7	.4	.1							5.3	7.7
S	.5	1.0	2.6	1.9								6.1	8.8
SSW	.3	1.8	1.8	1.2	.1							5.3	8.3
SW	.5	1.8	1.5	.3								4.2	6.5
WSW	1.0	1.5	1.1									3.6	5.3
W	1.4	2.6	1.4	.6	.3							6.4	6.7
WNW	1.1	1.5	2.1	1.1	.4							[illegible]	7.9
NW	1.6	2.8	4.0	2.5	.4							11.3	8.3
NNW	2.2	3.9	7.4	4.1	.4	.1						18.1	8.3
VARBL													
CALM												3.0	
	13.9	28.3	36.0	16.2	2.2	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12807 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.8	3.6	4.6	.8	.2	.1					13.0	10.0
NNE	.5	3.7	3.5	1.2								8.9	7.4
NE	.8	3.0	.8	.5								5.1	5.8
ENE	1.3	2.4	.9	.4	.1	.2						5.3	6.5
E	1.7	3.9	2.4	.8								8.8	5.9
ESE	.8	2.4	2.3	.1								5.5	6.1
SE		2.4	3.6	.4								6.4	7.6
SSE	.3	2.0	5.0	2.5	.1							9.9	8.9
S	.2	.2	1.2	.7	.1							2.4	9.5
SSW		.3	1.3	1.6	.3							3.6	11.5
SW		1.1	1.4	.3								2.8	7.8
WSW	.1	.8	1.6	.4	.1							3.0	8.5
W	.4	1.0	2.3	1.6	.2							5.5	9.2
WNW	.4	.4	2.0	2.2	.3	.1						5.4	10.3
NW	.3	1.4	1.8	1.0	.1							4.7	8.1
NNW	.3	2.5	3.7	1.7	.2							8.5	8.6
VARBL													
CALM												1.1	
	8.3	30.3	37.2	20.1	2.4	.5	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	4.0	4.9	.7	.4						12.0	10.6
NNE	.7	2.6	3.9	1.0								8.1	7.5
NE	1.1	4.7	2.6	.5								8.9	6.0
ENE	1.1	2.4	1.8	.3	.2							5.9	6.6
E	2.3	4.9	1.6	.8								9.5	5.4
ESE	1.5	4.3	1.7									7.6	5.1
SE	1.0	3.5	3.3	.8								8.5	6.8
SSE	.3	2.1	4.9	3.0								10.3	9.0
S	.1	1.3	1.3	.8								3.5	8.0
SSW		.3	.9	1.1								2.3	9.4
SW		.5	.9	.4								1.8	8.8
WSW	.1	.8	.5	.2								1.6	7.2
W	.3	1.4	2.6	2.1								6.4	9.0
WNW	.3	1.2	2.0	1.6	.8							5.9	10.1
NW	.1	1.1	1.0	.3								2.5	7.5
NNW	.2	2.0	1.4	.9								4.4	7.5
VARBL													
CALM												.9	
	9.8	34.6	34.3	18.8	1.6	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 923

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | DEC MONTH

ALL WEATHER CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.4	4.9	3.1	.1							13.0	8.1
NNE	1.1	3.0	1.8	.3	.2	.1						6.6	6.5
NE	1.4	2.0	.9	.7	.3							5.2	6.8
ENE	1.2	1.7	1.4	.1	.2	.1						4.8	6.4
E	1.6	3.0	1.8	.9								7.4	6.0
ESE	1.5	1.6	1.0	.2								4.3	5.1
SE	1.4	2.9	2.8	1.0	.1							8.3	6.7
SSE	1.5	3.7	5.1	1.2								11.5	7.0
S	1.2	2.3	2.8	1.2								7.5	7.2
SSW	.4	.7	.9	.1								2.1	6.1
SW	.2	.5	.3	.2								1.3	6.6
WSW	.1	.4	1.1									1.6	7.1
W	.7	1.4	2.4	.4								4.9	7.3
WNW	.7	1.6	2.2	1.7								6.2	8.3
NW	.3	1.4	1.2	.4								3.4	6.8
NNW	.4	1.6	2.5	1.2	.1							5.9	8.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.1	
	15.3	31.4	33.1	12.8	1.1	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 921

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	2.3	.8								6.6	6.6
NNE	1.1	1.2	.3	.3								2.9	5.1
NE	1.1	1.2	.8	.2	.4	.1						3.8	7.5
ENE	.8	.5	1.0	.9	.2		.2					4.2	9.7
E	1.1	2.6	1.0	.9								6.2	6.7
ESE	1.0	1.6	.9	.3								3.8	5.8
SE	1.5	1.9	1.7	.3								5.4	5.7
SSE	.7	2.5	3.2	.7								7.0	6.9
S	1.5	4.7	3.2	1.3								10.7	6.5
SSW	1.7	1.0	1.3	.9								4.9	6.2
SW	.2	.7	.9	.4								2.2	7.6
WSW	.3	1.0	.9									2.2	6.0
W	1.0	1.2	2.5	1.2								5.9	7.3
WNW	.5	1.9	2.5	1.6								6.5	8.0
NW	1.1	1.4	1.7	1.0	.2							6.1	7.7
NNW	1.4	3.3	2.8	2.2	.4							10.1	8.0
VARBL													
CALM												11.3	
	16.2	28.8	25.4	13.6	1.3	.1	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 918

T.T. PROCESSING BRANCH
AF/USAF
WEATHER SERVICE/MAC

5

SURFACE WINDS

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

PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-76 (YEARS) | ALL (MONTH)

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

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.1	4.0	4.9	1.6	.4	.0					14.2	11.0
NNE	.4	.6	1.5	1.4	.1	.1						3.4	9.7
NE	.5	.7	.8	.3	.1	.0						2.6	7.7
ENE	.2	.3	.6	.3	.0	.1						1.6	9.6
E	.3	.8	1.3	.6	.4	.1						3.6	9.8
ESE	.4	.6	.6	.4	.1	.0						2.2	8.2
SE	.1	.5	1.0	.6	.2	.0						2.6	9.9
SSE	.2	.6	.8	.8	.2	.0						2.8	9.9
S	.6	1.4	1.0	1.2	.0	.0						4.5	7.8
SSW	.4	.8	2.2	1.5	.1							5.1	9.1
SW	.7	1.9	1.7	1.3	.1	.0						5.8	8.0
WSW	.6	3.0	2.0	.5	.5							6.7	7.3
W	1.5	2.9	2.0	1.0	.3	.1						8.5	7.4
WNW	1.1	2.4	2.9	1.5	.2	.2						8.3	3.2
NW	1.1	1.6	2.8	1.9	.5	.1						8.1	8.8
NNW	1.4	2.6	4.0	4.7	1.0	.2	.1					14.1	10.0
VARBL													
CALM												6.0	
	10.9	22.9	29.9	23.0	5.8	1.4	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2030

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	>¼	≥0
NO CEILING	58.7	64.2	64.6	65.0	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 20000	67.0	73.6	74.2	74.5	74.8	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2
≥ 18000	67.1	73.7	74.2	74.6	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3
≥ 16000	67.2	73.8	74.3	74.7	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 14000	67.8	74.5	75.0	75.4	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 12000	69.8	76.9	77.6	78.0	78.3	78.3	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7
≥ 10000	74.0	82.2	82.8	83.3	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 9000	74.5	82.8	83.5	84.0	84.3	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 8000	76.2	85.0	85.7	86.3	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 7000	76.8	85.8	86.6	87.1	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 6000	77.7	86.8	87.7	88.2	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
≥ 5000	79.2	88.6	89.7	90.2	90.6	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 4500	79.6	89.3	90.2	90.7	91.1	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6
≥ 4000	80.6	90.7	91.6	92.3	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 3500	81.2	91.5	92.4	93.1	93.5	93.6	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1
≥ 3000	81.9	92.7	93.7	94.5	94.9	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 2500	82.3	93.4	94.4	95.2	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 2000	82.8	94.2	95.3	96.1	96.6	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1800	82.9	94.3	95.4	96.3	96.8	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.6
≥ 1500	83.1	94.6	95.8	96.6	97.2	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.0
≥ 1200	83.3	94.9	96.1	96.9	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
≥ 1000	83.3	95.1	96.3	97.2	97.8	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7
≥ 900	83.4	95.1	96.4	97.3	97.9	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 800	83.4	95.3	96.5	97.4	98.1	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 700	83.5	95.4	96.6	97.6	98.2	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 600	83.5	95.4	96.7	97.7	98.4	98.6	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	83.5	95.5	96.8	97.8	98.5	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 400	83.5	95.5	96.9	97.8	98.6	98.8	99.1	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7
≥ 300	83.5	95.5	96.9	97.8	98.6	98.8	99.2	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8
≥ 200	83.5	95.5	96.9	97.8	98.6	98.8	99.2	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	83.5	95.5	96.9	97.8	98.6	98.8	99.2	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9	100.0
≥ 0	83.5	95.5	96.9	97.8	98.6	98.8	99.2	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 9911

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.4	60.5	61.2	61.6	62.1	62.3	62.5	62.6	62.7	62.8	62.8	62.8	62.9	62.9	63.0	63.1
≥ 20000	59.1	66.0	66.8	67.2	67.8	67.9	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.6	68.6	68.8
≥ 18000	59.1	66.0	66.9	67.2	67.8	67.9	68.2	68.3	68.3	68.4	68.5	68.5	68.5	68.6	68.7	68.9
≥ 16000	59.1	66.1	66.8	67.3	67.8	68.0	68.2	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.7	68.9
≥ 14000	59.7	66.7	67.5	67.9	68.5	68.6	68.9	69.0	69.0	69.1	69.2	69.2	69.2	69.3	69.4	69.6
≥ 12000	60.9	68.2	68.9	69.4	70.0	70.1	70.4	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.9	71.1
≥ 10000	63.8	71.5	72.3	73.0	73.6	73.8	74.1	74.2	74.2	74.3	74.4	74.4	74.4	74.5	74.6	74.8
≥ 9000	64.2	72.2	73.1	73.7	74.2	74.4	74.7	74.8	74.8	75.0	75.0	75.0	75.1	75.1	75.2	75.4
≥ 8000	66.4	74.9	75.9	76.5	77.1	77.3	77.6	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.1	78.3
≥ 7000	67.3	76.2	77.2	77.8	78.5	78.6	78.9	79.0	79.1	79.2	79.3	79.3	79.3	79.4	79.5	79.7
≥ 6000	69.1	78.3	79.4	80.0	80.7	80.9	81.2	81.3	81.3	81.4	81.5	81.5	81.6	81.6	81.7	81.9
≥ 5000	71.3	80.8	82.0	82.8	83.4	83.6	83.9	84.0	84.1	84.2	84.3	84.3	84.4	84.4	84.5	84.7
≥ 4500	71.8	81.4	82.6	83.3	84.0	84.1	84.5	84.6	84.6	84.8	84.8	84.8	84.9	85.0	85.1	85.3
≥ 4000	73.4	83.4	84.6	85.4	86.1	86.3	86.6	86.7	86.8	86.9	87.0	87.0	87.1	87.1	87.2	87.5
≥ 3500	74.4	84.7	86.0	86.8	87.5	87.7	88.0	88.1	88.2	88.3	88.4	88.4	88.5	88.5	88.6	88.8
≥ 3000	75.4	86.1	87.3	88.2	89.0	89.1	89.5	89.6	89.7	89.8	89.9	89.9	90.0	90.0	90.1	90.3
≥ 2500	76.0	87.0	88.3	89.2	90.0	90.2	90.5	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.2	91.4
≥ 2000	76.6	88.1	89.5	90.5	91.3	91.6	91.9	92.1	92.2	92.3	92.4	92.4	92.6	92.6	92.7	92.9
≥ 1800	76.9	88.5	89.9	90.9	91.7	92.0	92.4	92.5	92.6	92.8	92.9	92.9	93.0	93.0	93.1	93.4
≥ 1500	77.3	89.0	90.5	91.5	92.3	92.6	92.9	93.1	93.2	93.4	93.5	93.5	93.6	93.6	93.7	94.0
≥ 1200	77.5	89.6	91.2	92.3	93.2	93.4	93.9	94.1	94.2	94.3	94.5	94.5	94.6	94.6	94.7	95.0
≥ 1000	77.7	90.0	91.7	92.9	93.8	94.1	94.5	94.8	94.9	95.1	95.2	95.2	95.3	95.4	95.5	95.7
≥ 900	77.8	90.2	92.0	93.1	94.1	94.3	94.8	95.0	95.2	95.4	95.5	95.5	95.6	95.7	95.8	96.0
≥ 800	77.8	90.6	92.4	93.5	94.6	94.9	95.4	95.6	95.7	96.0	96.1	96.1	96.3	96.3	96.4	96.6
≥ 700	77.9	90.9	92.9	94.1	95.2	95.5	96.1	96.3	96.4	96.6	96.8	96.8	96.9	97.0	97.1	97.3
≥ 600	78.2	91.4	93.3	94.7	95.9	96.1	96.7	97.0	97.1	97.3	97.5	97.5	97.6	97.7	97.8	98.0
≥ 500	78.3	91.6	93.6	95.0	96.3	96.5	97.2	97.4	97.6	97.8	98.0	98.0	98.2	98.2	98.3	98.6
≥ 400	78.3	91.7	93.7	95.1	96.4	96.7	97.5	97.8	97.9	98.2	98.4	98.4	98.6	98.6	98.7	99.0
≥ 300	78.3	91.7	93.7	95.1	96.5	96.8	97.6	97.9	98.0	98.3	98.6	98.6	98.8	98.8	99.0	99.3
≥ 200	78.3	91.7	93.7	95.2	96.5	96.8	97.7	98.0	98.1	98.5	98.8	98.8	99.1	99.1	99.3	99.6
≥ 100	78.3	91.7	93.7	95.2	96.5	96.8	97.7	98.0	98.1	98.5	98.8	98.8	99.1	99.2	99.4	99.9
≥ 0	78.3	91.7	93.7	95.2	96.5	96.8	97.7	98.0	98.1	98.5	98.8	98.8	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6860

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) FEB (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.3	59.9	60.4	60.7	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.3
≥ 20000	60.5	66.9	67.4	67.7	67.8	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.3
≥ 18000	60.7	67.1	67.6	67.8	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.5
≥ 16000	60.8	67.2	67.7	68.0	68.2	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6
≥ 14000	61.1	67.8	68.3	68.5	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.2
≥ 12000	63.1	70.1	70.8	71.0	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.7
≥ 10000	66.5	73.8	74.5	74.8	75.0	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 9000	67.0	74.6	75.4	75.7	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.4
≥ 8000	69.2	77.4	78.2	78.6	78.8	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.3
≥ 7000	70.3	79.0	79.8	80.2	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9
≥ 6000	71.6	80.4	81.3	81.7	81.9	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4
≥ 5000	74.4	83.6	84.6	85.0	85.2	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.8
≥ 4500	75.3	84.6	85.6	86.0	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.8
≥ 4000	77.1	87.0	88.1	88.7	89.0	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 3500	78.0	88.4	89.5	90.2	90.5	90.5	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.1
≥ 3000	78.7	89.6	90.9	91.7	91.9	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
≥ 2500	79.3	90.3	91.6	92.4	92.7	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.4
≥ 2000	80.3	91.6	92.9	93.7	94.0	94.1	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 1800	80.6	91.9	93.3	94.1	94.4	94.5	94.9	94.9	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.3
≥ 1500	80.9	92.5	93.9	94.8	95.2	95.4	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 1200	81.4	93.3	94.7	95.6	96.1	96.2	96.6	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 1000	81.5	93.6	95.2	96.1	96.6	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.5
≥ 900	81.6	93.7	95.3	96.3	96.7	96.9	97.3	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7
≥ 800	81.6	93.9	95.5	96.5	97.0	97.1	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	98.0
≥ 700	81.7	94.0	95.6	96.7	97.2	97.4	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 600	81.8	94.2	95.9	96.9	97.6	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7
≥ 500	81.8	94.2	96.0	97.1	97.9	98.0	98.5	98.6	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.1
≥ 400	81.9	94.3	96.1	97.2	98.1	98.2	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.3
≥ 300	81.9	94.3	96.1	97.3	98.1	98.3	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.5	99.6
≥ 200	81.9	94.3	96.1	97.3	98.2	98.3	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.5	99.6	99.7
≥ 100	81.9	94.3	96.1	97.3	98.2	98.3	98.9	99.0	99.1	99.3	99.3	99.3	99.5	99.5	99.7	99.9
0	81.9	94.3	96.1	97.3	98.2	98.3	98.9	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6322

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAR (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.9	66.5	66.9	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.7
≥ 20000	68.7	74.4	74.8	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7
≥ 18000	68.7	74.5	74.9	75.2	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8
≥ 16000	68.7	74.5	74.9	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8
≥ 14000	69.2	75.1	75.5	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.4
≥ 12000	70.5	76.7	77.2	77.6	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.2
≥ 10000	73.1	79.8	80.3	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.4
≥ 9000	73.8	80.8	81.3	81.7	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.4
≥ 8000	75.1	82.8	83.4	83.9	84.1	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.6
≥ 7000	76.2	83.9	84.6	85.1	85.4	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9
≥ 6000	77.2	85.3	86.1	86.7	86.9	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.5
≥ 5000	79.6	88.2	89.0	89.6	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.5
≥ 4500	80.1	89.0	89.8	90.4	90.7	90.8	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3
≥ 4000	80.9	90.3	91.3	91.9	92.2	92.3	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.9
≥ 3500	81.6	91.3	92.2	92.9	93.3	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.9	94.0
≥ 3000	82.5	92.7	93.6	94.3	94.8	94.9	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.5
≥ 2500	83.0	93.4	94.4	95.1	95.6	95.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.3
≥ 2000	83.5	94.1	95.1	95.9	96.4	96.5	96.6	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.1
≥ 1800	83.7	94.3	95.3	96.1	96.6	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 1500	83.8	94.5	95.6	96.4	97.0	97.1	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.8
≥ 1200	83.9	94.8	95.9	96.7	97.3	97.5	97.6	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.2	98.2
≥ 1000	83.9	95.0	96.2	97.0	97.7	97.8	98.0	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6
≥ 900	84.0	95.2	96.3	97.1	97.8	97.9	98.1	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.8
≥ 800	84.1	95.3	96.4	97.3	98.0	98.1	98.3	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	99.0
≥ 700	84.1	95.4	96.5	97.4	98.1	98.2	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.2
≥ 600	84.2	95.5	96.6	97.5	98.2	98.3	98.6	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.3
≥ 500	84.2	95.5	96.7	97.6	98.3	98.5	98.7	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5
≥ 400	84.2	95.6	96.7	97.6	98.4	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 300	84.2	95.6	96.8	97.6	98.4	98.5	98.8	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.8
≥ 200	84.2	95.6	96.8	97.6	98.4	98.6	98.9	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	84.2	95.6	96.8	97.6	98.4	98.6	98.9	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0
0	84.2	95.6	96.8	97.6	98.4	98.6	98.9	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 0955

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.2	71.3	72.2	73.0	73.5	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	68.7	77.5	78.5	79.3	79.8	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 18000	68.8	77.7	78.7	79.5	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 16000	68.8	77.7	78.7	79.5	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 14000	69.2	78.1	79.2	80.0	80.4	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 12000	70.3	79.4	80.5	81.4	81.9	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	73.5	83.0	84.1	85.0	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 9000	73.9	83.4	84.5	85.4	85.9	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	75.1	85.1	86.3	87.2	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 7000	75.5	85.7	86.8	87.7	88.2	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	76.2	86.6	87.8	88.7	89.2	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	78.0	89.1	90.5	91.4	92.0	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 4500	78.4	89.6	90.9	91.9	92.4	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	79.1	90.5	91.8	92.8	93.4	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 3500	79.6	91.2	92.6	93.6	94.2	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 3000	80.2	92.2	93.7	94.8	95.5	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 2500	80.6	92.7	94.2	95.3	96.1	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 2000	81.1	93.5	95.0	96.1	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1800	81.1	93.6	95.1	96.2	97.0	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 1500	81.4	94.0	95.5	96.7	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1200	81.5	94.4	95.9	97.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 1000	81.6	94.5	96.1	97.2	98.0	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	81.6	94.6	96.2	97.3	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 800	81.6	94.6	96.2	97.4	98.2	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	81.6	94.6	96.2	97.4	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	81.6	94.6	96.3	97.4	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	81.6	94.6	96.3	97.5	98.4	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	81.6	94.6	96.3	97.6	98.5	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	81.6	94.6	96.3	97.6	98.5	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	81.6	94.6	96.3	97.6	98.5	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	81.6	94.6	96.3	97.6	98.5	98.9	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	81.6	94.6	96.3	97.6	98.5	98.9	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6627

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.8	63.5	64.3	65.0	65.9	66.1	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	65.1	74.2	75.2	76.0	77.1	77.2	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	65.2	74.3	75.3	76.2	77.2	77.3	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	65.3	74.5	75.4	76.3	77.3	77.5	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	65.6	74.9	75.8	76.7	77.8	77.9	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	67.3	76.9	77.9	78.8	79.8	80.0	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	72.2	82.8	83.8	84.9	85.9	86.0	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	72.6	83.4	84.5	85.6	86.6	86.7	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	74.1	85.6	86.7	87.8	88.8	89.0	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	74.6	86.2	87.4	88.4	89.4	89.6	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	75.4	87.1	88.3	89.3	90.4	90.5	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	76.7	88.9	90.1	91.2	92.2	92.4	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500	77.1	89.5	90.7	91.8	92.8	93.0	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	77.7	90.6	91.9	93.0	94.0	94.2	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	78.2	91.3	92.6	93.7	94.8	95.0	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	79.1	92.6	93.9	95.1	96.2	96.4	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 2500	79.5	93.1	94.5	95.7	96.8	97.0	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	79.9	93.6	95.0	96.2	97.4	97.6	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	80.1	93.7	95.2	96.4	97.6	97.8	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	80.2	94.0	95.5	96.7	97.9	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	80.4	94.2	95.7	96.9	98.2	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1000	80.5	94.3	95.8	97.1	98.3	98.5	99.0	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	80.5	94.4	95.9	97.2	98.4	98.6	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	80.6	94.5	96.0	97.3	98.5	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	80.6	94.6	96.1	97.4	98.6	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	80.6	94.6	96.2	97.4	98.6	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	80.6	94.6	96.2	97.4	98.6	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	80.7	94.6	96.2	97.5	98.7	99.0	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	80.7	94.6	96.2	97.5	98.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	80.7	94.6	96.2	97.5	98.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	80.7	94.6	96.2	97.5	98.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	80.7	94.6	96.2	97.5	98.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6728

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	51.8	57.0	57.6	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	65.2	72.7	73.5	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	65.3	72.8	73.6	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	65.4	72.9	73.8	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	66.0	73.6	74.5	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	68.9	77.4	78.3	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	73.7	84.0	85.2	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000	74.1	84.6	85.7	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	75.8	86.7	87.9	88.6	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	76.3	87.5	88.7	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	76.9	88.3	89.5	90.3	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	77.5	89.1	90.4	91.3	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	77.6	89.4	90.7	91.6	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	78.2	90.6	92.0	93.1	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	78.5	91.0	92.5	93.6	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	79.1	91.9	93.5	94.7	95.3	95.3	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	79.5	92.5	94.1	95.3	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	80.1	93.6	95.3	96.5	97.2	97.3	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	80.1	93.7	95.3	96.6	97.3	97.4	97.5	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	80.2	94.0	95.7	96.9	97.6	97.7	97.9	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	80.4	94.3	96.0	97.3	98.1	98.2	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	80.4	94.3	96.1	97.4	98.2	98.4	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	80.4	94.4	96.2	97.5	98.3	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 800	80.4	94.4	96.2	97.6	98.4	98.6	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 700	80.5	94.5	96.3	97.7	98.6	98.7	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	80.5	94.6	96.4	97.8	98.7	98.9	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 500	80.5	94.6	96.4	97.9	98.8	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 400	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	80.5	94.7	96.5	97.9	98.8	99.0	99.3	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6512

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUL (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	61.0	64.2	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	75.7	80.4	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	75.9	80.6	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	76.0	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000	77.3	82.2	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	79.7	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 10000	80.0	93.1	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 9000	86.3	93.5	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 8000	87.1	94.7	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 7000	87.4	95.0	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	87.5	95.1	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	87.9	95.8	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	88.0	95.9	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	88.2	96.2	96.7	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	88.3	96.3	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	88.8	97.5	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	89.0	97.8	98.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 2000	89.2	98.1	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	89.2	98.1	98.8	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	89.3	98.2	98.9	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	89.3	98.2	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1000	89.3	98.2	98.9	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	89.3	98.2	98.9	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	89.3	98.3	99.0	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	89.4	98.3	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	89.4	98.3	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	89.4	98.3	99.0	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	89.4	98.3	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	89.4	98.3	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	89.4	98.3	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	89.4	98.3	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	89.4	98.3	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6753

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.2	69.3	69.7	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
≥ 20000	76.5	82.1	82.6	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	76.5	82.3	82.7	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	76.7	82.4	82.9	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 14000	77.2	83.0	83.5	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
≥ 12000	80.1	86.3	86.8	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	85.7	93.2	93.7	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	86.0	93.7	94.2	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	87.0	94.9	95.4	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	87.0	95.0	95.5	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 6000	87.2	95.1	95.7	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 5000	87.3	95.4	96.0	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	87.3	95.5	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 4000	87.6	95.9	96.5	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	87.8	96.1	96.8	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	88.3	96.9	97.6	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	88.5	97.2	98.0	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 2000	88.8	97.7	98.5	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	88.8	97.8	98.6	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	88.9	97.8	98.7	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	88.9	97.9	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	89.0	97.9	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	89.0	97.9	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	89.0	98.0	98.8	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 700	89.0	98.0	98.8	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	89.0	98.0	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	89.0	98.0	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6694

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.8	64.4	64.6	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	72.2	77.3	77.6	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	72.3	77.4	77.7	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	72.4	77.5	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	73.2	78.3	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	75.6	81.6	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	81.4	88.7	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 9000	81.8	89.3	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 8000	83.3	91.2	91.7	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	83.6	91.5	92.0	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	83.9	91.8	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 5000	84.6	92.7	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 4500	84.8	93.0	93.5	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	85.3	93.6	94.2	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 3500	85.6	94.0	94.6	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	86.4	95.2	95.9	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.5	96.6	96.6	96.6
≥ 2500	86.9	96.0	96.7	97.2	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 2000	87.3	96.8	97.5	98.0	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 1800	87.3	96.8	97.6	98.1	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 1500	87.5	97.1	97.9	98.4	98.7	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1200	87.6	97.2	98.0	98.5	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 1000	87.7	97.3	98.1	98.7	99.0	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 900	87.7	97.4	98.3	98.8	99.2	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	87.8	97.5	98.3	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	87.8	97.5	98.4	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	87.8	97.5	98.4	98.9	99.3	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	87.8	97.5	98.4	98.9	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	87.8	97.6	98.4	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	87.8	97.6	98.4	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	87.8	97.6	98.4	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	87.8	97.6	98.4	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	87.8	97.6	98.4	99.0	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6512

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2¼	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.3	61.6	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	62.8	70.2	70.7	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	62.9	70.3	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	62.9	70.3	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	63.7	71.1	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	66.0	74.0	74.5	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	71.1	80.1	80.7	81.0	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	71.7	81.0	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	74.0	84.7	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	74.3	85.0	85.8	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	75.1	86.0	86.7	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	76.5	88.0	88.8	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4500	76.9	88.4	89.3	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	78.0	90.0	91.0	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	78.8	91.1	92.2	92.6	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	79.8	93.7	94.8	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	80.2	94.6	95.7	96.3	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	80.6	95.3	96.7	97.4	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1800	80.7	95.6	96.8	97.5	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	80.8	95.9	97.1	97.8	98.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1200	80.8	96.0	97.3	98.0	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1000	80.8	96.1	97.4	98.2	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 900	80.8	96.2	97.4	98.2	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	80.8	96.2	97.5	98.3	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700	80.9	96.3	97.6	98.4	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	80.9	96.4	97.7	98.4	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	80.9	96.4	97.7	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	80.9	96.4	97.7	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	80.9	96.4	97.8	98.5	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	80.9	96.4	97.8	98.5	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	80.9	96.4	97.8	98.5	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0
0	80.9	96.4	97.8	98.5	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6731

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5-16	≥¼	≥0
NO CEILING	60.9	66.1	66.4	66.6	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0
≥ 20000	65.6	71.3	71.7	71.9	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 18000	65.6	71.3	71.7	71.9	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 16000	65.6	71.4	71.7	71.9	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 14000	66.4	72.3	72.7	72.9	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4
≥ 12000	69.2	75.5	75.9	76.1	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 10000	72.7	79.6	80.2	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 9000	73.2	80.3	80.8	81.0	81.2	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6
≥ 8000	75.4	83.0	83.6	83.8	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 7000	76.9	85.0	85.6	85.9	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 6000	78.2	86.6	87.2	87.5	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 5000	80.8	89.6	90.2	90.5	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 4500	81.3	90.1	90.7	91.0	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 4000	83.1	92.3	92.9	93.3	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
≥ 3500	83.7	93.0	93.7	94.1	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
≥ 3000	84.5	94.2	95.0	95.4	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 2500	84.8	94.8	95.6	96.1	96.4	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 2000	85.1	95.5	96.3	96.8	97.2	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	85.2	95.6	96.4	97.0	97.4	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 1500	85.3	95.9	96.7	97.3	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 1200	85.4	96.1	97.0	97.6	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 1000	85.4	96.2	97.1	97.8	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 900	85.5	96.2	97.2	97.8	98.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 800	85.5	96.4	97.3	98.0	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 700	85.6	96.4	97.4	98.2	98.6	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 600	85.6	96.4	97.5	98.3	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6
≥ 500	85.6	96.4	97.5	98.3	98.9	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 400	85.6	96.5	97.6	98.4	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	85.6	96.5	97.6	98.4	99.1	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	85.6	96.5	97.6	98.4	99.1	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	85.6	96.5	97.6	98.4	99.1	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	85.6	96.5	97.6	98.4	99.1	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6501

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.1	65.1	65.4	65.9	66.0	66.0	66.1	66.1	66.1	66.2	66.3	66.3	66.4	66.4	66.5	66.5
≥ 20000	63.9	69.7	70.1	70.6	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.3	71.4
≥ 18000	63.9	69.7	70.1	70.6	70.8	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.4
≥ 16000	64.0	69.8	70.3	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.5	71.6
≥ 14000	64.2	70.1	70.5	70.9	71.2	71.2	71.3	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.7	71.8
≥ 12000	65.8	72.0	72.3	72.8	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.6	73.7
≥ 10000	68.9	75.9	76.3	76.8	77.1	77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.6	77.7
≥ 9000	69.6	76.6	77.0	77.6	77.8	77.8	78.0	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.4	78.5
≥ 8000	71.5	79.0	79.4	80.0	80.2	80.2	80.4	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.8	80.9
≥ 7000	72.3	79.9	80.3	80.9	81.1	81.2	81.3	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.8
≥ 6000	73.7	81.5	82.0	82.6	82.9	82.9	83.1	83.1	83.1	83.3	83.4	83.4	83.4	83.4	83.5	83.6
≥ 5000	75.8	84.2	84.8	85.4	85.8	85.8	86.0	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.5	86.6
≥ 4500	76.4	85.1	85.7	86.3	86.7	86.8	87.0	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.5	87.6
≥ 4000	78.6	87.8	88.4	89.2	89.6	89.7	90.0	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.5	90.6
≥ 3500	79.5	89.0	89.7	90.5	90.9	91.1	91.3	91.4	91.4	91.6	91.7	91.7	91.8	91.8	91.9	91.9
≥ 3000	80.3	90.1	90.8	91.7	92.2	92.3	92.6	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.2	93.2
≥ 2500	80.9	91.0	91.8	92.6	93.1	93.3	93.6	93.6	93.7	93.8	93.9	93.9	94.0	94.0	94.1	94.2
≥ 2000	81.4	92.0	92.8	93.8	94.4	94.6	94.9	95.0	95.1	95.3	95.4	95.4	95.4	95.4	95.6	95.6
≥ 1800	81.6	92.2	93.0	94.0	94.6	94.8	95.1	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.8	95.8
≥ 1500	81.7	92.5	93.4	94.4	95.1	95.2	95.6	95.7	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.3
≥ 1200	82.0	92.9	93.9	94.9	95.6	95.8	96.2	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.9	96.9
≥ 1000	82.1	93.1	94.1	95.2	95.9	96.1	96.5	96.7	96.7	97.0	97.0	97.0	97.1	97.1	97.3	97.3
≥ 900	82.3	93.4	94.4	95.5	96.2	96.4	96.8	97.0	97.0	97.3	97.3	97.3	97.5	97.5	97.6	97.6
≥ 800	82.4	93.6	94.6	95.8	96.5	96.7	97.1	97.3	97.3	97.6	97.7	97.7	97.8	97.8	97.9	98.0
≥ 700	82.5	93.9	94.9	96.0	96.7	97.0	97.4	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.2	98.2
≥ 600	82.6	94.0	95.0	96.1	96.9	97.2	97.6	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.3	98.4
≥ 500	82.7	94.1	95.2	96.4	97.2	97.5	97.9	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.8	98.9
≥ 400	82.7	94.1	95.2	96.4	97.3	97.6	98.2	98.4	98.5	98.7	98.8	98.8	98.9	98.9	99.1	99.2
≥ 300	82.7	94.1	95.2	96.4	97.4	97.7	98.3	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.3	99.4
≥ 200	82.7	94.1	95.2	96.4	97.4	97.7	98.3	98.6	98.7	98.9	99.1	99.1	99.2	99.2	99.4	99.7
≥ 100	82.7	94.1	95.2	96.4	97.4	97.7	98.3	98.6	98.7	99.0	99.1	99.1	99.3	99.3	99.6	99.9
≥ 0	82.7	94.1	95.2	96.4	97.4	97.7	98.3	98.6	98.7	99.0	99.1	99.1	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6716

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	56.5	63.4	64.6	65.2	65.7	66.0	66.3	66.3	66.4	66.7	66.8	66.8	66.8	66.9	66.9	66.9
≥ 20000	58.6	65.7	66.9	67.5	68.0	68.3	68.6	68.6	68.7	69.0	69.1	69.1	69.3	69.4	69.4	69.4
≥ 18000	58.6	65.7	66.9	67.5	68.0	68.3	68.6	68.6	68.7	69.0	69.1	69.1	69.3	69.4	69.4	69.4
≥ 16000	58.6	65.7	66.9	67.5	68.0	68.3	68.6	68.6	68.7	69.0	69.1	69.1	69.3	69.4	69.4	69.4
≥ 14000	59.0	66.1	67.4	67.9	68.4	68.7	69.0	69.0	69.1	69.4	69.5	69.5	69.7	69.8	69.8	69.8
≥ 12000	59.1	66.4	67.6	68.3	68.9	69.1	69.4	69.4	69.5	69.8	70.0	70.0	70.1	70.2	70.2	70.2
≥ 10000	62.1	70.0	71.2	71.9	72.4	72.7	73.0	73.0	73.1	73.4	73.5	73.5	73.7	73.8	73.8	73.8
≥ 9000	62.6	70.5	71.7	72.4	73.0	73.3	73.5	73.5	73.7	73.9	74.1	74.1	74.2	74.3	74.3	74.3
≥ 8000	66.1	74.9	76.1	76.8	77.4	77.6	77.9	77.9	78.1	78.3	78.5	78.5	78.6	78.7	78.7	78.7
≥ 7000	67.1	76.1	77.4	78.3	78.9	79.1	79.4	79.4	79.6	79.8	80.0	80.0	80.1	80.2	80.2	80.2
≥ 6000	69.8	79.3	80.5	81.5	82.0	82.3	82.6	82.6	82.7	83.0	83.1	83.1	83.3	83.4	83.4	83.4
≥ 5000	72.6	82.3	83.7	84.6	85.2	85.5	85.7	85.7	85.9	86.1	86.3	86.3	86.4	86.6	86.6	86.6
≥ 4500	72.8	82.7	84.1	85.0	85.6	85.9	86.1	86.1	86.3	86.6	86.7	86.7	86.8	87.0	87.0	87.0
≥ 4000	74.6	84.8	86.1	87.2	87.8	88.1	88.3	88.3	88.5	88.8	88.9	88.9	89.0	89.2	89.2	89.2
≥ 3500	75.7	86.1	87.5	88.6	89.2	89.4	89.7	89.7	89.8	90.1	90.3	90.3	90.4	90.5	90.5	90.5
≥ 3000	76.3	86.7	88.1	89.3	90.1	90.4	90.7	90.7	90.8	91.1	91.2	91.2	91.4	91.5	91.5	91.5
≥ 2500	77.0	87.8	89.2	90.4	91.2	91.5	91.8	91.8	91.9	92.3	92.5	92.5	92.6	92.7	92.7	92.7
≥ 2000	77.5	88.5	89.8	91.4	92.2	92.5	92.7	92.7	92.9	93.3	93.4	93.4	93.6	93.7	93.7	93.7
≥ 1800	77.5	88.8	90.1	91.6	92.5	92.7	93.0	93.0	93.1	93.6	93.7	93.7	93.8	94.0	94.0	94.0
≥ 1500	78.1	89.3	90.7	92.2	93.0	93.3	93.6	93.6	93.7	94.2	94.4	94.4	94.5	94.7	94.7	94.7
≥ 1200	78.6	90.0	91.4	92.9	93.7	94.0	94.5	94.5	94.7	95.2	95.3	95.3	95.5	95.6	95.6	95.6
≥ 1000	78.6	90.0	91.4	92.9	93.7	94.0	94.5	94.5	94.7	95.2	95.3	95.3	95.5	95.6	95.6	95.6
≥ 900	78.7	90.1	91.5	93.0	94.0	94.2	94.8	94.8	94.9	95.5	95.6	95.6	95.7	95.9	95.9	95.9
≥ 800	78.7	90.3	91.6	93.1	94.1	94.4	94.9	94.9	95.1	95.6	95.7	95.7	95.9	96.0	96.0	96.0
≥ 700	79.0	91.1	92.7	94.2	95.3	95.6	96.2	96.2	96.3	96.8	97.0	97.0	97.1	97.3	97.3	97.3
≥ 600	79.6	91.8	93.4	94.9	96.2	96.4	97.1	97.3	97.4	97.9	98.2	98.2	98.4	98.5	98.5	98.5
≥ 500	80.0	92.2	93.8	95.3	96.7	97.0	97.7	97.8	97.9	98.5	98.8	98.8	98.9	99.0	99.0	99.0
≥ 400	80.0	92.2	93.8	95.5	96.8	97.1	97.8	97.9	98.1	98.6	98.9	98.9	99.0	99.2	99.2	99.2
≥ 300	80.0	92.2	93.8	95.5	96.8	97.1	98.1	98.2	98.4	98.9	99.6	99.6	99.7	99.9	99.9	99.9
≥ 200	80.0	92.2	93.8	95.5	96.8	97.1	98.1	98.2	98.4	98.9	99.7	99.7	99.9	100.0	100.0	100.0
≥ 100	80.0	92.2	93.8	95.5	96.8	97.1	98.1	98.2	98.4	98.9	99.7	99.7	99.9	100.0	100.0	100.0
≥ 0	80.0	92.2	93.8	95.5	96.8	97.1	98.1	98.2	98.4	98.9	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 729

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 7-74 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.0	59.9	61.3	62.6	63.0	63.1	63.3	64.2	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.9
≥ 20000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.2	68.4	68.4	68.6
≥ 18000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.2	68.4	68.4	68.6
≥ 16000	56.5	63.7	65.1	66.3	66.7	66.9	67.5	68.0	68.1	68.1	68.2	68.2	68.2	68.4	68.4	68.6
≥ 14000	56.9	64.1	65.5	66.7	67.1	67.3	68.0	68.4	68.5	68.5	68.6	68.6	68.6	68.8	68.8	69.1
≥ 12000	58.6	65.7	67.1	68.5	68.9	69.1	69.8	70.2	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.9
≥ 10000	60.0	68.1	69.5	70.9	71.3	71.4	72.1	72.5	72.7	72.7	72.8	72.8	72.8	72.9	72.9	73.2
≥ 9000	60.6	68.1	69.6	71.0	71.4	71.5	72.2	72.7	72.8	72.8	72.9	72.9	72.9	73.1	73.1	73.3
≥ 8000	62.3	70.9	72.4	73.8	74.2	74.3	75.0	75.4	75.7	75.7	75.8	75.8	75.8	76.0	76.0	76.2
≥ 7000	62.8	71.4	72.9	74.3	74.7	74.9	75.6	76.0	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.8
≥ 6000	64.4	73.3	75.0	76.5	76.9	77.1	77.8	78.2	78.5	78.5	78.6	78.6	78.6	78.7	78.7	79.0
≥ 5000	67.1	76.7	78.3	79.8	80.2	80.4	81.2	81.8	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.6
≥ 4500	67.3	77.1	78.7	80.2	80.7	80.8	81.6	82.2	82.5	82.5	82.6	82.6	82.6	82.7	82.7	83.0
≥ 4000	68.2	78.7	80.4	81.9	82.3	82.5	83.3	83.8	84.1	84.1	84.3	84.2	84.3	84.4	84.4	84.7
≥ 3500	69.5	80.2	81.9	83.4	83.8	84.0	84.8	85.4	85.6	85.6	85.8	85.8	85.8	85.9	85.9	86.2
≥ 3000	70.2	81.2	82.9	84.5	84.9	85.1	85.9	86.5	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.3
≥ 2500	70.4	81.6	83.4	85.1	85.5	85.6	86.5	87.0	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.8
≥ 2000	71.3	82.7	84.5	86.2	86.7	86.9	87.7	88.3	88.5	88.5	88.7	88.7	88.7	88.8	88.8	89.1
≥ 1800	71.8	83.4	85.2	86.9	87.4	87.6	88.4	89.0	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.8
≥ 1500	72.0	83.6	85.4	87.0	87.8	88.0	88.8	89.5	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.3
≥ 1200	72.4	84.3	86.0	87.7	88.7	88.8	89.9	90.6	90.9	90.9	91.0	91.0	91.0	91.2	91.2	91.4
≥ 1000	72.5	84.4	86.2	87.8	88.8	89.0	90.2	91.0	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.9
≥ 900	72.5	84.7	86.5	88.1	89.2	89.4	90.6	91.4	91.7	91.7	91.9	91.9	92.0	92.1	92.1	92.4
≥ 800	72.7	85.1	86.9	88.7	89.9	90.1	91.3	92.1	92.4	92.5	92.7	92.7	92.8	93.0	93.0	93.2
≥ 700	72.8	85.6	87.6	89.5	90.9	91.0	92.3	93.1	93.4	93.5	93.6	93.6	93.8	93.9	93.9	94.2
≥ 600	73.5	86.7	88.7	90.7	92.1	92.3	93.5	94.3	94.6	94.8	94.9	94.9	95.0	95.2	95.2	95.4
≥ 500	73.9	87.6	89.5	91.7	93.1	93.2	94.0	95.4	95.7	95.9	96.0	96.0	96.1	96.3	96.3	96.5
≥ 400	73.9	87.7	89.6	92.0	93.4	93.5	94.3	95.7	96.0	96.1	96.3	96.3	96.4	96.5	96.7	97.0
≥ 300	73.9	87.7	89.6	92.0	93.4	93.5	95.0	95.9	96.1	96.4	96.7	96.7	96.8	97.0	97.1	97.5
≥ 200	73.9	87.8	89.8	92.1	93.6	93.8	95.4	96.4	96.7	97.0	97.2	97.2	97.3	97.4	97.5	97.9
≥ 100	73.9	87.8	89.8	92.1	93.6	93.8	95.4	96.4	96.7	97.0	97.3	97.3	97.4	97.5	97.6	98.0
≥ 0	73.9	87.8	89.8	92.1	93.6	93.8	95.4	96.4	96.7	97.0	97.3	97.3	97.4	97.5	97.6	98.0

TOTAL NUMBER OF OBSERVATIONS 724

FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 57-76 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	43.6	52.9	53.8	55.0	57.2	57.8	58.8	59.1	59.1	59.6	59.6	59.6	60.0	60.1	60.5	61.1
≥ 20000	46.4	56.8	57.8	59.0	61.4	62.0	62.9	63.3	63.3	63.8	63.8	63.8	64.3	64.4	64.9	65.8
≥ 18000	46.4	56.8	57.8	59.0	61.4	62.0	62.9	63.3	63.3	63.8	63.8	63.8	64.3	64.4	64.9	65.8
≥ 16000	46.4	56.8	57.8	59.0	61.4	62.0	62.9	63.3	63.3	63.8	63.8	63.8	64.3	64.4	64.9	65.8
≥ 14000	46.9	57.4	58.4	59.6	62.1	62.7	63.6	64.0	64.0	64.5	64.5	64.5	65.0	65.1	65.6	66.5
≥ 12000	48.5	59.6	60.7	61.8	64.3	64.9	65.8	66.2	66.2	66.8	66.8	66.8	67.3	67.4	67.8	68.8
≥ 10000	51.5	63.1	64.3	65.6	68.1	68.8	69.7	70.1	70.1	70.7	70.7	70.7	71.1	71.3	71.7	72.7
≥ 9000	51.5	63.1	64.4	65.7	68.2	68.9	69.8	70.2	70.2	70.8	70.8	70.8	71.3	71.4	71.8	72.8
≥ 8000	53.0	64.9	66.2	67.5	70.1	70.8	71.7	72.1	72.1	72.7	72.7	72.7	73.1	73.3	73.7	74.7
≥ 7000	53.7	66.0	67.3	68.6	71.1	72.0	72.9	73.3	73.3	73.9	73.9	73.9	74.3	74.4	75.0	76.0
≥ 6000	55.2	67.8	69.1	70.4	73.0	73.9	74.8	75.1	75.1	75.7	75.7	75.7	76.2	76.3	76.9	77.9
≥ 5000	58.1	71.0	72.4	73.7	76.3	77.1	78.1	78.4	78.4	79.0	79.2	79.2	79.6	79.7	80.3	81.4
≥ 4500	58.4	71.4	72.8	74.1	76.7	77.5	78.4	78.8	78.8	79.4	79.5	79.5	80.0	80.1	80.7	81.7
≥ 4000	60.1	73.4	74.8	76.1	78.7	79.5	80.4	80.8	80.8	81.5	81.6	81.6	82.1	82.2	82.8	83.9
≥ 3500	61.4	75.0	76.4	77.7	80.3	81.2	82.1	82.4	82.4	83.2	83.3	83.3	83.7	83.9	84.5	85.5
≥ 3000	62.0	76.0	77.4	78.7	81.4	82.2	83.2	83.5	83.5	84.2	84.3	84.3	84.8	84.9	85.5	86.6
≥ 2500	62.2	76.6	78.2	79.5	82.2	83.0	84.0	84.3	84.3	85.0	85.2	85.2	85.6	85.7	86.5	87.5
≥ 2000	62.9	77.6	79.3	80.6	83.4	84.2	85.2	85.6	85.6	86.3	86.5	86.5	86.9	87.0	87.8	88.8
≥ 1800	63.7	78.4	80.2	81.5	84.3	85.2	86.1	86.6	86.6	87.3	87.4	87.4	87.9	88.0	88.7	89.8
≥ 1500	64.2	79.0	80.8	82.1	84.9	85.7	86.7	87.2	87.2	87.9	88.0	88.0	88.5	88.6	89.3	90.3
≥ 1200	64.5	79.5	81.4	82.7	86.0	86.8	87.9	88.3	88.3	89.0	89.2	89.2	89.6	89.8	90.5	91.5
≥ 1000	65.0	80.3	82.4	83.7	87.0	87.9	88.9	89.5	89.5	90.3	90.5	90.5	90.9	91.0	91.8	92.8
≥ 900	65.1	80.7	82.9	84.2	87.5	88.3	89.5	90.1	90.1	90.9	91.0	91.0	91.5	91.6	92.3	93.4
≥ 800	65.1	80.8	83.0	84.3	88.0	88.8	90.2	90.8	90.8	91.6	91.8	91.8	92.2	92.3	93.1	94.1
≥ 700	65.3	81.4	83.7	85.0	88.8	89.6	91.0	91.6	91.6	92.5	92.6	92.6	93.1	93.2	93.9	94.9
≥ 600	65.7	82.1	84.5	85.7	89.5	90.3	91.9	92.5	92.5	93.3	93.4	93.4	93.9	94.0	94.7	95.8
≥ 500	65.8	82.4	84.9	86.2	90.0	90.8	92.5	93.1	93.1	94.0	94.1	94.1	94.7	94.8	95.6	96.7
≥ 400	65.8	82.7	85.2	86.5	90.3	91.2	92.9	93.5	93.5	94.5	94.7	94.7	95.3	95.4	96.2	97.4
≥ 300	65.8	82.8	85.3	86.6	90.5	91.3	93.1	93.6	93.6	94.8	95.2	95.2	95.8	95.9	96.7	98.0
≥ 200	65.8	82.8	85.3	86.6	90.5	91.3	93.1	93.6	93.6	94.8	95.2	95.2	95.9	96.0	96.8	98.6
≥ 100	65.8	82.8	85.3	86.6	90.5	91.3	93.1	93.6	93.6	94.8	95.3	95.3	96.2	96.3	97.6	99.8
0	65.8	82.8	85.3	86.6	90.5	91.3	93.1	93.6	93.6	94.8	95.3	95.3	96.3	96.5	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

FORM

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.6	57.6	58.4	58.9	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.9	59.8	59.8	59.9	60.1
≥ 20000	55.0	64.4	65.4	65.9	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.1
≥ 18000	55.0	64.4	65.4	65.9	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.9	66.8	66.8	66.9	67.1
≥ 16000	55.0	64.4	65.4	65.9	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.1
≥ 14000	55.5	65.0	66.0	66.6	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.8
≥ 12000	57.3	67.4	68.4	69.0	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.2
≥ 10000	59.0	69.5	70.8	71.5	72.0	72.0	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	73.1
≥ 9000	59.3	70.2	71.7	72.3	72.9	72.9	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.7	74.0
≥ 8000	61.2	72.3	74.0	74.9	75.5	75.5	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.6
≥ 7000	62.3	73.8	75.6	76.4	77.0	77.0	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	78.1
≥ 6000	63.4	75.4	77.2	78.1	78.9	78.9	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	80.0
≥ 5000	65.2	77.9	79.7	80.9	81.6	81.6	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.5	82.8
≥ 4500	66.0	78.7	80.4	81.6	82.4	82.4	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.6
≥ 4000	67.5	80.4	82.2	83.4	84.2	84.2	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.0	85.4
≥ 3500	68.5	81.4	83.2	84.4	85.1	85.1	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	86.0	86.3
≥ 3000	69.1	82.7	84.5	85.8	86.6	86.7	87.1	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.7	88.0
≥ 2500	69.5	83.9	85.7	87.0	87.8	87.9	88.3	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.9	89.2
≥ 2000	70.3	85.4	87.2	88.6	89.4	89.6	90.1	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.6	90.9
≥ 1800	70.5	85.8	87.7	89.1	89.8	90.1	90.5	90.6	90.6	90.8	90.9	90.9	90.9	90.9	91.0	91.4
≥ 1500	71.0	86.7	88.6	90.1	90.8	91.0	91.5	91.6	91.6	91.8	91.9	91.9	91.9	91.9	92.0	92.3
≥ 1200	71.4	87.4	89.5	91.0	91.8	92.0	92.6	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.2	93.6
≥ 1000	71.4	87.9	90.3	91.9	92.7	92.9	93.4	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.5
≥ 900	71.4	87.9	90.3	91.9	92.8	93.0	93.7	93.9	94.0	94.3	94.4	94.4	94.4	94.4	94.5	94.9
≥ 800	71.4	88.1	90.6	92.3	93.3	93.6	94.3	94.5	94.6	95.1	95.2	95.2	95.2	95.2	95.3	95.6
≥ 700	71.4	88.2	90.8	92.7	93.8	94.1	94.9	95.1	95.2	95.6	95.7	95.7	95.7	95.7	95.8	96.2
≥ 600	71.5	88.5	91.4	93.7	94.8	95.1	95.8	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.8	97.2
≥ 500	71.6	88.9	91.8	94.2	95.5	96.0	96.8	97.0	97.3	97.7	97.9	97.9	97.9	97.9	98.0	98.4
≥ 400	71.6	88.9	91.8	94.2	95.6	96.2	97.2	97.5	97.7	98.1	98.5	98.5	98.5	98.5	98.6	98.9
≥ 300	71.6	88.9	91.8	94.2	95.7	96.3	97.3	97.7	97.9	98.4	98.7	98.7	98.8	98.8	99.0	99.3
≥ 200	71.6	88.9	91.8	94.2	95.8	96.4	97.4	97.8	98.0	98.6	98.9	98.9	99.2	99.2	99.5	99.8
≥ 100	71.6	88.9	91.8	94.2	95.8	96.4	97.4	97.8	98.0	98.6	98.9	98.9	99.3	99.3	99.6	100.0
≥ 0	71.6	88.9	91.8	94.2	95.8	96.4	97.4	97.8	98.0	98.6	98.9	98.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1⅛	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.5	56.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	63.3	67.4	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	63.3	67.4	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 16000	63.4	67.5	67.9	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
≥ 14000	63.8	68.0	68.3	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	64.8	69.1	69.5	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	68.8	73.6	74.2	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
≥ 9000	69.3	74.2	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	71.4	76.5	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	72.6	78.0	78.7	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	74.6	79.9	80.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	76.5	82.3	83.2	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	77.3	83.1	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	79.1	85.3	86.2	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	79.7	86.3	87.3	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	80.6	87.9	88.9	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	81.0	89.1	90.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	82.2	90.6	91.8	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	82.5	90.8	92.2	93.2	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	83.0	91.3	92.8	93.8	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	83.3	92.2	93.6	94.7	95.4	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	83.3	92.9	94.7	95.7	96.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	83.6	93.2	95.2	96.2	96.9	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	83.6	93.5	95.8	96.9	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	83.6	93.8	96.2	97.4	98.1	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	83.6	94.0	96.5	97.7	98.6	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	83.6	94.1	96.7	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	83.7	94.2	96.8	98.1	99.0	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	83.7	94.2	96.8	98.1	99.0	99.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	83.7	94.2	96.8	98.1	99.0	99.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	83.7	94.2	96.8	98.1	99.0	99.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
0	83.7	94.2	96.8	98.1	99.0	99.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 912

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.8	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	65.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 18000	65.5	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	65.8	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	66.4	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	67.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	71.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	72.0	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	73.6	79.7	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.5	80.6	80.6	80.6
≥ 7000	75.1	81.5	82.0	82.1	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	76.6	82.9	83.6	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	78.5	85.3	86.1	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	79.1	86.1	86.9	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	80.9	88.5	89.3	89.5	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	81.7	89.6	90.4	90.7	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	82.9	90.8	91.7	92.0	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	83.4	91.5	92.3	92.7	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	84.0	92.6	93.5	94.1	94.4	94.4	94.4	94.4	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1800	84.1	92.8	93.9	94.4	94.7	94.7	94.7	94.7	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1500	84.3	93.1	94.3	95.0	95.3	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1200	84.7	93.5	94.9	95.7	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.5	96.5	96.5	96.5
≥ 1000	84.9	94.2	95.5	96.6	96.9	97.0	97.0	97.0	97.2	97.2	97.3	97.3	97.6	97.6	97.6	97.6
≥ 900	84.9	94.4	95.7	96.8	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.8	97.8	97.8	97.8
≥ 800	84.9	94.9	96.2	97.3	97.7	97.8	97.8	97.8	97.9	98.0	98.1	98.1	98.5	98.5	98.5	98.5
≥ 700	84.9	95.3	96.6	97.7	98.1	98.2	98.2	98.2	98.4	98.5	98.6	98.6	98.9	98.9	98.9	98.9
≥ 600	84.9	95.4	96.7	97.8	98.5	98.6	98.7	98.7	98.8	98.9	99.0	99.0	99.3	99.3	99.3	99.3
≥ 500	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.6	99.6	99.6	99.6
≥ 400	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.6	99.6	99.6	99.6
≥ 300	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.6	99.6	99.6	99.6
≥ 200	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.9	99.0	99.2	99.3	99.3	99.7	99.7	99.8	99.9
≥ 100	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.9	99.0	99.2	99.3	99.3	99.7	99.7	99.8	100.0
≥ 0	84.9	95.4	96.7	97.9	98.6	98.7	98.8	98.9	99.0	99.2	99.3	99.3	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 913

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.5	62.7	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
≥ 20000	61.4	68.4	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 18000	61.4	68.4	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 16000	61.4	68.4	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 14000	62.2	69.1	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 12000	63.6	71.0	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 10000	66.4	74.4	75.1	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 9000	66.9	75.3	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 8000	69.1	78.0	78.9	79.1	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8
≥ 7000	69.8	79.0	79.9	80.1	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 6000	72.2	81.5	82.5	82.7	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
≥ 5000	74.0	83.6	84.8	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 4500	74.4	84.2	85.4	85.7	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 4000	75.8	86.3	87.5	88.0	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 3500	77.1	87.8	89.0	89.6	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
≥ 3000	78.5	89.6	90.8	91.3	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 2500	79.0	90.7	92.0	92.5	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 2000	79.8	91.9	93.4	94.0	94.5	94.6	94.7	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1800	79.8	92.0	93.5	94.1	94.6	94.7	94.9	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.6
≥ 1500	79.9	92.3	94.1	94.6	95.2	95.3	95.5	95.6	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.2
≥ 1200	80.1	93.1	94.9	95.5	96.0	96.2	96.4	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	97.0
≥ 1000	80.3	93.5	95.4	96.0	96.6	96.7	96.9	97.0	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.6
≥ 900	80.3	93.6	95.6	96.3	96.8	96.9	97.1	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8
≥ 800	80.3	94.1	96.0	96.7	97.3	97.4	97.6	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.2
≥ 700	80.4	94.3	96.3	97.0	97.6	97.7	97.9	98.0	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.6
≥ 600	80.7	94.5	96.5	97.4	98.0	98.1	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0
≥ 500	80.7	94.5	96.5	97.4	98.0	98.1	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0
≥ 400	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6
≥ 300	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6
≥ 200	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	80.7	94.5	96.5	97.4	98.1	98.2	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.2	67.4	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.5
≥ 20000	64.5	70.9	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	72.0
≥ 18000	64.5	70.9	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	72.0
≥ 16000	64.5	70.9	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	72.0
≥ 14000	65.5	71.9	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	73.0
≥ 12000	66.1	72.5	72.9	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.5	73.5	73.6	73.6	73.6	73.7
≥ 10000	68.9	76.3	76.8	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.5
≥ 9000	69.3	76.8	77.2	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.8	77.8	77.9	77.9	77.9	78.0
≥ 8000	72.7	80.5	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.7
≥ 7000	73.0	81.6	82.3	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	83.0
≥ 6000	75.2	84.4	84.9	85.0	85.1	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.7
≥ 5000	77.0	86.1	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.6	87.6	87.7	87.7	87.7	87.8
≥ 4500	77.3	86.5	87.3	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.1
≥ 4000	78.9	88.3	89.2	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.8	89.8	89.9	89.9	89.9	90.0
≥ 3500	80.2	90.0	90.9	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.6
≥ 3000	81.8	92.1	93.0	93.1	93.2	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.8
≥ 2500	82.8	93.2	94.1	94.2	94.3	94.4	94.8	94.8	94.9	94.9	95.0	95.0	95.2	95.2	95.2	95.3
≥ 2000	83.4	94.1	94.9	95.3	95.4	95.5	95.9	95.9	96.0	96.0	96.1	96.1	96.3	96.3	96.3	96.4
≥ 1800	83.6	94.3	95.2	95.5	95.6	95.7	96.1	96.1	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.6
≥ 1500	83.8	94.6	95.5	95.8	95.9	96.0	96.5	96.5	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9
≥ 1200	83.9	95.2	96.0	96.4	96.5	96.6	97.0	97.0	97.1	97.1	97.2	97.2	97.4	97.4	97.4	97.5
≥ 1000	84.0	95.4	96.3	96.6	96.7	96.8	97.2	97.2	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.7
≥ 900	84.0	95.4	96.3	96.6	96.7	96.8	97.2	97.2	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.7
≥ 800	84.3	95.9	96.8	97.1	97.2	97.4	97.8	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.2
≥ 700	84.6	96.3	97.2	97.7	97.8	97.9	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.9
≥ 600	84.7	96.6	97.6	98.0	98.1	98.2	98.8	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.2
≥ 500	84.8	96.7	97.7	98.1	98.2	98.3	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4
≥ 400	84.8	96.8	97.8	98.3	98.6	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 300	84.8	96.8	97.8	98.3	98.6	98.8	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	84.8	96.8	97.8	98.3	98.6	98.8	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	84.8	96.8	97.8	98.3	98.6	98.8	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	84.8	96.8	97.8	98.3	98.6	98.8	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 908

FORM

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74,76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.5	66.4	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	66.4	70.6	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 18000	66.5	70.7	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9	71.9	72.1	72.1	72.1	72.1
≥ 16000	66.8	71.0	71.6	71.9	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.4	72.4	72.4	72.4
≥ 14000	67.0	71.2	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.4	72.4	72.4	72.5	72.5	72.5	72.5
≥ 12000	68.2	72.4	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.9	73.9	73.9	73.9
≥ 10000	70.6	75.1	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.4	76.4	76.4	76.6	76.6	76.6	76.6
≥ 9000	71.3	75.8	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.2	77.2	77.2	77.3	77.3	77.3	77.3
≥ 8000	73.4	78.1	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6
≥ 7000	74.9	80.0	80.8	81.1	81.1	81.1	81.1	81.2	81.2	81.5	81.5	81.5	81.7	81.7	81.7	81.7
≥ 6000	77.5	82.7	83.5	83.8	83.8	83.8	83.8	83.9	83.9	84.2	84.2	84.2	84.4	84.4	84.4	84.4
≥ 5000	79.9	85.3	86.0	86.3	86.3	86.3	86.3	86.5	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 4500	80.8	86.2	86.9	87.2	87.2	87.2	87.2	87.4	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 4000	82.1	87.8	88.6	88.9	88.9	89.0	89.0	89.2	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 3500	83.5	89.8	90.5	90.8	90.8	91.1	91.1	91.3	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 3000	83.8	90.8	91.7	92.0	92.0	92.3	92.3	92.5	92.5	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 2500	84.4	91.4	92.3	92.6	92.6	92.9	92.9	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 2000	85.3	92.3	93.2	93.5	93.5	94.0	94.0	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥ 1800	85.4	92.8	93.7	94.0	94.0	94.4	94.4	94.6	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 1500	85.7	93.5	94.4	94.7	94.9	95.5	95.5	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 1200	86.6	94.6	95.5	95.8	96.1	96.7	96.8	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1000	86.8	94.7	96.1	96.4	96.7	97.3	97.4	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 900	86.8	94.7	96.1	96.4	96.7	97.3	97.4	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 800	86.8	94.7	96.1	96.4	96.8	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.2	98.2	98.2	98.2
≥ 700	86.8	94.7	96.1	96.4	97.0	97.6	97.9	98.0	98.0	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 600	86.8	94.7	96.1	96.4	97.1	97.7	98.0	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	86.9	94.9	96.2	96.5	97.4	98.0	98.3	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 400	86.9	94.9	96.2	96.5	97.7	98.3	98.6	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	86.9	94.9	96.2	96.5	97.9	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 200	86.9	94.9	96.2	96.5	97.9	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.8
≥ 100	86.9	94.9	96.2	96.5	97.9	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.8	100.0	100.0	100.0
≥ 0	86.9	94.9	96.2	96.5	97.9	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 666

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 71-74,76 YEARS — FEB MONTH

0300-0500 HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.6	61.8	62.3	62.3	62.4	62.4	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.2	63.2
≥ 20000	59.2	65.9	66.3	66.3	66.5	66.5	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.2	67.2
≥ 18000	59.2	65.9	66.3	66.3	66.5	66.5	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.2	67.2
≥ 16000	59.3	66.0	66.5	66.5	66.6	66.6	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.4	67.4
≥ 14000	60.1	66.8	67.2	67.2	67.4	67.4	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 12000	62.4	69.2	69.7	69.7	69.9	69.9	70.2	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.6	70.6
≥ 10000	65.6	72.4	73.2	73.2	73.3	73.3	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	74.1	74.1
≥ 9000	65.7	72.6	73.3	73.3	73.5	73.5	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.2	74.2
≥ 8000	67.7	74.7	75.4	75.4	75.6	75.6	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.3	76.3
≥ 7000	68.3	75.3	76.0	76.0	76.2	76.2	76.5	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.9	76.9
≥ 6000	70.9	78.1	78.8	78.8	79.0	79.0	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 5000	74.5	81.8	82.6	82.6	82.7	82.7	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.5	83.5
≥ 4500	75.4	82.9	83.6	83.6	83.8	83.8	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 4000	76.6	84.1	84.8	84.8	84.9	84.9	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.7	85.7
≥ 3500	77.6	85.5	86.3	86.3	86.4	86.4	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.2	87.2
≥ 3000	78.4	86.3	87.3	87.3	87.5	87.5	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.4	88.4
≥ 2500	79.0	87.2	88.2	88.4	88.5	88.5	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.4	89.4
≥ 2000	80.5	89.1	90.2	90.3	90.5	90.5	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 1800	80.6	89.6	90.6	90.8	90.9	90.9	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	92.0	92.0
≥ 1500	81.5	90.6	91.8	92.0	92.1	92.1	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 1200	82.6	92.0	93.3	93.4	93.6	93.6	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 1000	82.7	92.1	93.4	93.6	93.7	93.7	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.8	94.8
≥ 900	82.7	92.1	93.4	93.6	93.7	93.7	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.8	94.8
≥ 800	82.7	92.3	93.6	93.9	94.0	94.0	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	95.1	95.1
≥ 700	82.9	92.4	94.0	94.3	94.6	94.6	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.7	95.7
≥ 600	83.3	93.0	94.6	94.9	95.5	95.5	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.6	96.6
≥ 500	83.3	93.1	94.9	95.5	96.4	96.4	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.5	97.5
≥ 400	83.5	93.3	95.1	95.8	96.9	96.9	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 300	83.5	93.3	95.2	96.1	97.2	97.2	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.7	98.7
≥ 200	83.5	93.3	95.2	96.1	97.2	97.2	98.2	98.2	98.2	98.5	98.5	98.5	98.8	98.8	99.1	99.1
≥ 100	83.5	93.3	95.2	96.1	97.2	97.2	98.2	98.2	98.2	98.5	98.5	98.5	99.0	99.0	99.4	99.9
0	83.5	93.3	95.2	96.1	97.2	97.2	98.2	98.4	98.4	98.7	98.7	98.7	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 671

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.0	52.5	54.3	54.9	55.3	55.3	55.8	55.8	55.8	56.0	56.0	56.0	56.2	56.3	56.3	56.9
≥ 20000	46.4	58.0	59.8	60.4	60.8	60.8	61.3	61.3	61.3	61.4	61.4	61.4	61.7	61.8	61.8	62.3
≥ 18000	46.4	58.0	59.8	60.4	60.8	60.8	61.3	61.3	61.3	61.4	61.4	61.4	61.7	61.8	61.8	62.3
≥ 16000	46.8	58.5	60.3	61.0	61.4	61.4	61.9	61.9	61.9	62.1	62.1	62.1	62.3	62.4	62.4	62.9
≥ 14000	47.1	59.0	60.8	61.5	61.9	61.9	62.4	62.4	62.4	62.6	62.6	62.6	62.8	62.9	62.9	63.5
≥ 12000	49.4	61.7	63.6	64.3	64.7	64.7	65.2	65.2	65.2	65.4	65.4	65.4	65.6	65.7	65.7	66.2
≥ 10000	53.6	66.1	68.3	69.0	69.4	69.4	69.9	69.9	69.9	70.1	70.1	70.1	70.3	70.4	70.4	70.9
≥ 9000	54.1	66.8	68.9	69.7	70.1	70.1	70.7	70.7	70.7	70.8	70.8	70.8	71.1	71.2	71.2	71.7
≥ 8000	55.7	68.9	71.4	72.2	72.6	72.6	73.2	73.2	73.2	73.4	73.4	73.4	73.6	73.7	73.7	74.2
≥ 7000	57.0	70.8	73.4	74.1	74.5	74.5	75.1	75.1	75.1	75.3	75.3	75.3	75.5	75.6	75.6	76.1
≥ 6000	58.0	72.3	74.9	75.6	76.0	76.0	76.6	76.6	76.6	76.8	76.8	76.8	77.0	77.2	77.2	77.7
≥ 5000	62.1	76.9	79.4	80.2	80.6	80.6	81.2	81.2	81.2	81.3	81.3	81.3	81.6	81.7	81.7	82.2
≥ 4500	63.7	78.7	81.2	82.0	82.4	82.4	83.0	83.0	83.0	83.1	83.1	83.1	83.4	83.5	83.5	84.0
≥ 4000	65.5	81.1	83.6	84.4	84.8	84.8	85.4	85.4	85.4	85.5	85.5	85.5	85.8	85.9	85.9	86.4
≥ 3500	66.2	82.5	85.0	85.8	86.2	86.2	86.8	86.8	86.8	86.9	86.9	86.9	87.2	87.3	87.3	87.8
≥ 3000	66.5	83.0	85.8	86.5	87.2	87.2	87.8	87.8	87.8	87.9	87.9	87.9	88.2	88.3	88.3	88.8
≥ 2500	66.6	83.1	85.9	86.9	87.6	87.6	88.2	88.2	88.2	88.3	88.3	88.3	88.6	88.7	88.7	89.2
≥ 2000	67.6	84.5	87.3	88.3	89.0	89.0	89.6	89.6	89.6	89.8	89.8	89.8	90.2	90.4	90.4	90.9
≥ 1800	68.0	85.3	88.1	89.1	89.7	89.7	90.4	90.4	90.4	90.7	90.7	90.7	91.1	91.2	91.2	91.8
≥ 1500	68.3	85.7	88.5	89.6	90.4	90.4	91.0	91.0	91.0	91.4	91.4	91.4	91.6	91.9	91.9	92.4
≥ 1200	69.0	86.9	90.0	91.1	91.9	91.9	92.5	92.5	92.5	92.9	92.9	92.9	93.3	93.4	93.4	93.9
≥ 1000	69.0	87.1	90.1	91.2	92.0	92.0	92.6	92.6	92.6	93.0	93.0	93.0	93.4	93.5	93.5	94.0
≥ 900	69.2	87.3	90.4	91.5	92.3	92.3	92.9	92.9	92.9	93.3	93.3	93.3	93.7	93.8	93.8	94.3
≥ 800	69.2	87.6	90.6	91.8	92.6	92.6	93.3	93.3	93.3	93.7	93.7	93.7	94.0	94.2	94.2	94.7
≥ 700	69.3	87.8	91.1	92.4	93.4	93.4	94.0	94.0	94.0	94.4	94.4	94.4	94.8	94.9	94.9	95.4
≥ 600	69.4	88.2	91.6	92.9	93.9	93.9	94.5	94.5	94.5	94.9	94.9	94.9	95.3	95.4	95.4	96.1
≥ 500	69.4	88.3	91.8	93.0	94.4	94.4	95.2	95.2	95.2	95.7	95.7	95.7	96.1	96.2	96.3	97.0
≥ 400	69.4	88.5	91.9	93.4	94.9	94.9	95.7	95.7	95.7	96.2	96.2	96.2	96.6	96.7	96.8	97.5
≥ 300	69.4	88.6	92.0	93.7	95.2	95.2	96.2	96.2	96.3	97.0	97.1	97.1	97.5	97.6	98.1	98.7
≥ 200	69.4	88.7	92.1	93.8	95.3	95.3	96.3	96.3	96.4	97.1	97.2	97.2	97.6	97.7	98.4	99.1
≥ 100	69.4	88.7	92.1	93.8	95.3	95.3	96.3	96.3	96.4	97.1	97.2	97.2	97.6	97.8	98.5	99.6
0	69.4	88.7	92.1	93.8	95.3	95.3	96.3	96.3	96.4	97.1	97.2	97.2	97.6	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 788

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.5	55.5	56.3	56.9	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.7
≥ 20000	55.8	63.4	64.3	64.9	65.3	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	66.0
≥ 18000	56.0	64.0	64.9	65.5	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.6
≥ 16000	56.0	64.0	64.9	65.5	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.5	6 .5	66.5	66.6
≥ 14000	56.5	65.0	66.0	66.6	66.9	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.5	6 .5	67.5	67.7
≥ 12000	59.0	68.1	69.2	69.8	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.9
≥ 10000	64.1	74.1	75.1	75.7	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.8
≥ 9000	64.3	75.0	76.1	76.7	77.0	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.7
≥ 8000	65.2	76.3	77.5	78.1	78.4	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.3
≥ 7000	66.4	77.7	78.9	79.5	79.9	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.8
≥ 6000	67.2	78.8	80.1	80.7	81.0	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	82.0
≥ 5000	69.9	81.8	83.2	83.8	84.2	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2
≥ 4500	71.0	82.9	84.5	85.2	85.7	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.6
≥ 4000	73.2	86.3	87.9	88.9	89.3	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.3
≥ 3500	73.8	86.8	88.4	89.3	89.8	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.8
≥ 3000	74.3	87.3	89.2	90.2	90.6	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6
≥ 2500	74.6	87.8	89.7	90.6	91.1	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	92.1
≥ 2000	75.7	89.1	91.0	91.9	92.5	92.7	93.2	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.7
≥ 1800	76.1	89.5	91.4	92.3	92.9	93.1	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.3
≥ 1500	76.4	90.6	92.7	93.7	94.3	94.5	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.9
≥ 1200	76.7	91.2	93.2	94.3	94.9	95.1	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.4
≥ 1000	76.8	91.7	93.7	94.9	95.5	95.7	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 900	76.9	91.9	94.2	95.5	96.1	96.3	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6
≥ 800	76.9	92.1	94.3	95.7	96.4	96.7	97.5	97.6	97.7	97.7	97.7	97.7	97.9	97.9	97.9	98.0
≥ 700	77.1	92.4	94.7	96.1	96.8	97.2	98.1	98.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.6
≥ 600	77.1	92.4	94.8	96.2	97.0	97.4	98.3	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 500	77.1	92.4	95.0	96.4	97.3	97.6	98.7	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2
≥ 400	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.4
≥ 300	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.2	99.2	99.3	99.4	99.5	99.6
≥ 200	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.2	99.2	99.3	99.4	99.5	99.6
≥ 100	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.2	99.2	99.4	99.5	99.6	100.0
0	77.1	92.4	95.0	96.6	97.4	97.7	98.8	98.9	99.1	99.1	99.2	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 844

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	64.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	64.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	64.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	65.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	66.8	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
≥ 10000	70.6	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	75.6
≥ 9000	71.3	76.3	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	73.3	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	73.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000	74.8	82.1	82.2	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
≥ 5000	77.8	85.5	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
≥ 4500	78.2	85.9	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	80.7	88.9	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	81.3	90.0	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	82.7	91.8	92.3	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	83.6	93.2	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	85.3	95.1	95.6	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	85.8	95.6	96.1	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	86.0	96.0	96.4	97.0	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	86.5	96.4	96.9	97.5	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	86.6	96.7	97.3	97.9	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	86.6	96.7	97.3	97.9	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	86.7	96.9	97.5	98.1	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	86.7	96.9	97.5	98.1	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	86.8	97.3	98.0	98.7	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	86.8	97.3	98.0	98.8	99.2	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	86.8	97.3	98.0	98.8	99.2	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	86.8	97.3	98.0	98.8	99.2	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	86.8	97.3	98.0	98.8	99.2	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	86.8	97.3	98.0	98.8	99.2	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	86.8	97.3	98.0	98.8	99.2	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) FEB (MONTH)

1500-1700 (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.6	58.6	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	64.6	69.3	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	64.9	69.7	69.9	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	64.9	69.7	69.9	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	65.3	70.3	70.5	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	67.9	73.5	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	70.6	76.4	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	71.4	77.4	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	74.3	80.8	81.4	81.5	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	75.7	82.7	83.3	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	75.9	82.9	83.9	84.0	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	78.5	86.3	87.5	87.8	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	79.0	86.8	87.9	88.3	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	80.9	89.3	90.7	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	81.7	90.3	91.9	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	82.8	92.1	93.1	95.0	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	83.5	92.8	94.4	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	84.6	93.9	95.5	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	84.6	93.9	95.5	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	84.8	94.5	96.2	97.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	85.3	95.6	97.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	85.3	95.7	97.4	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	85.4	95.9	97.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	85.4	95.9	97.7	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	85.4	95.9	97.7	99.2	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 538

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	55.6	60.7	60.9	61.1	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	61.9	68.3	68.4	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 18000	61.9	68.3	68.4	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	61.9	68.3	68.4	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	62.1	68.4	68.5	68.7	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	64.1	70.8	71.2	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	66.1	73.3	73.9	74.3	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	66.9	74.5	75.1	75.5	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	70.3	78.6	79.2	79.7	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	71.4	80.4	81.0	81.5	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	72.7	82.1	82.7	83.2	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	75.1	85.2	85.8	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	75.9	86.2	86.8	87.4	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	77.4	88.9	89.6	90.5	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	78.8	90.7	91.4	92.6	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	79.6	92.5	93.4	94.6	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	80.3	93.2	94.2	95.3	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	80.9	94.0	95.0	96.2	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	81.1	94.3	95.3	96.5	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	81.5	94.7	95.9	97.3	97.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	81.6	95.1	96.3	97.6	98.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	81.9	95.6	96.8	98.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	81.9	95.6	96.8	98.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	82.0	95.7	96.9	98.4	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	82.0	95.7	96.9	98.4	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	82.0	95.7	97.0	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.1	95.8	97.1	98.7	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	82.1	95.8	97.1	98.7	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 838

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) Feb (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.0	65.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	66.0	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	66.0	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	66.1	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	66.1	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	67.5	73.3	73.6	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
≥ 10000	70.3	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	71.1	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	73.6	80.7	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	75.0	82.6	82.8	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
≥ 6000	76.0	83.7	84.0	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	77.8	86.0	86.3	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	78.9	87.0	87.4	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	80.3	89.2	89.7	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	81.3	91.1	91.6	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	82.0	92.4	93.2	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	82.4	93.0	93.8	94.6	95.0	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	83.1	93.9	94.6	95.4	95.8	95.8	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	83.2	94.0	94.7	95.6	95.9	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	83.2	94.0	94.8	95.8	96.3	96.3	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	83.2	94.1	95.0	95.9	96.4	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	83.8	95.1	96.0	97.1	97.7	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	83.8	95.1	96.3	97.4	98.0	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	83.8	95.2	96.4	97.5	98.1	98.1	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	83.8	95.3	96.5	97.6	98.3	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	84.2	95.7	96.9	98.0	98.8	98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	84.2	95.7	96.9	98.0	98.8	98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	84.2	95.8	97.0	98.2	99.0	99.0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	84.2	95.8	97.0	98.2	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.2	95.8	97.0	98.2	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.2	95.8	97.0	98.2	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	84.2	95.8	97.0	98.2	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 833

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.2	71.1	71.4	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.1
≥ 20000	72.5	75.6	75.8	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7
≥ 18000	72.7	75.8	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
≥ 16000	72.7	75.8	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
≥ 14000	72.7	75.8	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
≥ 12000	74.1	77.7	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8
≥ 10000	76.4	80.3	80.6	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4
≥ 9000	76.7	80.6	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9
≥ 8000	78.3	83.1	83.5	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5
≥ 7000	80.0	85.2	85.7	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
≥ 6000	81.9	87.4	88.0	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9
≥ 5000	85.0	90.8	91.4	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 4500	85.2	91.5	92.0	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.3
≥ 4000	85.8	93.0	93.5	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.7
≥ 3500	86.4	93.9	94.5	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7
≥ 3000	87.6	95.3	95.8	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 2500	87.9	96.0	96.5	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7
≥ 2000	88.1	96.5	97.0	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 1800	88.1	96.5	97.0	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
≥ 1500	88.4	96.9	97.6	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 1200	88.5	97.3	98.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 1000	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6
≥ 900	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6
≥ 800	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6
≥ 700	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6
≥ 600	88.5	97.4	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6
≥ 500	88.5	97.4	98.1	98.7	99.3	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥ 400	88.5	97.4	98.1	98.7	99.3	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥ 300	88.5	97.4	98.1	98.7	99.3	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥ 200	88.5	97.4	98.1	98.7	99.3	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥ 100	8.5	97.4	98.1	98.7	99.3	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	100.0
≥ 0	80.5	97.4	98.1	98.7	99.3	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 741

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-75 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.0	68.5	69.3	70.0	70.1	70.3	70.3	70.5	70.7	70.7	70.7	70.7	70.9	70.9	70.9	71.5
≥ 20000	64.6	71.6	72.8	73.5	73.6	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.5	74.5	74.5	75.0
≥ 18000	64.6	71.6	72.8	73.5	73.6	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.5	74.5	74.5	75.0
≥ 16000	64.6	71.6	72.8	73.5	73.6	73.8	73.8	74.1	74.2	74.2	74.2	74.2	74.5	74.5	74.5	75.0
≥ 14000	65.0	72.0	73.2	73.9	74.1	74.2	74.2	74.5	74.6	74.6	74.6	74.6	74.9	74.9	74.9	75.4
≥ 12000	66.4	73.4	74.7	75.5	75.7	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.5	76.5	76.5	77.0
≥ 10000	68.4	75.8	77.6	78.4	78.5	78.6	78.6	78.9	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.9
≥ 9000	68.8	76.8	78.5	79.3	79.5	79.6	79.6	79.9	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.8
≥ 8000	70.4	78.6	80.4	81.4	81.5	81.6	81.6	81.9	82.0	82.2	82.2	82.2	82.4	82.4	82.4	83.0
≥ 7000	71.9	80.3	82.0	83.0	83.1	83.2	83.2	83.5	83.6	83.8	83.8	83.8	84.1	84.1	84.1	84.6
≥ 6000	72.3	81.2	83.0	83.9	84.1	84.2	84.2	84.5	84.6	84.7	84.7	84.7	85.0	85.0	85.0	85.5
≥ 5000	75.5	85.3	87.2	88.1	88.4	88.5	88.5	88.8	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.9
≥ 4500	75.7	85.5	87.6	88.5	88.8	88.9	88.9	89.2	89.3	89.5	89.5	89.5	89.7	89.7	89.7	90.3
≥ 4000	75.9	86.1	88.1	89.1	89.3	89.5	89.5	89.7	89.9	90.0	90.0	90.0	90.3	90.3	90.3	90.8
≥ 3500	76.8	87.0	89.1	90.0	90.3	90.4	90.4	90.7	90.8	90.9	90.9	90.9	91.2	91.2	91.2	91.8
≥ 3000	77.6	88.1	90.1	91.2	91.5	91.6	91.6	91.9	92.0	92.2	92.2	92.2	92.4	92.4	92.4	93.0
≥ 2500	78.5	89.1	91.1	92.2	92.4	92.6	92.6	92.8	93.0	93.1	93.1	93.1	93.4	93.4	93.4	93.9
≥ 2000	80.0	90.5	92.6	93.8	94.1	94.2	94.2	94.5	94.6	94.7	94.7	94.7	95.0	95.0	95.0	95.5
≥ 1800	80.5	91.2	93.4	94.6	94.9	95.0	95.0	95.3	95.4	95.5	95.5	95.5	95.8	95.8	95.8	96.4
≥ 1500	80.5	91.5	93.6	94.9	95.3	95.4	95.7	95.9	96.1	96.2	96.2	96.2	96.5	96.5	96.5	97.0
≥ 1200	81.2	92.2	94.5	95.7	96.2	96.4	96.6	96.9	97.0	97.2	97.2	97.2	97.4	97.4	97.4	98.0
≥ 1000	81.5	92.4	94.9	96.1	96.8	96.9	97.2	97.4	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.5
≥ 900	81.5	92.6	95.0	96.2	96.9	97.0	97.3	97.6	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.6
≥ 800	81.6	92.8	95.3	96.5	97.2	97.3	97.6	97.8	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.9
≥ 700	81.6	92.8	95.3	96.5	97.2	97.3	97.6	97.8	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.9
≥ 600	81.8	93.0	95.4	96.6	97.3	97.4	97.7	98.0	98.1	98.2	98.2	98.2	98.5	98.5	98.5	99.1
≥ 500	81.8	93.2	95.7	96.9	97.6	97.7	98.0	98.2	98.4	98.5	98.5	98.5	98.8	98.8	98.8	99.3
≥ 400	81.8	93.2	95.7	96.9	97.6	97.7	98.1	98.4	98.5	98.6	98.8	98.8	99.1	99.1	99.1	99.6
≥ 300	81.8	93.2	95.7	96.9	97.6	97.7	98.1	98.5	98.6	98.8	98.9	98.9	99.3	99.3	99.3	99.9
≥ 200	81.8	93.2	95.7	96.9	97.6	97.8	98.2	98.6	98.8	98.9	99.1	99.1	99.5	99.5	99.5	100.0
≥ 100	81.8	93.2	95.7	96.9	97.6	97.8	98.2	98.6	98.8	98.9	99.1	99.1	99.5	99.5	99.5	100.0
≥ 0	81.8	93.2	95.7	96.9	97.6	97.8	98.2	98.6	98.8	98.9	99.1	99.1	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 740

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥ .	≥5 16	≥¼	≥0
NO CEILING	50.1	59.4	60.4	61.9	62.8	62.8	63.9	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.6	63.6
≥ 20000	55.2	66.0	67.3	68.8	69.7	69.8	69.9	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.6	70.6
≥ 18000	55.2	66.0	67.3	68.8	69.7	69.8	69.9	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.6	70.6
≥ 16000	55.2	66.0	67.3	68.8	69.7	69.8	69.9	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.6	70.6
≥ 14000	56.0	66.9	68.3	69.8	70.7	70.8	70.9	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.6	71.6
≥ 12000	56.8	67.7	69.4	71.1	72.0	72.2	72.3	72.6	72.6	72.6	72.8	72.8	72.8	72.8	73.1	73.1
≥ 10000	58.5	69.8	71.5	73.2	74.1	74.4	74.5	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.3	75.3
≥ 9000	59.0	70.9	72.6	74.3	75.2	75.5	75.6	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.4	76.4
≥ 8000	60.7	73.3	75.1	77.2	78.1	78.5	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.4	79.4
≥ 7000	61.7	74.4	76.3	78.4	79.3	79.8	79.9	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.7	80.7
≥ 6000	62.2	75.0	77.0	79.7	80.6	81.0	81.1	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.9	81.9
≥ 5000	65.0	79.1	81.0	83.1	84.0	84.5	84.6	84.9	84.9	84.9	85.1	85.1	85.3	85.3	85.5	85.5
≥ 4500	65.4	79.7	81.6	83.7	84.6	85.0	85.1	85.5	85.5	85.5	85.7	85.7	85.8	85.8	86.0	86.0
≥ 4000	66.0	80.9	82.9	85.0	85.9	86.4	86.5	86.8	86.8	86.8	87.0	87.0	87.2	87.2	87.4	87.4
≥ 3500	67.0	82.3	84.4	86.6	87.5	87.9	88.0	88.4	88.4	88.4	88.6	88.6	88.7	88.7	88.9	88.9
≥ 3000	68.0	83.9	85.9	88.2	89.2	89.6	89.8	90.2	90.2	90.2	90.4	90.4	90.5	90.5	90.7	90.7
≥ 2500	68.4	84.8	86.9	89.3	90.4	90.8	91.1	91.4	91.4	91.4	91.6	91.6	91.7	91.7	92.0	92.0
≥ 2000	69.4	86.4	88.5	90.8	92.1	92.6	92.8	93.2	93.2	93.2	93.5	93.5	93.6	93.6	93.9	93.9
≥ 1800	69.8	86.9	89.1	91.4	92.6	93.2	93.4	93.7	93.7	93.7	94.1	94.1	94.2	94.2	94.4	94.4
≥ 1500	70.1	87.2	89.3	91.6	92.8	93.4	93.6	94.0	94.0	94.0	94.3	94.3	94.4	94.4	94.6	94.6
≥ 1200	70.1	87.2	89.4	91.7	93.2	93.7	94.1	94.4	94.4	94.4	94.7	94.7	95.0	95.0	95.2	95.2
≥ 1000	70.3	87.4	89.6	92.2	93.6	94.2	94.5	94.9	94.9	95.0	95.4	95.4	95.6	95.6	95.9	95.9
≥ 900	70.4	87.5	89.7	92.3	93.9	94.4	94.9	95.2	95.3	95.4	95.9	95.9	96.1	96.1	96.3	96.3
≥ 800	70.6	87.8	90.1	92.6	94.2	94.7	95.2	95.5	95.8	95.9	96.3	96.3	96.5	96.5	96.8	96.8
≥ 700	70.7	87.9	90.4	93.0	94.5	95.1	95.5	95.9	96.1	96.2	96.6	96.6	96.9	96.9	97.1	97.1
≥ 600	70.8	88.3	90.7	93.3	94.9	95.4	95.8	96.4	96.6	96.9	97.3	97.3	97.5	97.5	97.8	97.8
≥ 500	70.8	88.4	90.8	93.5	95.2	95.8	96.3	96.8	97.0	97.2	97.7	97.7	97.9	97.9	98.1	98.1
≥ 400	70.9	88.5	90.9	93.6	95.4	96.0	96.5	97.0	97.2	97.4	97.9	97.9	98.1	98.1	98.5	98.5
≥ 300	70.9	88.6	91.1	93.7	95.5	96.1	96.8	97.2	97.4	97.8	98.3	98.3	98.5	98.5	99.0	99.0
≥ 200	70.9	88.6	91.1	93.7	95.5	96.1	96.9	97.3	97.5	97.9	98.4	98.4	98.9	99.0	99.6	99.6
≥ 100	70.9	88.6	91.1	93.7	95.5	96.1	97.0	97.4	97.7	98.0	98.5	98.5	99.2	99.3	99.8	99.9
≥ 0	70.9	88.6	91.1	93.7	95.5	96.1	97.0	97.4	97.7	98.0	98.5	98.5	99.2	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 395

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 7-76 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.1	64.0	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
≥ 20000	67.8	74.3	74.6	74.7	74.9	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.5
≥ 18000	67.8	74.3	74.6	74.7	74.9	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.5
≥ 16000	67.8	74.3	74.6	74.7	74.9	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.5
≥ 14000	68.4	75.0	75.4	75.5	75.7	75.7	75.8	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.3	76.3
≥ 12000	69.5	76.7	77.0	77.2	77.4	77.4	77.5	77.6	77.7	77.7	77.7	77.9	77.9	77.9	78.1	78.1
≥ 10000	71.4	79.4	79.7	79.9	80.1	80.1	80.2	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.8	80.8
≥ 9000	72.4	80.6	80.9	81.1	81.4	81.5	81.6	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.2	82.2
≥ 8000	74.5	83.4	83.7	83.9	84.3	84.4	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	85.0	85.0
≥ 7000	75.2	84.1	84.5	84.7	85.0	85.1	85.2	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.8	85.8
≥ 6000	75.9	85.0	85.3	85.6	85.9	86.0	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.6	86.6
≥ 5000	78.2	87.4	87.7	87.9	88.3	88.4	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	89.0	89.0
≥ 4500	79.6	88.9	89.3	89.5	89.8	89.9	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.6	90.6
≥ 4000	80.2	89.8	90.1	90.3	90.7	90.8	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.4	91.4
≥ 3500	81.4	91.2	91.6	91.9	92.2	92.3	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.9	92.9
≥ 3000	82.6	92.0	93.2	93.4	93.7	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.5	94.5
≥ 2500	83.5	93.8	94.4	94.6	95.1	95.2	95.3	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.9	95.9
≥ 2000	83.9	94.5	95.0	95.2	95.8	95.9	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.6	96.6
≥ 1800	83.9	94.5	95.0	95.2	95.8	95.9	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.6	96.6
≥ 1500	84.1	94.8	95.3	95.5	96.1	96.2	96.3	96.4	96.5	96.6	96.6	96.7	96.7	96.7	97.0	97.0
≥ 1200	84.1	95.0	95.7	95.9	96.4	96.5	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.3	97.3
≥ 1000	84.1	95.4	96.1	96.4	97.0	97.1	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.8	97.8
≥ 900	84.7	96.1	96.7	97.1	97.7	97.8	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.6	98.6
≥ 800	84.7	96.2	96.9	97.2	97.9	98.2	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.9	98.9
≥ 700	84.7	96.2	96.9	97.2	97.9	98.2	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.9	98.9
≥ 600	84.9	96.4	97.1	97.4	98.2	98.4	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	99.1	99.1
≥ 500	84.9	96.5	97.2	97.5	98.4	98.6	98.7	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.6	99.6
≥ 400	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.7
≥ 300	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.7
≥ 200	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.3	99.3	99.7	99.7	99.7	99.9	99.9
≥ 100	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.3	99.5	99.7	99.7	99.7	99.9	100.0
0	84.9	96.5	97.2	97.5	98.5	98.7	98.8	98.9	99.0	99.3	99.5	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.6	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
≥ 20000	72.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000	72.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	72.7	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
≥ 14000	73.5	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	77.5	77.5
≥ 12000	74.9	79.2	79.2	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
≥ 10000	78.8	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	79.5	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	80.5	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	80.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	81.5	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	83.0	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	83.7	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	85.0	92.3	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	85.7	93.2	93.6	93.7	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	87.3	95.5	95.9	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	87.9	96.3	96.9	97.1	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	88.3	97.0	97.5	97.7	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	88.4	97.2	97.7	97.9	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	88.4	97.3	97.9	98.2	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	88.4	97.3	97.9	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	88.4	97.6	98.3	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	88.4	97.6	98.3	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	88.4	97.6	98.4	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	88.4	97.9	98.7	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	88.4	97.9	98.7	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	88.4	97.9	98.7	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	88.4	97.9	98.7	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	88.4	97.9	98.7	98.9	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.4	97.9	98.7	98.9	99.2	99.4	99.7	99.9	99.91	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.4	97.9	98.7	98.9	99.2	99.4	99.7	99.9	99.91	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.4	97.9	98.7	98.9	99.2	99.4	99.7	99.9	99.91	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.0	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	73.9	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	74.1	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	74.1	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	74.4	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	78.7	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	80.3	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	80.8	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	82.5	87.5	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	83.4	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	84.3	89.5	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 5000	85.8	91.4	92.1	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	86.1	91.9	92.5	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	86.8	93.3	94.0	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	87.0	93.6	94.4	95.0	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	88.0	95.2	96.0	96.6	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	88.5	96.1	96.9	97.5	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	88.5	96.2	97.0	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	88.5	96.2	97.0	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	88.5	96.2	97.2	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	88.5	96.4	97.4	98.0	98.5	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	88.5	96.9	97.8	98.6	99.0	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	88.5	96.9	97.8	98.6	99.0	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	88.6	97.0	97.9	98.7	99.1	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	88.6	97.1	98.0	98.8	99.2	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	88.7	97.2	98.2	98.9	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	88.7	97.2	98.2	98.9	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.7	97.2	98.2	98.9	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.7	97.2	98.2	98.9	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.7	97.2	98.2	98.9	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.7	97.2	98.2	98.9	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.7	97.2	98.2	98.9	99.3	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

FORM

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	63.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	71.6	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	71.6	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	71.6	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	72.2	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 12000	73.4	80.1	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
≥ 10000	76.5	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 9000	77.2	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
≥ 8000	78.3	86.4	86.9	86.9	86.9	87.0	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	79.1	87.4	88.1	88.1	88.1	88.2	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	80.1	88.6	89.4	89.4	89.4	89.5	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	81.9	91.2	92.0	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	82.2	92.2	93.2	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	82.7	93.4	94.4	95.0	95.2	95.3	95.4	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	83.4	94.6	95.6	96.2	96.5	96.6	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	83.8	95.2	96.3	96.8	97.3	97.4	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	83.8	95.3	96.4	96.9	97.4	97.5	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	83.9	95.8	96.8	97.4	97.9	98.0	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	84.0	95.9	96.9	97.5	98.0	98.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	84.1	96.2	97.3	97.8	98.4	98.5	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	84.1	96.4	97.5	98.0	98.7	98.8	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	84.1	96.5	97.6	98.1	98.8	98.9	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	84.1	96.5	97.6	98.1	98.8	98.9	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	84.1	96.5	97.6	98.1	98.8	98.9	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	84.1	96.5	97.6	98.1	98.8	98.9	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	84.1	96.5	97.6	98.1	98.8	98.9	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	84.2	96.6	97.7	98.3	98.9	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.2	96.6	97.7	98.3	98.9	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.2	96.6	97.7	98.3	98.9	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.2	96.6	97.7	98.3	98.9	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.2	96.6	97.7	98.3	98.9	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.2	96.6	97.7	98.3	98.9	99.0	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

FORM

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	65.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	70.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	70.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	70.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	71.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	72.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	73.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	74.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	75.2	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	76.8	84.0	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	79.0	86.4	86.7	86.9	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	82.0	90.1	90.5	90.8	90.9	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	82.7	91.1	91.5	91.9	92.0	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	84.4	93.5	93.8	94.3	94.5	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	84.8	94.1	94.4	94.8	95.1	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	85.2	95.1	95.4	95.9	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	85.3	95.2	95.5	96.0	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	85.8	95.7	96.2	96.6	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	85.9	96.0	96.4	97.0	97.4	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	85.9	96.0	96.4	97.1	97.5	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	86.1	96.4	96.9	97.5	98.1	98.1	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	86.1	96.4	96.9	97.5	98.1	98.1	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	86.1	96.4	96.9	97.5	98.1	98.1	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	86.1	96.6	97.1	97.8	98.3	98.3	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	86.1	96.7	97.2	98.0	98.5	98.5	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	86.1	96.7	97.3	98.1	98.7	98.7	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	86.1	96.7	97.3	98.1	98.7	98.7	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	86.1	96.7	97.3	98.2	98.8	98.8	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.8	75.7	76.9	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 20000	72.2	79.8	81.1	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 18000	72.3	79.9	81.3	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	72.3	79.9	81.3	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000	72.3	79.9	81.3	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	72.6	80.2	81.5	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	73.7	83.5	84.8	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	76.0	83.9	85.3	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	77.8	85.9	87.2	87.8	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	78.6	86.8	88.1	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	80.1	88.2	89.6	90.2	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 5000	82.4	91.4	92.7	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	83.2	92.3	93.6	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	83.6	92.9	94.2	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	84.1	93.5	94.8	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	84.5	93.9	95.2	96.3	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	85.1	94.5	95.8	96.9	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	85.9	95.2	96.6	97.6	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	86.0	95.5	96.9	97.9	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	86.0	95.5	96.9	97.9	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	86.0	95.5	96.9	97.9	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	86.3	95.8	97.2	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	86.3	95.8	97.2	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	86.3	96.1	97.5	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	86.3	96.1	97.5	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	86.3	96.3	97.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	86.3	96.3	97.6	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	86.3	96.3	97.6	98.8	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	86.3	96.3	97.6	98.8	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	86.3	96.3	97.6	98.8	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.3	96.3	97.6	98.8	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.3	96.3	97.6	98.8	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 672

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.7	70.6	72.5	73.7	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	65.2	74.4	76.4	77.6	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	65.2	74.4	76.4	77.6	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	65.2	74.4	76.4	77.6	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	65.7	74.9	76.6	78.0	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	66.0	75.3	77.3	78.5	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	69.2	78.6	80.5	81.7	82.2	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000	69.2	78.6	80.5	81.7	82.2	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	70.3	80.2	82.2	83.4	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	70.9	81.1	83.1	84.2	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	71.9	82.9	84.8	86.0	86.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	73.7	84.7	86.6	87.8	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500	74.3	85.3	87.2	88.4	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	74.9	86.3	88.3	89.5	89.9	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	76.4	88.0	89.9	91.1	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	76.7	88.3	90.2	91.4	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	77.3	88.9	90.8	92.0	92.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	78.3	90.3	92.3	93.5	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	78.5	90.6	92.6	93.8	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	79.0	91.5	93.5	94.7	95.5	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	79.5	92.0	93.9	95.1	96.0	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	79.5	92.1	94.2	95.4	96.3	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	79.5	92.3	94.4	95.5	96.4	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	79.5	92.3	94.5	95.8	96.7	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	79.5	92.3	94.5	95.8	96.7	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	79.5	92.3	94.5	95.8	96.7	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	79.5	92.3	94.7	96.0	97.0	97.5	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 300	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.0
≥ 200	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.7	99.0	99.1	99.3	99.3	99.4	99.4	99.6	99.7
≥ 100	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.8	99.1	99.3	99.4	99.4	99.6	99.6	99.7	100.0
≥ 0	79.5	92.3	94.7	96.1	97.2	97.6	98.1	98.8	99.1	99.3	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 673

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 7-76 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.8	58.9	60.8	62.7	64.4	65.1	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	51.0	64.9	66.8	68.8	70.5	71.4	72.1	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.6	72.6
≥ 18000	51.0	64.9	66.8	68.8	70.5	71.4	72.1	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.6	72.6
≥ 16000	51.0	64.9	66.8	68.8	70.5	71.4	72.1	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.6	72.6
≥ 14000	51.6	65.4	67.4	69.5	71.2	72.1	72.8	72.9	72.9	73.0	73.0	73.0	73.2	73.2	73.3	73.3
≥ 12000	53.2	67.4	69.5	71.8	73.7	74.7	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.8	75.8
≥ 10000	55.5	70.2	72.2	74.5	76.5	77.4	78.1	78.2	78.2	78.3	78.3	78.3	78.6	78.6	78.7	78.7
≥ 9000	56.0	70.7	72.9	75.2	77.2	78.1	78.8	78.9	78.9	79.0	79.0	79.0	79.3	79.3	79.4	79.4
≥ 8000	57.0	72.1	74.3	76.7	78.8	79.7	80.5	80.6	80.6	80.8	80.8	80.8	81.0	81.0	81.1	81.1
≥ 7000	57.4	72.5	74.7	77.1	79.1	80.1	80.9	81.0	81.0	81.1	81.1	81.1	81.3	81.3	81.5	81.5
≥ 6000	57.8	73.2	75.3	77.8	79.8	80.8	81.6	81.7	81.7	81.8	81.8	81.8	82.0	82.0	82.1	82.1
≥ 5000	60.7	76.7	79.1	81.7	83.8	84.7	85.5	85.6	85.6	85.8	85.8	85.8	86.1	86.1	86.2	86.2
≥ 4500	61.2	77.2	79.6	82.1	84.2	85.1	85.9	86.1	86.1	86.3	86.3	86.3	86.5	86.5	86.6	86.6
≥ 4000	62.0	78.1	80.5	83.2	85.3	86.2	87.0	87.1	87.1	87.3	87.3	87.3	87.6	87.6	87.7	87.7
≥ 3500	62.6	79.4	81.8	84.7	86.8	87.7	88.6	88.7	88.7	88.9	88.9	88.9	89.3	89.3	89.4	89.4
≥ 3000	62.9	79.8	82.4	85.3	87.4	88.4	89.3	89.4	89.4	89.6	89.6	89.6	90.0	90.0	90.1	90.1
≥ 2500	63.6	80.8	83.3	86.2	88.4	89.3	90.2	90.3	90.3	90.6	90.6	90.6	90.9	90.9	91.0	91.0
≥ 2000	64.2	81.9	84.6	87.4	89.6	90.6	91.6	91.7	91.7	91.9	91.9	91.9	92.3	92.3	92.4	92.4
≥ 1800	64.2	81.9	84.6	87.4	89.6	90.7	91.7	91.8	91.8	92.1	92.1	92.1	92.4	92.4	92.5	92.5
≥ 1500	64.9	82.7	85.5	88.4	90.6	91.6	92.6	92.7	92.7	93.0	93.0	93.0	93.3	93.3	93.4	93.4
≥ 1200	65.2	83.6	86.5	89.4	91.6	92.6	93.7	93.8	93.8	94.0	94.0	94.0	94.4	94.4	94.5	94.5
≥ 1000	65.3	84.0	86.9	89.7	91.9	93.0	94.0	94.1	94.1	94.4	94.4	94.4	94.7	94.7	94.8	94.8
≥ 900	65.3	84.0	86.9	89.7	92.1	93.1	94.2	94.4	94.4	94.6	94.6	94.6	94.9	94.9	95.0	95.0
≥ 800	65.4	84.1	87.1	90.0	92.4	93.4	94.6	94.7	94.7	94.9	94.9	94.9	95.3	95.3	95.4	95.4
≥ 700	65.4	84.1	87.1	90.1	92.7	93.8	94.9	95.2	95.2	95.4	95.4	95.4	95.7	95.7	95.9	95.9
≥ 600	65.4	84.2	87.2	90.2	93.2	94.4	95.5	95.9	95.9	96.1	96.1	96.1	96.4	96.4	96.5	96.5
≥ 500	65.4	84.2	87.2	90.2	93.4	94.7	96.0	96.3	96.3	96.8	96.8	96.8	97.1	97.1	97.2	97.2
≥ 400	65.4	84.2	87.4	90.7	94.1	95.6	96.9	97.2	97.5	98.0	98.0	98.0	98.4	98.4	98.5	98.6
≥ 300	65.4	84.2	87.4	90.7	94.2	95.7	97.0	97.4	97.6	98.3	98.3	98.3	98.6	98.6	98.7	98.8
≥ 200	65.4	84.2	87.4	90.7	94.2	95.7	97.1	97.6	97.8	98.5	98.8	98.8	99.2	99.2	99.3	99.5
≥ 100	65.4	84.2	87.4	90.7	94.2	95.7	97.1	97.6	97.8	98.5	99.0	99.0	99.4	99.4	99.5	100.0
≥ 0	65.4	84.2	87.4	90.7	94.2	95.7	97.1	97.6	97.8	98.5	99.0	99.0	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 868

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.1	66.5	67.4	68.2	68.8	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 20000	63.3	72.6	73.5	74.2	74.9	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 18000	63.4	72.7	73.6	74.4	75.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 16000	63.4	72.7	73.6	74.4	75.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 14000	63.6	72.9	73.9	74.7	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 12000	64.9	74.8	76.1	76.9	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 10000	67.7	78.3	79.6	80.4	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9
≥ 9000	68.6	79.3	80.6	81.4	82.1	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 8000	69.2	80.2	81.5	82.4	83.1	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
≥ 7000	69.5	80.6	82.0	82.9	83.5	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 6000	70.2	81.6	83.0	83.9	84.5	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 5000	71.8	84.3	85.9	86.8	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 4500	72.2	84.8	86.3	87.2	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 4000	73.3	86.3	87.9	88.8	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 3500	73.8	87.1	88.7	89.6	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 3000	75.0	88.9	90.5	91.4	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 2500	75.7	89.6	91.3	92.2	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 2000	76.8	91.4	93.1	94.0	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9
≥ 1800	76.9	91.7	93.4	94.3	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 1500	77.4	92.9	94.6	95.5	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 1200	78.1	94.3	96.2	97.1	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1000	78.1	94.4	96.5	97.4	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 900	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 800	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	78.1	94.5	96.8	97.6	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 600	78.1	94.5	96.8	97.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 500	78.1	94.5	96.8	97.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 400	78.1	94.5	96.9	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	78.1	94.5	96.9	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	78.1	94.5	96.9	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	78.1	94.5	96.9	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	78.1	94.5	96.9	97.8	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	67.0	73.4	73.7	74.3	74.3	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	73.2	80.2	80.5	81.1	81.1	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	73.2	80.3	80.6	81.2	81.2	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 16000	73.2	80.3	80.6	81.2	81.2	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	73.3	80.4	80.8	81.3	81.3	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	74.8	82.4	82.8	83.3	83.3	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	79.0	87.2	87.6	88.1	88.1	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	79.3	87.6	87.9	88.5	88.5	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000	81.0	89.8	90.4	90.9	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	81.1	89.9	90.5	91.1	91.2	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	81.5	90.5	91.1	91.6	91.7	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	82.6	91.8	92.5	93.1	93.3	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	82.9	92.3	93.0	93.5	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	83.9	93.4	94.1	94.6	94.9	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	84.1	94.0	94.6	95.2	95.4	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	84.9	95.4	96.1	97.0	97.2	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	85.1	96.1	96.8	97.7	97.9	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	85.7	96.9	97.5	98.4	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	85.8	97.1	97.8	98.7	98.9	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	85.8	97.2	97.9	98.8	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	85.8	97.3	98.0	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

64
5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	67.8	73.1	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	75.4	81.9	82.6	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
≥ 18000	75.4	82.2	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
≥ 16000	75.4	82.2	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
≥ 14000	75.8	82.6	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	76.8	83.7	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	80.4	87.7	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	80.9	88.2	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
≥ 8000	81.9	89.9	90.8	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	82.1	90.8	91.7	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	82.1	91.3	92.3	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	83.5	93.3	94.3	94.5	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4500	83.7	93.5	94.5	94.7	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	84.7	94.5	95.5	95.8	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	85.0	95.0	96.0	96.2	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	86.1	96.8	97.8	98.0	98.3	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	86.5	97.3	98.4	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	86.5	97.5	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	86.5	97.5	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	86.5	97.7	98.8	99.0	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	86.5	97.7	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 895

CEILING VERSUS VISIBILITY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.5	75.6	76.2	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
≥ 20000	73.0	82.5	83.3	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 18000	73.2	83.0	83.7	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 16000	73.2	83.0	83.7	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 14000	74.4	84.2	85.0	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	75.7	85.5	86.3	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
≥ 10000	79.1	89.1	89.9	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	79.1	89.1	89.9	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	80.6	91.0	91.8	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
≥ 7000	80.9	91.4	92.2	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	81.6	92.2	93.2	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	83.2	94.5	95.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	83.3	94.7	96.0	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
≥ 4000	83.7	95.2	96.4	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	84.1	95.7	97.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	84.3	96.6	98.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	84.3	96.5	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	84.3	96.6	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	84.3	96.6	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	84.3	96.6	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	84.3	96.6	98.2	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
≥ 1000	84.3	96.6	98.2	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
≥ 900	84.3	96.6	98.2	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
≥ 800	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.3	96.6	98.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	84.3	96.6	98.2	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 892

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	<0
NO CEILING	70.1	77.4	77.9	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 20000	76.2	83.7	84.2	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 18000	76.3	83.8	84.3	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 16000	76.3	83.8	84.3	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 14000	76.8	84.4	84.9	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 12000	77.7	85.4	85.8	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 10000	80.7	88.5	88.9	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 9000	81.2	88.9	89.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	82.6	90.7	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	83.2	91.3	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	84.0	92.3	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
≥ 5000	86.3	95.8	96.4	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500	86.3	96.1	96.7	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	86.8	96.5	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	87.0	96.9	97.7	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	87.4	97.6	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	87.4	97.6	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	87.4	97.6	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	87.4	97.6	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	87.5	97.7	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	87.5	97.7	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	87.6	97.9	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	87.6	97.9	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	87.6	98.0	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	87.6	98.0	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	87.6	98.0	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.6	98.0	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.6	98.0	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.6	98.0	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.6	98.0	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.6	98.0	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.6	98.0	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-73 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.7	73.0	73.1	73.6	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 20000	72.4	80.3	80.4	81.1	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	72.4	80.3	80.4	81.1	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 16000	72.4	80.3	80.4	81.1	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	72.5	80.4	80.6	81.2	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	74.2	82.1	82.3	82.9	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	78.3	86.2	86.3	87.0	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	78.3	86.2	86.3	87.0	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	79.7	87.6	87.7	88.4	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	80.6	88.7	88.8	89.4	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	82.0	90.2	90.7	91.3	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	83.5	92.2	92.7	93.3	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	84.2	92.9	93.3	93.9	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	85.2	94.1	94.6	95.2	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	86.0	95.0	95.5	96.1	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	87.0	96.3	96.7	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	87.3	96.7	97.2	97.8	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	87.7	97.2	97.7	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	87.9	97.4	97.8	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	88.0	97.5	98.0	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	88.2	97.7	98.1	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	88.4	97.8	98.3	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	88.4	97.8	98.3	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	88.4	98.0	98.4	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 644

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.3	71.2	72.0	72.8	73.2	73.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	70.8	78.2	78.9	79.7	80.2	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	70.8	78.2	78.9	79.7	80.2	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 16000	70.8	78.2	78.9	79.7	80.2	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	70.9	78.3	79.1	79.8	80.3	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	72.3	79.7	80.5	81.2	81.7	81.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 10000	76.3	83.8	84.6	85.4	85.8	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	76.5	84.2	84.9	85.7	86.2	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 8000	77.1	84.9	85.7	86.5	86.9	86.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	77.4	85.2	86.0	86.8	87.2	87.2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	79.2	87.2	88.0	88.8	89.2	89.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	81.7	91.2	92.0	92.8	93.2	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	82.3	92.0	92.8	93.5	94.0	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.5	94.8
≥ 4000	83.1	92.9	93.7	94.5	94.9	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	84.5	94.3	95.1	95.8	96.3	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	85.1	95.1	95.8	96.6	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	85.2	95.2	96.0	96.8	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	85.5	95.5	96.3	97.1	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	86.0	96.0	96.8	97.5	98.0	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	86.5	96.5	97.2	98.0	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	86.6	96.6	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	86.6	96.8	97.8	98.6	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	86.6	96.8	97.8	98.6	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	86.6	96.8	97.8	98.6	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	86.8	96.9	98.0	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.8	96.9	98.0	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.8	96.9	98.0	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.8	96.9	98.0	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.8	96.9	98.0	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 650

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.6	58.8	61.0	63.2	66.2	66.8	67.1	67.5	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0
≥ 20000	53.6	66.2	68.5	70.9	74.3	74.8	75.1	75.6	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 18000	54.0	66.6	68.8	71.2	74.6	75.1	75.5	75.9	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 16000	54.0	66.6	68.8	71.2	74.6	75.1	75.5	75.9	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 14000	54.2	66.9	69.2	71.7	75.0	75.6	75.9	76.3	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 12000	56.4	69.5	71.8	74.5	77.9	78.4	78.8	79.3	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7
≥ 10000	60.8	76.1	78.8	81.9	85.2	85.8	86.2	86.6	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 9000	60.9	76.4	79.2	82.4	85.8	86.3	86.8	87.2	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 8000	62.1	78.1	80.8	84.0	87.4	87.9	88.4	88.8	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3
≥ 7000	62.4	78.4	81.1	84.4	87.7	88.3	88.7	89.1	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 6000	63.0	79.3	82.0	85.2	88.6	89.1	89.6	90.0	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 5000	63.8	81.1	84.0	87.3	90.7	91.2	91.6	92.1	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 4500	64.0	81.2	84.1	87.4	90.8	91.3	91.7	92.2	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 4000	64.6	82.0	84.9	88.2	91.5	92.1	92.5	92.9	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 3500	64.8	82.3	85.3	88.7	92.1	92.6	93.1	93.5	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 3000	65.3	82.8	85.9	89.4	92.7	93.3	93.7	94.1	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 2500	65.6	83.4	86.4	90.0	93.4	93.9	94.4	94.8	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3
≥ 2000	66.0	83.9	87.0	90.6	93.9	94.6	95.0	95.4	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1800	66.2	84.1	87.2	90.8	94.1	94.8	95.2	95.7	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1500	66.3	84.4	87.5	91.1	94.5	95.1	95.5	96.0	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1200	66.7	84.8	87.9	91.5	94.9	95.5	96.0	96.4	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1000	66.8	85.0	88.2	91.7	95.1	95.8	96.2	96.6	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 900	67.1	85.6	88.7	92.3	95.7	96.3	96.7	97.2	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	67.2	86.1	89.4	92.9	96.3	97.0	97.4	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 700	67.4	86.4	89.7	93.3	96.6	97.3	97.7	98.2	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 600	67.6	86.8	90.0	93.6	97.0	97.6	98.0	98.5	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	67.6	86.8	90.0	93.6	97.0	97.7	98.3	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	67.8	86.9	90.2	93.8	97.2	97.9	98.5	98.9	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5
≥ 300	67.8	86.9	90.2	93.8	97.3	98.0	98.6	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	67.8	86.9	90.2	93.8	97.3	98.0	98.6	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 100	67.8	86.9	90.2	93.8	97.3	98.0	98.6	99.1	99.3	99.5	99.6	99.6	99.7	99.7	100.0	100.0
≥ 0	67.8	86.9	90.2	93.8	97.3	98.0	98.6	99.1	99.3	99.5	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	57.9	65.1	65.8	66.7	68.0	68.3	68.6	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 20000	65.4	73.8	74.8	76.1	77.6	77.8	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	65.4	73.8	74.8	76.3	77.8	78.0	78.3	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	65.5	73.9	74.9	76.4	77.9	78.1	78.4	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	66.1	74.5	75.5	77.0	78.5	78.8	79.1	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	68.8	77.6	78.5	80.1	81.6	81.8	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	73.3	83.4	84.4	86.0	87.5	87.8	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	73.7	84.1	85.0	86.7	88.2	88.4	88.7	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	75.5	86.1	87.3	88.9	90.5	90.7	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	75.7	86.6	87.8	89.4	90.9	91.1	91.4	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 6000	76.3	87.1	88.3	89.9	91.4	91.7	92.0	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	77.0	88.2	89.4	91.0	92.5	92.7	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	77.1	88.3	89.5	91.1	92.7	93.0	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	77.6	89.1	90.4	92.0	93.6	93.8	94.1	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	77.9	89.6	90.9	92.5	94.1	94.4	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	78.4	90.5	91.8	93.4	95.0	95.2	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	79.4	91.4	92.7	94.4	96.1	96.3	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	80.4	92.5	93.8	95.4	97.2	97.4	97.7	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	80.6	92.7	94.0	95.7	97.4	97.6	97.9	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	80.8	93.1	94.4	96.0	97.8	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	81.1	93.4	94.7	96.4	98.3	98.5	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	81.3	93.7	95.0	96.7	98.6	98.8	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	81.3	93.8	95.1	96.9	98.7	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0	81.4	93.9	95.2	97.0	98.8	99.0	99.3	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	57.8	64.4	64.9	65.1	66.4	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000	66.8	74.8	75.8	76.0	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	66.8	74.8	75.8	76.0	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	67.1	75.1	76.1	76.3	77.7	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	67.6	76.0	77.0	77.2	78.6	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	69.7	78.4	79.4	79.7	81.1	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	73.3	83.3	84.3	84.6	86.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	74.4	84.4	85.3	85.7	87.1	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000	76.2	87.2	88.3	88.6	90.0	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	76.7	87.8	88.9	89.3	90.7	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	77.0	88.2	89.3	89.6	91.0	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	78.0	89.3	90.3	90.7	92.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	78.2	89.6	90.7	91.0	92.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	78.8	90.6	91.7	92.1	93.5	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	79.3	91.2	92.4	92.7	94.1	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	80.8	93.1	94.2	94.6	96.2	96.4	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	81.8	94.2	95.7	96.0	97.6	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	82.1	94.8	96.2	96.5	98.2	98.4	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	82.1	94.8	96.3	96.6	98.3	98.5	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	82.2	95.0	96.5	96.9	98.5	98.8	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.7	59.0	59.4	59.8	59.8	59.8	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	65.6	74.3	75.1	75.6	75.7	75.7	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	65.7	74.4	75.2	75.7	75.8	75.8	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	66.0	74.7	75.6	76.1	76.2	76.2	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	66.1	75.0	75.9	76.4	76.5	76.5	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	67.0	76.2	77.1	77.6	77.7	77.7	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	72.6	83.5	84.4	84.9	85.0	85.0	85.2	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000	73.5	84.7	85.6	86.1	86.2	86.2	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	75.6	88.1	88.9	89.6	89.7	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	76.0	88.6	89.5	90.1	90.2	90.2	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	76.1	88.7	89.6	90.2	90.3	90.3	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	77.7	90.6	91.5	92.3	92.4	92.4	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	78.3	91.2	92.3	93.1	93.2	93.2	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	78.8	92.6	93.8	94.6	94.8	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	79.0	93.2	94.4	95.1	95.3	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	79.7	94.4	95.8	96.7	97.2	97.3	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	79.7	94.5	95.9	97.0	97.4	97.5	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	79.9	94.7	96.2	97.4	97.8	98.0	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	79.9	94.7	96.3	97.5	97.9	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	79.9	94.7	96.4	97.7	98.2	98.5	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	79.9	94.7	96.4	97.7	98.2	98.5	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
0	80.0	94.8	96.5	97.8	98.3	98.6	99.1	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 57-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.4	55.5	56.5	56.8	57.0	57.2	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	61.7	71.9	72.9	73.3	73.6	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	61.9	72.1	73.1	73.6	73.8	73.9	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	62.0	72.2	73.2	73.7	73.9	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	62.2	72.6	73.6	74.1	74.	.4	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	64.2	74.9	76.0	76.6	76.	.9	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	70.9	82.4	83.5	84.2	84.4	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	71.5	83.4	84.5	85.1	85.4	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	73.4	86.1	87.3	88.1	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	74.0	86.8	88.0	88.7	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	74.6	87.7	88.9	89.6	89.8	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	75.6	89.0	90.2	90.9	91.1	91.3	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	76.1	89.6	90.8	91.6	91.9	92.0	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	76.4	91.3	92.5	93.2	93.7	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	76.8	92.0	93.3	94.1	94.5	94.6	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	77.9	93.9	95.2	96.1	96.5	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	78.5	94.4	95.8	96.7	97.2	97.3	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	78.9	95.0	96.6	97.5	97.9	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	78.9	95.0	96.7	97.6	98.3	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	79.1	95.4	97.3	98.3	98.9	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	79.3	95.6	97.5	98.5	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.3	95.7	97.6	98.6	99.2	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.7	66.3	66.9	67.1	67.4	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	68.8	77.7	78.3	78.5	78.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	68.9	77.8	78.4	78.6	78.8	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	68.9	77.8	78.4	78.6	78.8	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000	69.1	78.0	78.6	78.9	79.0	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	70.0	79.1	79.7	80.0	80.1	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	75.0	85.0	85.6	85.8	86.0	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	75.4	85.5	86.1	86.3	86.4	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	76.1	87.2	87.8	88.0	88.1	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	77.2	88.4	89.0	89.2	89.3	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	78.3	89.7	90.3	90.5	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	80.0	91.8	92.4	92.7	92.8	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	80.4	93.0	93.6	93.9	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	80.9	94.5	95.1	95.3	95.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	81.6	95.2	95.8	96.0	96.2	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	83.1	96.9	97.5	97.7	98.0	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	83.2	97.0	97.6	97.8	98.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	83.3	97.1	97.7	98.0	98.2	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	83.3	97.1	97.7	98.0	98.2	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	83.6	97.4	98.0	98.2	98.6	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1200	83.7	97.6	98.2	98.4	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 1000	83.8	97.7	98.3	98.6	98.9	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	83.9	97.8	98.4	98.7	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 633

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.8	70.4	70.6	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 20000	76.0	80.5	80.6	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	76.0	80.5	80.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	76.0	80.5	80.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 14000	76.0	80.7	81.0	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	77.5	82.6	82.9	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	82.1	87.4	87.7	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	82.1	87.4	87.7	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	83.4	89.1	89.5	89.8	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	85.0	90.7	91.1	91.4	92.0	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	85.6	91.4	91.7	92.0	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	86.3	92.3	92.7	93.0	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	86.3	92.3	92.7	93.0	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	86.6	93.1	93.5	93.8	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	86.7	93.3	93.6	93.9	94.6	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	87.2	93.8	94.2	94.6	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	87.2	93.8	94.2	94.7	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	88.0	95.2	95.7	96.2	97.1	97.1	97.3	97.3	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	88.2	95.4	95.8	96.3	97.3	97.3	97.4	97.4	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	88.5	96.0	96.5	97.0	97.9	97.9	98.1	98.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	88.5	96.0	96.6	97.1	98.1	98.1	98.2	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	88.5	96.0	96.6	97.1	98.1	98.1	98.2	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	88.5	96.0	96.6	97.1	98.1	98.1	98.2	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	88.5	96.0	96.6	97.1	98.1	98.1	98.4	98.4	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	88.5	96.0	96.6	97.1	98.1	98.1	98.4	98.4	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	88.5	96.0	96.8	97.4	98.4	98.4	98.7	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	88.5	96.0	96.8	97.4	98.4	98.4	98.7	98.7	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	88.5	96.0	96.8	97.4	98.4	98.4	98.9	98.9	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.7
≥ 300	88.5	96.0	96.8	97.6	98.6	98.6	99.0	99.2	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	88.5	96.0	96.8	97.6	98.6	98.6	99.0	99.2	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	88.5	96.0	96.8	97.6	98.6	98.6	99.0	99.2	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0
0	88.5	96.0	96.8	97.6	98.6	98.6	99.0	99.2	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 626

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

5

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73,75-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.6	73.6	74.7	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 20000	73.6	81.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	73.6	81.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	73.6	81.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	73.6	81.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	75.3	83.9	85.0	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	78.5	87.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	78.7	87.4	88.5	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	79.8	88.5	89.8	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	79.9	89.0	90.3	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	80.3	89.3	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	81.5	90.9	92.2	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	81.7	91.1	92.4	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	81.8	91.6	92.8	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	81.8	91.6	92.8	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	82.2	92.2	93.5	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	82.6	92.7	93.9	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	83.0	93.6	94.9	95.4	95.7	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	83.0	93.8	95.1	95.5	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	83.3	94.3	95.7	96.2	96.5	96.7	96.8	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	83.6	94.9	96.3	96.8	97.3	97.5	97.6	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	83.6	94.9	96.3	96.8	97.5	97.6	97.8	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	83.6	95.1	96.5	97.0	97.6	97.8	97.9	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	83.6	95.2	96.7	97.1	97.9	98.1	98.2	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	83.6	95.2	96.7	97.1	97.9	98.1	98.2	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	83.8	95.5	97.0	97.5	98.4	98.7	98.9	98.9	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.8	95.9	97.3	97.8	98.7	99.0	99.2	99.2	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 628

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 57-76 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≤10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.5	63.0	63.5	64.5	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	58.5	72.4	73.3	74.3	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	58.5	72.4	73.3	74.3	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	58.5	72.4	73.3	74.3	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	59.0	72.9	73.8	74.8	75.7	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	61.8	76.7	77.6	78.7	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 10000	67.3	84.0	85.3	86.4	87.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	67.5	84.5	85.7	86.9	88.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	69.7	87.1	88.3	89.4	90.9	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	69.8	87.2	88.5	89.8	91.2	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	70.0	87.5	88.9	90.2	91.8	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	70.7	88.2	89.6	91.0	92.6	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	70.8	88.3	89.7	91.1	92.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	71.5	89.1	90.4	91.9	93.5	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	71.8	89.4	90.8	92.2	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	71.9	89.7	91.0	92.5	94.0	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	72.0	90.1	91.5	92.9	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	72.2	91.1	92.6	94.0	95.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	72.2	91.2	92.7	94.2	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	72.2	91.3	92.8	94.3	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	72.4	91.6	93.0	94.5	96.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	72.4	91.6	93.1	94.6	96.3	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	72.4	91.7	93.3	94.7	96.4	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	72.5	91.9	93.4	94.9	96.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	72.9	92.5	94.0	95.7	97.5	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	72.9	92.7	94.3	96.0	97.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	73.0	92.8	94.4	96.1	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	73.0	93.1	94.7	96.4	98.4	99.0	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.5	62.1	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	68.9	75.6	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	68.9	75.6	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	69.0	75.7	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	69.9	75.6	77.7	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
≥ 12000	73.0	79.9	81.1	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
≥ 10000	77.5	85.7	87.1	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	77.7	85.9	87.4	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	79.9	88.1	89.7	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000	80.0	88.4	89.9	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	80.3	88.8	90.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	80.4	89.0	90.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	80.4	89.0	90.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	81.1	89.7	91.7	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	81.5	90.5	92.5	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	82.3	91.3	93.4	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	83.4	92.4	94.5	95.9	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	84.3	93.5	96.0	97.3	97.9	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	84.3	93.5	96.0	97.3	97.9	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	84.8	94.1	96.5	97.9	98.4	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	84.9	94.3	96.8	98.1	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	85.0	94.5	97.1	98.4	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	85.1	94.6	97.2	98.5	99.1	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	85.1	94.6	97.3	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	85.1	94.7	97.4	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUN (MONTH)

1200-1400 (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.4	58.9	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	69.4	76.0	77.4	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
≥ 18000	69.5	76.2	77.5	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
≥ 16000	69.6	76.3	77.6	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
≥ 14000	69.9	76.7	78.1	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
≥ 12000	72.1	79.9	81.2	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
≥ 10000	76.0	85.4	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	76.2	85.5	87.0	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
≥ 8000	77.4	87.4	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	77.5	87.5	89.1	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
≥ 6000	77.8	88.1	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	78.0	88.4	90.0	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	78.0	88.4	90.0	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000	79.1	90.6	92.4	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	79.5	91.0	92.8	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	80.9	92.6	94.5	95.5	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 2500	81.9	93.7	95.7	96.9	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 2000	82.3	94.4	96.4	97.5	98.0	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 1800	82.3	94.4	96.4	97.5	98.1	98.2	98.3	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1500	82.3	94.5	96.6	97.8	98.4	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1200	82.7	94.9	97.1	98.2	98.9	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1000	82.7	94.9	97.1	98.3	99.0	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	82.7	94.9	97.1	98.4	99.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 889

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	39.8	44.2	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	58.2	66.1	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
≥ 18000	58.4	66.4	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	59.0	66.9	67.7	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
≥ 14000	59.9	67.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	64.1	72.9	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	68.0	79.8	81.2	81.7	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	68.7	80.7	82.1	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	70.3	83.1	84.4	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 7000	70.5	84.0	85.4	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
≥ 6000	71.0	85.1	86.5	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	72.0	86.3	87.8	88.6	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	72.1	86.9	88.5	89.2	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	72.6	88.9	90.9	92.5	92.9	92.9	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	72.9	89.3	91.4	92.9	93.4	93.4	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	73.2	90.6	92.8	94.5	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	73.7	91.4	93.6	95.3	95.9	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	74.1	92.5	94.7	96.4	97.0	97.0	97.3	97.5	97.5	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1800	74.1	92.5	94.7	96.4	97.0	97.0	97.3	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 500	74.2	92.8	95.1	96.7	97.3	97.3	97.6	97.9	98.0	98.5	98.5	98.5	98.5	98.5	98.7	98.7
≥ 1200	74.3	93.0	95.3	97.1	97.6	97.8	98.1	98.3	98.4	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1000	74.3	93.0	95.4	97.2	97.9	98.1	98.4	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 900	74.3	93.0	95.4	97.2	97.9	98.1	98.4	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 800	74.3	93.0	95.4	97.2	97.9	98.1	98.7	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	74.3	93.0	95.4	97.2	97.9	98.1	98.7	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	74.3	93.0	95.4	97.2	97.9	98.1	98.7	99.0	99.1	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	74.3	93.0	95.4	97.2	97.9	98.1	98.7	99.0	99.1	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	74.3	93.0	95.4	97.2	97.9	98.1	98.7	99.0	99.1	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	74.3	93.0	95.4	97.2	97.9	98.1	98.7	99.0	99.1	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	74.3	93.0	95.4	97.2	97.9	98.1	98.7	99.0	99.1	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	74.3	93.0	95.4	97.2	97.9	98.1	98.7	99.0	99.1	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	74.3	93.0	95.4	97.2	97.9	98.1	98.7	99.0	99.1	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUNE (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	
NO CEILING	34.0	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 20000	55.6	61.3	61.9	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
≥ 18000	55.9	61.5	62.2	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
≥ 16000	56.0	61.6	62.3	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
≥ 14000	57.3	63.4	64.1	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
≥ 12000	61.0	68.7	69.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000	67.6	78.9	80.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	68.6	80.4	81.5	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
≥ 8000	71.1	83.7	84.8	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
≥ 7000	71.7	84.9	86.1	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
≥ 6000	72.2	85.5	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	73.0	86.8	88.2	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	73.3	87.4	88.9	90.7	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	73.9	89.0	90.7	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	74.2	89.6	91.4	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	74.9	90.8	92.6	94.8	95.2	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	75.2	91.3	93.1	95.5	95.8	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	75.9	92.9	94.7	97.1	97.4	97.4	97.6	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	75.9	92.9	94.7	97.1	97.4	97.4	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	75.9	92.9	94.7	97.1	97.4	97.4	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	75.9	93.4	95.3	98.0	98.4	98.4	98.6	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1000	75.9	93.5	95.4	98.2	98.6	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 900	75.9	93.5	95.4	98.2	98.6	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 800	75.9	93.5	95.4	98.2	98.6	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 700	75.9	93.5	95.4	98.2	98.6	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 600	75.9	93.5	95.4	98.3	98.8	98.8	99.0	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	75.9	93.5	95.4	98.3	98.8	98.8	99.0	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	75.9	93.5	95.4	98.3	98.8	98.8	99.0	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	75.9	93.5	95.4	98.3	98.8	98.8	99.0	99.3	99.3	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	75.9	93.5	95.4	98.3	98.8	98.8	99.0	99.3	99.3	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	75.9	93.5	95.4	98.3	98.8	98.8	99.0	99.3	99.3	99.5	99.8	99.8	99.9	99.9	100.0	100.0
0	75.9	93.5	95.4	98.3	98.8	98.8	99.0	99.3	99.3	99.5	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 888

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.6	55.5	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	67.0	73.3	73.7	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	67.1	73.4	73.8	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	67.2	73.5	73.9	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	67.6	73.9	74.3	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	71.1	77.9	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	77.0	86.0	86.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	77.5	86.5	87.0	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	78.4	88.0	88.7	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	80.1	90.1	90.8	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	81.7	91.9	92.8	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	82.6	92.9	93.8	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	82.9	93.5	94.4	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	83.2	94.0	94.9	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	83.4	94.4	95.3	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
≥ 3000	83.9	95.7	96.5	97.0	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	83.9	95.7	96.5	97.0	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	84.2	96.3	97.3	97.8	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	84.3	96.4	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	84.3	96.8	97.8	98.3	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	84.5	97.1	98.1	98.6	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	84.5	97.1	98.1	98.6	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	84.5	97.1	98.3	98.8	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	84.5	97.1	98.3	98.8	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	84.5	97.1	98.3	98.8	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	84.5	97.1	98.3	98.9	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	84.5	97.1	98.3	98.9	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.5	97.1	98.3	98.9	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.5	97.1	98.3	98.9	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.5	97.1	98.3	98.9	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.5	97.1	98.3	98.9	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.5	97.1	98.3	98.9	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 805

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.7	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
≥ 20000	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 16000	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 14000	88.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 12000	90.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 10000	94.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 9000	94.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 8000	94.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	94.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	94.8	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	95.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	95.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	95.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	95.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	95.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	95.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	95.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.8	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	100.0
≥ 700	95.8	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	100.0
≥ 600	95.8	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	100.0
≥ 500	95.8	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	100.0
≥ 400	95.8	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	100.0
≥ 300	95.8	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	100.0
≥ 200	95.8	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	100.0
≥ 100	95.8	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	100.0
0	95.8	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	100.0

TOTAL NUMBER OF OBSERVATIONS 648

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-75 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 20000	86.6	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
≥ 18000	86.6	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
≥ 16000	86.6	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
≥ 14000	88.8	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
≥ 12000	90.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 10000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 9000	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 8000	94.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 7000	94.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 6000	94.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	94.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	94.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	94.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	94.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	94.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	94.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	94.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	94.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	95.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	95.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	95.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 649

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.7	73.9	75.1	76.2	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 20000	74.9	83.7	85.2	86.3	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	74.9	83.7	85.2	86.3	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 16000	75.2	84.2	85.7	86.7	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 14000	75.9	84.8	86.3	87.4	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 12000	78.7	87.9	89.4	90.5	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000	85.1	95.4	96.9	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 9000	85.2	95.6	97.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	85.5	95.8	97.3	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	85.6	95.9	97.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	85.9	96.2	97.7	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	86.1	96.6	98.1	99.1	99.1	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	86.1	96.8	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	86.1	96.8	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	86.1	96.8	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	86.1	96.8	98.3	99.4	99.4	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	86.1	96.8	98.3	99.4	99.4	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	86.1	96.8	98.3	99.4	99.4	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	86.1	96.8	98.3	99.4	99.4	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	86.1	96.8	98.3	99.4	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	86.1	96.8	98.3	99.4	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.1	96.8	98.3	99.4	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.1	96.8	98.3	99.4	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.1	96.8	98.3	99.4	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.1	96.8	98.3	99.4	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.1	96.8	98.3	99.4	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.1	96.8	98.3	99.4	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.5	71.9	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	79.8	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	80.0	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 16000	80.3	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	81.5	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 12000	84.2	89.5	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 10000	89.9	96.3	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 9000	90.5	97.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 8000	91.0	97.5	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	91.0	97.5	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	91.1	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	91.1	97.7	97.9	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
≥ 4500	91.2	97.8	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	91.2	97.9	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	91.2	97.9	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	91.6	98.5	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	91.8	98.7	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	99.6
≥ 2000	91.8	98.7	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	99.6
≥ 1800	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	92.1	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.1	99.0	99.4	99.7	99.7	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 924

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-74 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	59.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	77.3	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	77.5	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	77.8	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	78.8	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 12000	81.1	85.8	85.8	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
≥ 10000	85.5	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	85.8	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	86.9	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 7000	86.9	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 6000	87.4	94.2	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	87.9	94.8	94.9	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
≥ 4500	88.0	94.9	95.0	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
≥ 4000	88.1	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	88.1	95.5	95.6	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
≥ 3000	89.3	97.1	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	89.5	97.7	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 2000	90.1	98.2	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	.5	99.5
≥ 1800	90.2	98.3	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6		99.6
≥ 1500	90.2	98.5	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	.8	99.8
≥ 1200	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	90.2	98.5	98.9	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	69.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	69.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	69.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	71.0	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	75.8	75.8
≥ 12000	72.7	78.2	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
≥ 10000	80.2	89.0	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 9000	80.2	89.0	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	81.6	91.3	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	81.9	91.9	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	81.9	91.9	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	82.9	93.2	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	82.9	93.4	94.0	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	83.2	93.9	94.7	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	83.2	94.1	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	84.1	95.9	96.9	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	84.3	96.6	97.6	97.8	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	84.5	97.1	98.3	98.5	98.8	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	84.5	97.1	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	84.6	.2	98.4	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	84.6	97.2	98.4	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1000	84.6	97.3	98.6	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 900	84.6	97.3	98.6	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 800	84.6	97.3	98.6	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 700	84.6	97.3	98.6	98.9	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	84.6	97.3	98.6	98.9	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	84.6	97.3	98.6	98.9	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 400	84.6	97.3	98.6	98.9	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 300	84.6	97.3	98.6	98.9	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	84.6	97.3	98.6	98.9	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	84.6	97.3	98.6	98.9	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	84.6	97.3	98.6	98.9	99.2	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 57-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	39.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	62.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	63.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	63.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	65.3	70.0	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
≥ 12000	67.8	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	78.1	87.5	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	79.1	88.6	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	80.4	90.3	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000	81.0	91.1	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000	81.6	91.6	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	81.9	92.5	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	81.9	92.8	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	82.3	93.4	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	82.8	94.3	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	83.5	95.6	96.4	96.9	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	83.5	95.9	97.0	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	84.1	96.5	97.8	98.4	98.8	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1800	84.1	96.5	97.8	98.4	98.8	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1500	84.1	96.5	97.9	98.5	98.9	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 1200	84.1	96.5	97.9	98.6	99.0	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1000	84.1	96.5	97.9	98.6	99.0	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	84.1	96.5	97.9	98.6	99.0	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	84.1	96.5	97.9	98.6	99.0	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	84.2	96.6	98.0	98.7	99.1	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	84.2	96.6	98.0	98.7	99.1	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	84.2	96.6	98.0	98.8	99.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	84.3	96.7	98.2	98.9	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	84.3	96.7	98.2	98.9	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	84.3	96.7	98.2	98.9	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	84.3	96.7	98.2	98.9	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	84.3	96.7	98.2	98.9	99.3	99.5	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	74.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	74.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	74.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	75.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000	78.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	85.7	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
≥ 9000	86.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 8000	87.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	87.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000	87.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	88.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	88.6	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
≥ 4000	89.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	89.5	97.1	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
≥ 3000	89.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	89.9	98.9	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	90.2	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	90.2	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	90.3	99.4	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	90.3	99.4	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	90.3	99.4	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	90.3	99.4	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	90.4	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	90.4	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	90.4	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.4	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.4	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.4	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.4	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.4	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	90.4	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 835

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.4	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
≥ 20000	81.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	81.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 16000	81.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000	82.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 12000	83.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	90.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 9000	90.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 8000	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7000	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 6000	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	91.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	91.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	91.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	92.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	92.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	92.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	92.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	92.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	92.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	92.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	92.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	92.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	92.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	92.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	93.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	93.2	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	100.0
≥ 200	93.2	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	100.0
≥ 100	93.2	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	100.0
0	93.2	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	100.0

TOTAL NUMBER OF OBSERVATIONS 648

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73,76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	80.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 20000	83.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	83.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000	83.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	83.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 12000	85.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 10000	90.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 9000	90.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	90.4	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	97.8
≥ 7000	90.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 6000	90.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	90.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	90.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	91.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	91.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	91.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	91.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	91.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	91.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	92.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	92.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	92.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	92.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 648

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS L.ST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.9	76.7	78.2	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	75.1	85.3	86.9	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
≥ 18000	75.1	85.5	87.1	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 16000	75.2	85.6	87.3	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 14000	75.4	85.8	87.5	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 12000	78.2	89.1	90.8	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
≥ 10000	81.5	93.1	94.8	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	82.5	94.1	95.8	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 8000	83.3	95.1	96.8	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 7000	83.4	95.2	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 6000	83.4	95.2	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	83.4	95.3	97.0	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	83.5	95.4	97.1	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
≥ 4000	83.7	95.6	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	83.8	95.8	97.6	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	84.3	96.4	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	84.3	96.4	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	84.3	96.4	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	84.3	96.4	98.2	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	84.4	96.6	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	84.4	96.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	84.4	96.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	84.4	96.7	98.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	84.4	96.8	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	84.4	96.8	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.4	96.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.6	74.8	75.1	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 20000	79.7	84.7	85.1	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 18000	80.0	85.2	85.7	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 16000	80.3	85.5	85.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000	81.0	86.2	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000	84.8	90.3	90.8	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 10000	89.4	95.3	95.9	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 9000	89.7	95.7	96.2	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 8000	90.7	96.6	97.3	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 7000	90.7	96.6	97.3	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	90.7	96.6	97.3	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	90.7	96.6	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	90.9	97.1	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	90.9	97.1	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	90.9	97.1	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	91.3	97.5	98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	91.3	97.5	98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	91.4	97.7	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	91.5	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	91.6	97.9	98.7	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.6	97.9	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	65.2	67.9	68.4	68.4	68.7	68.9	68.8	68.8	68.8	68.8	68.8	65.8	68.8	68.8	68.8	68.8
≥ 20000	78.8	82.5	83.2	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 18000	78.8	82.5	83.2	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	78.8	82.7	83.4	83.8	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	79.5	83.4	84.0	84.5	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 12000	83.3	87.5	88.2	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 10000	87.6	93.5	94.2	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 9000	87.7	93.6	94.3	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000	88.2	94.3	95.1	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 7000	88.2	94.3	95.1	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 6000	88.2	94.3	95.1	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 5000	88.3	94.7	95.4	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 4500	88.3	94.7	95.4	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 4000	88.5	95.0	95.8	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 3500	88.6	95.1	95.9	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0
≥ 3000	89.3	96.1	97.0	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 2500	89.8	96.6	97.6	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 2000	90.3	97.4	98.4	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1800	90.5	97.5	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1500	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1200	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 1000	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 900	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 800	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 700	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 600	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 500	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	90.5	97.6	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.9	56.7	56.7	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	69.5	74.8	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	69.5	74.8	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	69.9	75.2	75.3	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	70.4	75.8	75.9	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	73.6	79.8	79.9	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000	79.1	86.9	87.1	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	79.8	87.6	87.7	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	81.4	89.8	90.0	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	81.4	89.8	90.2	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	81.7	90.4	90.9	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	82.0	91.3	91.8	92.1	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	82.1	91.4	91.9	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	82.5	92.0	92.6	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	82.6	92.5	93.0	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	84.0	94.1	94.8	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	84.3	95.5	96.5	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 2000	85.0	96.3	97.3	97.9	98.3	98.6	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1800	85.0	96.3	97.3	97.9	98.3	98.6	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1500	85.0	96.5	97.5	98.0	98.6	98.9	98.9	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1200	85.1	96.6	97.6	98.1	98.7	99.0	99.0	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1000	85.1	96.6	97.6	98.1	98.7	99.0	99.0	99.1	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	85.1	96.6	97.6	98.1	98.7	99.0	99.0	99.1	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	85.1	96.6	97.6	98.1	98.7	99.0	99.0	99.1	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.8
≥ 700	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9
≥ 600	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9
≥ 500	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9
≥ 400	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	100.0
≥ 300	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	100.0
≥ 200	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	100.0
≥ 100	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	100.0
≥ 0	85.1	96.6	97.6	98.2	98.8	99.1	99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 904

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.3	52.8	53.0	53.3	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	68.6	74.3	74.5	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	68.7	74.4	74.6	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	68.9	74.5	74.8	75.1	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	69.5	75.6	75.8	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	72.7	78.9	79.1	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10000	81.7	89.8	90.1	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 9000	82.2	90.7	90.9	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	83.4	92.2	92.7	93.1	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	83.5	92.5	93.0	93.4	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 6000	83.6	92.7	93.1	93.6	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	83.9	93.2	93.6	94.2	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	83.9	93.3	93.9	94.3	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	84.4	94.1	94.6	95.1	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	84.6	94.6	95.4	95.8	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	85.4	95.6	96.4	96.8	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	85.9	96.3	97.2	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	86.0	97.0	98.0	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	86.0	97.2	98.3	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	86.1	97.3	98.4	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	86.2	97.4	98.5	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 57-76 YEARS — AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.3	69.8	70.0	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
≥ 20000	78.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	78.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 16000	78.6	83.8	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
≥ 14000	79.4	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 12000	81.6	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	88.6	95.8	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 9000	88.8	96.0	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 8000	89.6	97.1	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 7000	89.7	97.2	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	90.1	97.7	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	90.2	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	90.3	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	90.3	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	90.9	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	91.1	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	91.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	91.2	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	91.2	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	91.2	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	91.3	99.4	99.6	99.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	91.3	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	91.3	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	91.3	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.3	99.4	99.6	99.8	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	91.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 827

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.4	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 20000	78.7	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	78.7	80.6	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
≥ 16000	79.2	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	79.5	81.5	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
≥ 12000	81.3	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	87.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	87.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000	88.9	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	89.0	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
≥ 6000	89.5	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5000	90.6	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	90.6	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	91.3	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	91.3	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	92.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	93.4	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	93.7	97.4	98.1	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
≥ 1800	93.7	97.4	98.1	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
≥ 1500	93.7	97.6	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	93.7	97.6	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	93.9	97.9	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	94.2	98.4	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	94.4	98.7	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	94.4	98.7	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	94.4	98.7	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.4	98.7	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-73,75-76 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.1	72.9	73.2	73.7	73.8	73.9	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 20000	74.0	78.1	78.5	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	74.0	78.1	78.5	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000	74.3	78.3	78.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	75.1	79.3	79.6	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000	78.3	82.9	83.3	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	83.3	88.0	88.5	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	83.4	88.2	88.7	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	85.2	90.1	90.7	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
≥ 7000	85.3	90.3	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	85.3	90.3	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	80.6	92.0	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
≥ 4500	86.8	92.8	92.8	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	87.4	93.1	93.9	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	87.7	93.5	94.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	88.7	94.6	95.4	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
≥ 2500	89.5	95.4	96.2	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	89.8	96.2	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	89.8	96.2	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	89.8	96.3	97.1	97.9	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	90.0	96.5	97.3	98.1	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	90.4	97.0	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	90.4	97.0	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	90.6	97.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	90.6	97.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	90.6	97.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	90.6	97.1	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	90.6	97.6	98.4	99.2	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.6	97.6	98.4	99.2	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.6	97.6	98.4	99.2	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.6	97.6	98.4	99.2	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.6	97.6	98.4	99.2	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 627

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.0	64.8	65.4	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
≥ 20000	67.1	77.2	77.9	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 18000	67.2	77.3	78.1	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9
≥ 16000	67.3	77.4	78.2	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.1
≥ 14000	68.1	78.2	78.9	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8
≥ 12000	71.3	82.3	83.1	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.8	83.8	83.8	84.0
≥ 10000	76.0	88.0	88.8	89.1	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9
≥ 9000	76.0	88.1	89.0	89.4	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1
≥ 8000	78.3	90.5	91.4	91.7	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5
≥ 7000	78.4	90.7	91.7	92.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
≥ 6000	78.8	91.2	92.2	92.5	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4
≥ 5000	79.3	92.3	93.3	93.6	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5
≥ 4500	79.8	92.4	93.4	93.7	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 4000	80.3	92.8	93.8	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.1
≥ 3500	80.4	93.1	94.1	94.4	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3
≥ 3000	81.1	94.0	95.0	95.3	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2
≥ 2500	81.2	94.3	95.4	95.9	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 2000	81.4	95.1	96.2	96.6	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.9
≥ 1800	81.4	95.2	96.3	96.9	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1
≥ 1500	81.5	95.4	96.5	97.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4
≥ 1200	81.6	95.5	96.6	97.3	98.1	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.7
≥ 1000	81.6	95.7	96.9	97.6	98.4	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	99.0
≥ 900	81.9	96.1	97.2	98.0	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.3
≥ 800	82.0	96.2	97.3	98.1	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4
≥ 700	82.0	96.2	97.4	98.2	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.6
≥ 600	82.1	96.3	97.5	98.3	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.7
≥ 500	82.1	96.3	97.5	98.3	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.7
≥ 400	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	82.1	96.4	97.6	98.4	99.2	99.2	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4
≥ 20000	73.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
≥ 18000	73.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
≥ 16000	73.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
≥ 14000	74.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0
≥ 12000	77.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7
≥ 10000	81.9	89.1	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7
≥ 9000	82.5	89.8	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
≥ 8000	83.8	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 7000	84.0	91.8	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
≥ 6000	84.5	92.2	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 5000	85.3	93.0	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 4500	85.4	93.1	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
≥ 4000	85.6	93.5	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 3500	86.1	93.9	94.3	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1
≥ 3000	86.6	94.6	94.9	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
≥ 2500	87.4	95.7	96.1	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 2000	88.1	97.0	97.3	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5
≥ 1800	88.2	97.1	97.4	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7
≥ 1500	88.6	97.5	97.9	98.5	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1
≥ 1200	88.6	97.5	98.0	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3
≥ 1000	88.8	97.6	98.1	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6
≥ 900	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7
≥ 800	88.9	97.8	98.2	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7
≥ 700	88.9	97.8	98.4	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	88.9	97.8	98.4	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	88.9	97.8	98.4	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	88.9	97.8	98.4	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	88.9	97.8	98.4	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	88.9	97.8	98.4	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	88.9	97.8	98.4	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	88.9	97.8	98.4	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 689

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.8	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	75.7	79.0	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	76.0	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000	76.0	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	77.0	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000	78.8	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	85.0	90.9	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	85.3	91.5	91.8	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	86.8	93.3	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 7000	87.4	93.9	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	87.8	94.3	94.6	94.7	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 5000	88.2	94.7	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	88.6	95.2	95.5	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	88.9	95.5	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	89.1	95.9	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	89.8	96.6	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	90.4	97.3	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	90.8	98.1	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6
≥ 1800	90.8	98.1	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6
≥ 1500	90.9	98.2	98.7	99.1	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1200	90.9	98.2	98.7	99.1	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1000	91.0	98.3	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 900	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	91.0	98.3	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.7	54.4	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	68.8	73.3	73.6	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
≥ 18000	69.1	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	69.1	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	69.8	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	71.6	77.6	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	78.9	86.7	87.1	87.5	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	79.7	87.8	88.2	88.6	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000	81.7	90.7	91.3	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	82.0	91.0	91.6	91.9	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	82.2	91.3	91.8	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000	82.8	91.9	92.5	92.8	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	83.5	92.7	93.3	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	84.1	93.5	94.1	94.5	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	84.7	94.2	94.7	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	85.4	95.1	96.3	96.8	96.8	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	85.7	95.7	96.6	97.1	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	85.9	96.4	97.3	97.8	98.0	98.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	85.9	96.4	97.4	97.9	98.1	98.1	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	86.1	97.0	98.0	98.4	98.7	98.7	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	86.1	97.0	98.1	98.5	98.9	98.9	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	86.1	97.1	98.2	98.7	99.0	99.0	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	86.1	97.1	98.2	98.7	99.0	99.0	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	86.1	97.1	98.2	98.7	99.1	99.1	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	86.1	97.1	98.2	98.7	99.1	99.1	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	86.1	97.1	98.2	98.7	99.1	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.1	97.1	98.2	98.7	99.1	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.1	97.1	98.2	98.7	99.1	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.1	97.1	98.2	98.7	99.1	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.1	97.1	98.2	98.7	99.1	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.1	97.1	98.2	98.7	99.1	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.1	97.1	98.2	98.7	99.1	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

5

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.1	52.1	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	65.6	71.9	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	65.6	71.9	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	65.6	71.9	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	67.0	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
≥ 12000	70.0	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
≥ 10000	76.5	86.6	87.2	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000	76.9	87.4	88.0	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	78.2	89.4	90.1	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000	78.7	89.9	90.6	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	78.9	90.2	90.9	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	79.0	90.4	91.1	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	79.2	90.7	91.3	92.0	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	80.0	91.9	92.6	93.3	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	80.3	92.5	93.3	94.0	94.4	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	81.0	94.0	94.8	95.6	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	81.5	94.9	96.1	97.0	97.3	97.4	97.5	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	82.0	95.8	97.0	97.9	98.3	98.4	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	82.0	96.0	97.1	98.0	98.4	98.5	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	82.4	96.4	97.5	98.4	98.9	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	82.4	96.4	97.5	98.4	98.9	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	82.5	96.5	97.8	98.7	99.1	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	82.5	96.5	97.8	98.7	99.1	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	82.5	96.5	97.8	98.7	99.1	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.5	96.5	97.8	98.7	99.1	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.5	96.5	97.8	98.7	99.1	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.5	96.5	97.8	98.7	99.1	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	82.5	96.5	97.8	98.7	99.1	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	65.3	68.6	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
≥ 20000	70.7	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	70.7	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 16000	70.9	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	77.7	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	81.9
≥ 12000	79.7	83.9	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
≥ 10000	85.3	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 9000	85.5	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	92.0
≥ 8000	86.1	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	92.9
≥ 7000	86.5	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	86.8	93.1	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
≥ 5000	87.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	87.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	87.5	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	87.9	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	89.0	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
≥ 2500	89.4	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 2000	89.7	98.4	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1800	89.7	98.4	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1500	89.7	98.4	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1200	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9
≥ 400	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	90.0	98.6	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 808

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.3	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	68.0	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	68.0	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	68.0	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	68.8	74.5	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
≥ 12000	69.7	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
≥ 10000	75.4	82.2	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
≥ 9000	75.4	83.5	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
≥ 8000	77.1	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	77.3	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	78.2	87.2	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 5000	80.2	89.5	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	80.4	89.6	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	81.8	91.5	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	92.3
≥ 3500	82.2	92.4	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	83.8	96.3	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	84.2	96.9	97.5	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
≥ 2000	84.7	98.0	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	84.7	98.1	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	84.7	98.1	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	84.7	98.1	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	84.9	98.3	98.9	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 647

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74,76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	64.5	69.9	70.3	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
≥ 20000	68.2	74.0	74.5	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	68.2	74.0	74.5	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	68.2	74.0	74.5	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	68.6	74.5	75.0	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 12000	70.2	76.2	76.7	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	74.3	80.4	80.8	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 9000	75.1	81.1	81.8	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	77.1	83.5	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	77.1	83.5	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	77.9	84.4	85.0	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000	79.1	86.7	87.6	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	79.4	87.3	88.3	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	81.6	89.6	90.6	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	82.5	90.7	91.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	83.6	94.0	95.2	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	83.8	94.3	95.7	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	83.9	95.2	96.6	96.8	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	84.1	95.4	96.8	96.9	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	84.1	95.5	97.1	97.2	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	84.1	95.5	97.1	97.2	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	84.1	95.5	97.1	97.2	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	84.1	95.5	97.1	97.2	98.0	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	84.2	95.7	97.2	97.4	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	84.2	95.8	97.4	97.7	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	84.4	96.0	97.5	97.8	98.6	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	84.4	96.0	97.5	97.8	98.6	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	84.4	96.0	97.7	98.0	98.8	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	84.4	96.0	98.0	98.3	99.2	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	84.4	96.0	98.0	98.3	99.2	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	84.4	96.0	98.0	98.3	99.2	99.4	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
0	84.4	96.0	98.0	98.3	99.2	99.4	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 647

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥½	≥5/16	≥¼	≥0
NO CEILING	50.9	59.1	60.1	61.3	61.6	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	57.0	66.7	67.8	69.1	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 18000	57.0	66.7	67.8	69.1	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	57.0	66.7	67.8	69.1	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	57.3	67.0	68.1	69.5	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	59.6	70.1	71.4	72.7	73.2	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	64.8	76.6	77.9	79.2	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 9000	65.3	77.3	78.6	79.9	80.3	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	67.5	80.9	82.4	83.7	84.2	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	67.6	81.0	82.5	83.8	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	68.4	81.9	83.4	84.7	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	69.7	83.5	85.2	86.5	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	70.4	84.4	86.0	87.4	88.0	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	72.4	86.6	88.4	89.7	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	73.4	87.9	89.9	91.2	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	74.3	89.9	91.9	93.3	94.3	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	75.3	91.3	93.3	94.8	95.9	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	75.5	91.6	93.7	95.3	96.5	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	75.6	91.9	94.0	95.5	96.7	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	75.7	92.0	94.1	95.6	96.8	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6		97.6
≥ 1200	75.7	92.1	94.2	95.7	97.0	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	75.7	92.1	94.2	95.7	97.0	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	75.7	92.2	94.3	95.8	97.1	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	75.7	92.3	94.4	95.9	97.3	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	76.0	93.0	95.1	96.6	98.0	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	76.3	93.2	95.3	96.8	98.2	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	76.3	93.3	95.4	96.9	98.4	98.8	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	76.3	93.4	95.5	97.0	98.5	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	76.3	93.4	95.5	97.0	98.6	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	76.3	93.4	95.5	97.0	98.6	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	76.3	93.4	95.5	97.0	98.6	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	76.3	93.4	95.5	97.0	98.6	99.0	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.6	60.9	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
≥ 20000	61.2	69.1	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	61.3	69.2	69.7	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
≥ 16000	61.3	69.2	69.7	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
≥ 14000	61.8	69.8	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	64.1	73.2	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 10000	68.4	78.6	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	69.1	79.6	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	72.2	84.6	85.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	72.8	85.2	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	73.0	85.7	86.7	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	74.4	87.7	88.6	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	75.0	88.3	89.3	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	76.0	89.5	90.7	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	77.1	90.7	91.9	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	78.5	93.4	94.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	79.0	94.5	95.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	79.1	95.2	96.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	79.1	95.2	96.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	79.1	95.6	97.0	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	79.1	95.8	97.2	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	79.2	96.1	97.5	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	79.2	96.1	97.5	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	79.2	96.1	97.5	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	79.4	96.2	97.6	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	79.4	96.2	97.6	98.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	79.4	96.4	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	79.4	96.4	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	79.4	96.4	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	79.4	96.4	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	79.4	96.4	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	79.4	96.4	97.8	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) UCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.1	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	63.8	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	64.0	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	64.0	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	64.5	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	67.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	72.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	73.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	76.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	77.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	78.2	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	79.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	79.5	89.9	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	80.1	90.8	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	80.8	91.6	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	81.8	94.6	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	82.0	95.4	96.0	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	83.0	96.9	97.4	97.8	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	83.1	97.0	97.5	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	83.2	97.5	98.0	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	83.2	97.6	98.2	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	83.2	97.7	98.4	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	83.2	97.7	98.4	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	83.2	97.7	98.4	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	83.2	97.7	98.4	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	83.2	97.7	98.4	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	83.2	97.7	98.4	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	83.2	97.7	98.4	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
0	83.2	97.7	98.4	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	50.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	59.7	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	59.9	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 16000	59.9	66.5	66.8	66.8	66.6	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	61.8	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	65.7	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	71.9	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	72.8	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 8000	75.1	84.8	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.8	85.8	85.8	85.8
≥ 7000	75.7	85.5	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	76.6	86.9	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	78.5	88.9	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	79.7	89.2	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	79.5	90.5	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	79.8	91.3	92.0	92.4	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	80.9	93.9	94.9	95.2	95.6	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	81.1	94.8	95.9	96.2	96.8	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	81.9	96.2	97.3	97.9	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	81.9	96.2	97.3	97.9	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	81.9	96.3	97.5	98.1	98.9	98.9	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	81.9	96.5	97.7	98.5	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	81.9	96.5	97.7	98.5	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.9	96.6	97.8	98.6	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 916

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12857 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.2	57.5	57.9	58.0	58.1	59.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	60.0	69.0	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
< 20000	60.1	69.7	69.8	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	60.2	69.3	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
< 18000	61.2	70.4	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	63.6	73.2	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
< 14000	68.9	80.0	80.8	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 12000	69.4	80.8	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
< 12000	71.7	84.6	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000	72.0	84.9	86.1	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
< 10000	72.6	85.9	87.3	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000	74.3	87.9	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
< 9000	74.4	88.2	89.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	74.9	89.7	91.3	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
< 8000	75.5	90.8	92.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 7000	76.1	92.4	94.1	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6
< 7000	76.6	93.4	95.1	96.1	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9
≥ 6000	77.0	94.4	96.2	97.3	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3
< 6000	77.0	94.5	96.3	97.4	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 5000	77.5	94.9	96.9	97.9	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0
< 5000	77.5	95.3	97.3	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	99.6
≥ 4500	77.5	95.3	97.3	98.4	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	99.6
< 4500	77.5	95.6	97.5	98.6	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8
≥ 4000	77.5	95.6	97.6	98.7	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
< 4000	77.5	95.6	97.6	98.7	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
≥ 3500	77.5	95.6	97.6	98.7	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9
< 3500	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 3000	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 3000	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 2500	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 2500	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 2000	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 2000	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 1800	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 1800	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 1500	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 1500	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 1200	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 1200	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 1000	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 1000	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 900	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 900	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 800	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 800	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 700	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 700	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 600	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 600	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 500	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 500	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 400	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 400	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 300	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 300	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
< 200	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
0	77.5	95.6	97.6	98.7	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.4	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	68.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	68.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	68.1	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	68.8	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	70.5	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	74.6	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	74.9	83.5	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	76.6	86.5	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	76.7	86.6	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	77.6	88.0	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	79.0	90.3	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	79.3	90.7	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	80.4	92.4	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	81.4	93.9	94.4	94.4	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	81.7	96.2	96.8	96.8	97.1	97.1	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	81.8	96.7	97.3	97.3	97.6	97.6	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	82.2	97.4	98.0	98.1	98.9	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	82.2	97.6	98.2	98.3	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	82.2	97.6	98.2	98.3	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 1200	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	82.3	97.9	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 842

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-73 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.3	71.2	71.5	71.5	71.5	71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 20000	68.3	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	68.3	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	68.3	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	68.3	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	69.7	74.7	75.0	75.0	75.0	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	73.7	79.0	79.3	79.3	79.3	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	74.0	79.3	79.6	79.6	79.6	79.6	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	76.0	81.7	82.1	82.2	82.4	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	77.7	84.3	84.6	84.8	84.9	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	78.7	85.7	86.1	86.2	86.4	86.4	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	83.5	90.7	91.0	91.2	91.3	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	84.3	91.5	91.8	92.0	92.1	92.1	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	86.9	94.7	95.0	95.4	95.5	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	87.2	95.0	95.4	95.7	95.8	95.8	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	87.7	95.5	95.8	96.2	96.3	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	88.8	96.6	97.0	97.3	97.4	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	88.8	96.6	97.0	97.3	97.4	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	88.9	96.8	97.1	97.4	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	88.9	96.8	97.1	97.4	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	89.3	97.1	97.4	97.8	98.1	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	89.3	97.3	97.6	97.9	98.2	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	89.4	97.4	97.8	98.1	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	89.7	97.9	98.2	98.6	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	89.9	98.1	98.4	98.7	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	89.9	98.1	98.4	98.7	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 624

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-73 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	62.7	68.1	68.4	69.2	69.4	69.5	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	64.6	70.5	70.8	71.6	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	64.6	70.5	70.8	71.6	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	64.6	70.5	70.8	71.6	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	64.9	70.8	71.1	71.9	72.1	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	66.5	72.4	72.7	73.5	73.7	73.8	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	69.1	75.9	76.2	77.0	77.2	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	69.7	76.6	76.9	77.7	77.8	78.0	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	71.6	79.1	79.4	80.2	80.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	73.5	81.3	81.7	82.5	82.6	82.8	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	76.1	84.1	84.4	85.2	85.3	85.5	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	79.9	88.0	88.4	89.2	89.3	89.5	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	80.5	88.7	89.0	89.8	90.0	90.1	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	84.4	92.8	93.3	94.1	94.3	94.4	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	85.0	93.5	93.9	94.7	94.9	95.1	95.2	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	85.0	94.1	94.6	95.4	95.5	95.7	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	86.0	95.2	95.7	96.5	96.7	96.8	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	86.3	95.7	96.2	97.0	97.1	97.3	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	86.3	95.7	96.2	97.0	97.1	97.3	97.4	98.1	98.2	98.2	98.4	98.2	98.2	98.2	98.2	98.2
≥ 1500	86.3	95.7	96.2	97.0	97.1	97.3	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	86.6	96.2	96.8	97.6	97.8	97.9	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	86.8	96.5	97.1	97.9	98.1	98.2	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	86.9	96.7	97.3	98.1	98.2	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	86.9	96.7	97.3	98.2	98.4	98.6	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	86.9	96.7	97.3	98.2	98.4	98.6	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	86.9	96.7	97.3	98.2	98.4	98.6	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	86.9	96.7	97.3	98.2	98.4	98.6	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	86.9	96.8	97.4	98.4	98.6	98.7	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	86.9	96.8	97.4	98.4	98.6	98.7	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	86.9	96.8	97.4	98.4	98.6	98.7	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	86.9	96.8	97.4	98.4	98.6	98.7	98.9	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	86.9	96.8	97.4	98.4	98.6	98.7	98.9	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	53.5	62.5	63.2	63.8	64.3	64.7	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.7	65.7
≥ 20000	56.1	66.0	66.9	67.5	68.2	68.5	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.5	69.8	69.8
≥ 18000	56.1	66.0	66.9	67.5	68.2	68.5	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.5	69.8	69.8
≥ 16000	56.3	66.2	67.0	67.7	68.3	68.7	68.9	69.3	69.3	69.4	69.4	69.4	69.4	69.7	69.9	69.9
≥ 14000	56.5	66.7	67.7	68.3	68.9	69.3	69.5	69.9	69.9	70.1	70.1	70.1	70.1	70.3	70.6	70.6
≥ 12000	58.5	69.0	70.1	70.7	71.3	71.7	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.7	72.9	72.9
≥ 10000	61.3	72.3	73.9	74.6	75.6	75.9	76.3	76.7	76.7	76.8	76.8	76.8	76.8	77.1	77.3	77.3
≥ 9000	62.3	73.8	75.2	75.8	76.8	77.2	77.5	77.9	77.9	78.1	78.1	78.1	78.1	78.3	78.6	78.6
≥ 8000	63.7	75.5	77.2	77.8	78.8	79.2	79.6	79.9	79.9	80.1	80.1	80.1	80.1	80.3	80.6	80.6
≥ 7000	64.9	77.4	79.2	79.8	80.8	81.2	81.6	82.0	82.0	82.1	82.1	82.1	82.1	82.3	82.6	82.6
≥ 6000	67.4	80.6	82.5	83.1	84.1	84.5	84.8	85.2	85.2	85.3	85.3	85.3	85.3	85.6	85.8	85.8
≥ 5000	70.4	84.2	86.3	87.0	88.0	88.3	88.7	89.1	89.1	89.2	89.2	89.2	89.2	89.5	89.7	89.7
≥ 4500	71.2	85.0	87.1	87.7	88.7	89.1	89.5	89.8	89.8	90.0	90.0	90.0	90.0	90.2	90.5	90.5
≥ 4000	73.2	87.2	89.3	90.1	91.1	91.6	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.7	93.0	93.0
≥ 3500	73.4	87.7	89.8	90.6	91.7	92.2	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.4	93.6	93.6
≥ 3000	73.9	89.2	91.7	92.6	93.7	94.2	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.5	95.7	95.7
≥ 2500	74.2	89.5	92.0	92.9	94.0	94.5	95.0	95.4	95.4	95.5	95.5	95.5	95.5	95.7	96.0	96.0
≥ 2000	74.3	90.0	92.5	93.4	94.5	95.0	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.5	96.7	96.7
≥ 1800	74.3	90.0	92.5	93.4	94.5	95.0	95.7	96.1	96.2	96.4	96.4	96.4	96.4	96.6	96.9	96.9
≥ 1500	74.6	90.5	93.0	93.9	95.0	95.5	96.2	96.6	96.7	96.9	96.9	96.9	96.9	97.1	97.4	97.4
≥ 1200	74.8	90.7	93.2	94.2	95.3	96.0	96.7	97.1	97.2	97.4	97.4	97.4	97.4	97.6	97.9	97.9
≥ 1000	74.8	90.9	93.4	94.4	95.6	96.1	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.7	98.0	98.0
≥ 900	74.8	91.0	93.5	94.5	95.7	96.2	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.9	98.1	98.1
≥ 800	74.9	91.2	93.7	94.9	96.1	96.6	97.4	97.7	97.9	98.0	98.0	98.0	98.0	98.2	98.5	98.5
≥ 700	75.1	91.4	93.9	95.0	96.2	96.7	97.5	97.9	98.0	98.1	98.1	98.1	98.1	98.4	98.6	98.6
≥ 600	75.1	91.4	93.9	95.0	96.4	96.9	97.7	98.1	98.2	98.4	98.4	98.4	98.4	98.6	98.9	98.9
≥ 500	75.1	91.4	93.9	95.0	96.7	97.2	98.1	98.5	98.6	98.7	98.7	98.7	98.7	99.0	99.2	99.2
≥ 400	75.1	91.4	94.0	95.2	97.1	97.6	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.4	99.6	99.6
≥ 300	75.1	91.4	94.0	95.4	97.2	97.7	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.5	99.7	99.7
≥ 200	75.1	91.4	94.0	95.4	97.2	97.7	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.5	99.7	99.7
≥ 100	75.1	91.4	94.0	95.4	97.2	97.7	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.5	99.7	99.9
≥ 0	75.1	91.4	94.0	95.4	97.2	97.7	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 798

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12857 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 57-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.2	63.4	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
≥ 20000	63.3	69.0	69.5	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 18000	63.3	69.0	69.5	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 16000	63.3	69.0	69.5	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 14000	64.2	70.3	71.0	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4
≥ 12000	66.9	74.7	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 10000	69.3	75.1	78.8	78.9	78.9	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 9000	70.4	79.4	80.2	80.3	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7
≥ 8000	73.2	82.1	84.0	84.1	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9
≥ 7000	74.9	85.4	86.3	86.5	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
≥ 6000	75.8	86.8	87.8	88.0	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 5000	77.6	88.9	89.9	90.1	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 4500	77.7	89.1	90.1	90.4	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 4000	78.6	90.7	91.7	91.9	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 3500	79.3	91.6	92.6	92.9	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 3000	80.0	92.7	93.7	94.1	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 2500	80.0	92.8	93.8	94.2	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 2000	80.1	93.3	94.3	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1800	80.2	93.5	94.5	94.8	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1500	80.4	94.1	95.2	95.6	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1200	80.5	94.6	95.9	96.3	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1000	80.5	94.6	95.9	96.5	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 900	80.5	94.6	95.9	96.5	97.4	97.4	97.8	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 800	80.6	94.8	96.1	96.8	97.6	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 700	80.6	94.8	96.2	97.1	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 600	80.6	94.8	96.2	97.1	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 500	80.6	94.8	96.4	97.4	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.6
≥ 400	80.6	94.8	96.5	97.5	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
≥ 300	80.6	94.8	96.5	97.5	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
≥ 200	80.6	94.8	96.5	97.5	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
≥ 100	80.6	94.8	96.5	97.5	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
≥ 0	80.6	94.8	96.5	97.5	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.7	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6
≥ 20000	66.9	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
≥ 18000	66.9	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
≥ 16000	66.9	70.7	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2
≥ 14000	68.1	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 12000	72.1	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
≥ 10000	76.7	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 9000	77.4	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 8000	79.7	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3
≥ 7000	80.7	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 6000	82.3	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥ 5000	85.4	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1
≥ 4500	85.6	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5
≥ 4000	86.6	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥ 3500	87.4	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 3000	88.0	95.3	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 2500	88.1	95.6	95.9	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 2000	88.9	97.0	97.3	97.6	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 1800	89.3	97.4	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 1500	89.5	97.7	98.2	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1200	89.6	98.1	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 1000	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 900	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 800	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 700	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 600	89.6	98.1	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 500	89.6	98.1	98.8	99.1	99.3	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	89.6	98.1	98.8	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 888

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12857 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-74 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.9	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	66.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	66.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	66.5	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	68.1	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	71.8	76.6	76.7	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
≥ 10000	76.1	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	76.3	81.7	81.9	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
≥ 8000	79.3	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	85.6
≥ 7000	81.5	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	82.2	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	83.9	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	84.2	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	85.3	92.3	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
≥ 3500	86.5	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	88.0	95.1	95.4	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	88.1	95.5	95.9	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	88.7	97.1	97.5	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	88.7	97.2	97.6	98.1	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	88.8	97.4	97.9	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	88.8	97.5	98.0	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	88.8	97.5	98.0	98.5	98.9	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	88.8	97.5	98.0	98.5	99.0	99.1	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	88.8	97.5	98.0	98.5	99.0	99.1	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	88.8	97.5	98.1	98.7	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	88.8	97.5	98.1	98.7	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	88.8	97.5	98.1	98.7	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.8	97.5	98.1	98.7	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.8	97.5	98.1	98.7	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.8	97.5	98.1	98.7	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.8	97.5	98.1	98.7	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.8	97.5	98.1	98.7	99.1	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	67.1	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	67.1	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 16000	67.1	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000	68.3	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	71.5	77.5	77.7	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
≥ 10000	75.0	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	75.8	82.5	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	82.8
≥ 8000	78.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	79.5	87.3	87.7	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
≥ 6000	80.2	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	81.7	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	82.2	91.0	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
≥ 4000	84.4	93.3	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	84.8	93.9	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	86.2	95.7	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	86.2	96.4	97.1	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	86.5	96.8	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	86.5	96.9	97.7	98.5	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	86.7	97.1	97.9	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	86.7	97.2	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	86.7	97.2	98.0	99.1	99.2	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	86.7	97.2	98.0	99.1	99.2	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	86.7	97.3	98.2	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	86.7	97.3	98.2	99.4	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.7	97.3	98.2	99.4	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.7	97.3	98.2	99.4	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.7	97.3	98.2	99.4	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.7	97.3	98.2	99.4	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	86.7	97.3	98.2	99.4	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 884

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.9	73.8	73.9	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
≥ 20000	71.6	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	71.6	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	71.6	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	72.1	78.3	78.5	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
≥ 12000	74.8	81.0	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
≥ 10000	78.0	84.5	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
≥ 9000	78.0	84.5	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
≥ 8000	79.5	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	80.6	87.6	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
≥ 6000	81.2	88.7	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	83.8	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	84.1	91.9	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
≥ 4000	85.9	94.3	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	86.4	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	87.0	96.0	96.5	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
≥ 2500	87.2	96.6	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
≥ 2000	87.5	97.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	87.5	97.2	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	87.6	97.4	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	87.6	97.4	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	87.6	97.4	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	87.6	97.4	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	87.6	97.5	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	87.6	97.8	98.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	87.6	97.8	99.1	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
≥ 500	87.6	97.8	99.1	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
≥ 400	87.6	97.8	99.1	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
≥ 300	87.6	97.8	99.1	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
≥ 200	87.6	97.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.6	97.8	99.1	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
0	87.6	97.8	99.1	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 894

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.4	72.9	73.1	73.6	73.7	73.7	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.7	75.0
≥ 20000	69.8	74.5	74.7	75.1	75.4	75.4	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.4	76.7
≥ 18000	69.8	74.5	74.7	75.1	75.4	75.4	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.4	76.7
≥ 16000	69.8	74.5	74.7	75.1	75.4	75.4	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.4	76.7
≥ 14000	70.1	74.8	75.0	75.4	75.7	75.7	76.0	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.7	77.0
≥ 12000	71.9	76.5	76.7	77.1	77.4	77.4	77.8	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.4	78.7
≥ 10000	73.3	77.9	78.1	78.5	78.8	78.8	79.2	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.8	80.1
≥ 9000	73.3	78.1	78.2	78.7	79.0	79.0	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.9	80.2
≥ 8000	75.6	80.0	80.1	81.2	81.5	81.5	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.4	82.7
≥ 7000	75.7	80.7	80.9	81.3	81.6	81.6	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.6	82.9
≥ 6000	77.8	82.7	82.9	83.4	83.7	83.7	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.6	84.9
≥ 5000	80.7	86.3	86.5	86.9	87.2	87.2	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	88.2	88.5
≥ 4500	81.0	86.6	86.9	87.4	87.7	87.7	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.6	89.0
≥ 4000	84.6	90.5	90.8	91.3	91.6	91.8	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.7	93.0
≥ 3500	84.6	91.1	91.4	91.9	92.2	92.4	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.3	93.6
≥ 3000	85.2	92.1	92.5	93.0	93.3	93.5	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.4	94.7
≥ 2500	85.8	92.8	93.3	93.8	94.1	94.2	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	95.2	95.5
≥ 2000	86.2	93.5	93.9	94.4	94.7	94.9	95.2	95.3	95.3	95.6	95.6	95.6	95.6	95.6	96.0	96.3
≥ 1800	86.2	93.6	94.2	94.7	95.0	95.2	95.5	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.3	96.6
≥ 1500	86.2	93.9	94.6	95.0	95.3	95.5	95.8	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.6	96.9
≥ 1200	86.3	94.1	94.7	95.2	95.5	95.6	96.0	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.7	97.0
≥ 1000	86.6	94.4	95.0	95.5	95.8	96.0	96.3	96.4	96.4	96.7	96.7	96.7	96.7	96.7	97.0	97.4
≥ 900	86.6	94.5	95.2	95.6	96.0	96.1	96.6	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.4	97.7
≥ 800	86.8	94.7	95.3	95.8	96.1	96.3	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.5	97.8
≥ 700	86.9	95.2	95.8	96.3	96.6	96.7	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.7	98.0	98.3
≥ 600	87.1	95.5	96.3	96.7	97.0	97.2	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.4	98.8
≥ 500	87.6	96.0	96.7	97.4	97.7	97.8	98.3	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.1	99.4
≥ 400	87.6	96.0	96.7	97.4	97.7	97.8	98.3	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.1	99.4
≥ 300	87.6	96.0	96.9	97.5	97.8	98.0	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.2	99.5
≥ 200	87.6	96.0	96.9	97.5	97.8	98.0	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.2	99.7
≥ 100	87.6	96.0	96.9	97.5	97.8	98.0	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.2	100.0
≥ 0	87.6	96.0	96.9	97.5	97.8	98.0	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 643

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.2	67.6	68.9	69.9	70.0	70.2	70.3	70.3	70.3	70.8	71.1	71.1	71.3	71.3	71.3	71.3
≥ 20000	64.1	70.2	71.3	72.2	72.4	72.5	72.7	72.7	72.7	73.2	73.5	73.5	73.6	73.6	73.6	73.6
≥ 18000	64.1	70.2	71.3	72.2	72.4	72.5	72.7	72.7	72.7	73.2	73.5	73.5	73.6	73.6	73.6	73.6
≥ 16000	64.1	70.2	71.3	72.2	72.4	72.5	72.7	72.7	72.7	73.2	73.5	73.5	73.6	73.6	73.6	73.6
≥ 14000	64.4	70.5	71.6	72.5	72.7	72.8	73.0	73.0	73.0	73.5	73.8	73.8	73.9	73.9	73.9	73.9
≥ 12000	65.1	71.3	72.4	73.3	73.5	73.6	73.8	73.8	73.8	74.3	74.6	74.6	74.7	74.7	74.7	74.7
≥ 10000	66.4	72.5	73.6	74.6	74.7	74.9	75.0	75.0	75.0	75.5	75.8	75.8	76.0	76.0	76.0	76.0
≥ 9000	66.6	72.8	73.9	74.9	75.2	75.4	75.5	75.7	75.7	76.1	76.5	76.5	76.6	76.6	76.6	76.6
≥ 8000	68.4	74.9	76.0	76.9	77.2	77.4	77.6	77.7	77.7	78.2	78.5	78.5	78.6	78.6	78.6	78.6
≥ 7000	69.7	76.3	77.4	78.3	78.6	78.8	79.0	79.1	79.1	79.6	79.9	79.9	80.1	80.1	80.1	80.1
≥ 6000	71.9	78.8	79.9	80.8	81.2	81.3	81.5	81.6	81.6	82.1	82.4	82.4	82.6	82.6	82.6	82.6
≥ 5000	74.4	81.9	83.0	84.0	84.3	84.5	84.6	84.8	84.8	85.2	85.6	85.6	85.7	85.7	85.7	85.7
≥ 4500	75.0	82.6	83.7	84.6	84.9	85.1	85.2	85.4	85.4	85.9	86.2	86.2	86.3	86.3	86.3	86.3
≥ 4000	78.2	85.9	87.0	87.9	88.2	88.4	88.5	88.7	88.7	89.2	89.5	89.5	89.6	89.6	89.6	89.6
≥ 3500	79.6	87.4	88.7	89.6	90.0	90.1	90.3	90.4	90.4	90.9	91.2	91.2	91.4	91.4	91.4	91.4
≥ 3000	80.8	89.0	90.3	91.2	91.5	91.7	91.8	92.0	92.0	92.5	92.8	92.8	92.9	92.9	92.9	92.9
≥ 2500	80.8	89.5	90.7	91.7	92.0	92.2	92.3	92.5	92.5	92.9	93.2	93.2	93.4	93.4	93.4	93.4
≥ 2000	81.5	90.3	91.8	92.9	93.2	93.4	93.6	94.0	94.0	94.5	94.8	94.8	95.0	95.0	95.0	95.0
≥ 1800	81.6	90.4	92.0	93.1	93.4	93.6	93.7	94.2	94.2	94.7	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1500	81.8	90.6	92.2	93.2	93.6	93.7	93.9	94.3	94.3	94.8	95.1	95.1	95.3	95.3	95.3	95.3
≥ 1200	82.4	91.2	92.8	93.9	94.2	94.3	94.5	95.1	95.1	95.6	95.9	95.9	96.1	96.1	96.1	96.1
≥ 1000	82.4	91.2	92.8	93.9	94.2	94.3	94.5	95.3	95.3	95.8	96.1	96.1	96.2	96.2	96.2	96.2
≥ 900	82.6	91.4	92.9	94.0	94.3	94.5	94.7	95.4	95.4	95.9	96.2	96.2	96.4	96.4	96.4	96.4
≥ 800	83.4	92.3	93.9	95.0	95.3	95.4	95.6	96.4	96.4	96.9	97.2	97.2	97.3	97.3	97.3	97.3
≥ 700	83.5	92.6	94.2	95.3	95.6	95.8	96.1	96.9	96.9	97.3	97.6	97.6	97.8	97.8	97.8	97.8
≥ 600	83.5	92.6	94.2	95.3	95.6	95.8	96.1	96.9	96.9	97.3	97.6	97.6	97.8	97.8	97.8	97.8
≥ 500	83.7	93.2	94.8	95.9	96.2	96.4	96.7	97.6	97.6	98.1	98.4	98.4	98.6	98.6	98.6	98.6
≥ 400	83.7	93.2	94.8	95.9	96.4	96.5	96.9	97.8	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7
≥ 300	83.7	93.2	94.8	95.9	96.4	96.5	96.9	97.8	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.9
≥ 200	83.7	93.2	94.8	95.9	96.4	96.5	96.9	98.0	98.0	98.4	98.7	98.7	98.9	98.9	99.1	99.2
≥ 100	83.7	93.2	94.8	95.9	96.4	96.5	96.9	98.0	98.0	98.4	98.7	98.7	98.9	98.9	99.1	99.5
≥ 0	83.7	93.2	94.8	95.9	96.4	96.5	96.9	98.0	98.0	98.4	98.7	98.7	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 637

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.4	59.7	60.0	61.3	61.4	61.4	61.5	61.7	61.7	61.9	61.9	61.9	62.3	62.3	62.6	63.0
≥ 20000	51.8	62.9	63.2	64.8	65.3	65.3	65.5	65.7	65.7	65.9	65.9	65.9	66.4	66.4	66.7	67.1
≥ 18000	51.8	62.9	63.2	64.8	65.3	65.3	65.5	65.7	65.7	65.9	65.9	65.9	66.4	66.4	66.7	67.1
≥ 16000	51.8	62.9	63.2	64.8	65.3	65.3	65.5	65.7	65.7	65.9	65.9	65.9	66.4	66.4	66.7	67.1
≥ 14000	51.9	63.0	63.3	64.9	65.4	65.4	65.7	65.8	65.8	66.0	66.0	66.0	66.5	66.5	66.9	67.2
≥ 12000	52.8	64.3	64.7	66.3	67.0	67.0	67.2	67.4	67.4	67.6	67.6	67.6	68.1	68.1	68.4	68.8
≥ 10000	55.0	67.2	67.8	69.4	70.1	70.1	70.4	70.5	70.5	70.8	70.8	70.8	71.2	71.2	71.6	72.0
≥ 9000	55.3	67.6	68.2	69.8	70.5	70.5	70.8	71.0	71.0	71.2	71.2	71.2	71.7	71.7	72.1	72.5
≥ 8000	56.6	69.4	70.0	71.4	72.3	72.3	72.6	72.8	72.8	73.1	73.1	73.1	73.5	73.5	73.9	74.3
≥ 7000	57.3	70.1	70.8	72.3	73.1	73.1	73.3	73.5	73.5	73.8	73.8	73.8	74.3	74.3	74.6	75.0
≥ 6000	58.9	72.2	72.8	74.5	75.4	75.2	75.6	75.8	75.8	76.2	76.2	76.2	76.7	76.7	77.1	77.4
≥ 5000	62.0	76.7	77.3	79.0	79.7	79.7	80.2	80.5	80.5	80.8	80.8	80.8	81.3	81.3	81.7	82.0
≥ 4500	63.2	78.0	78.6	80.3	81.1	81.1	81.6	81.8	81.8	82.2	82.2	82.2	82.6	82.6	83.0	83.4
≥ 4000	66.3	81.7	82.3	84.3	85.1	85.3	85.9	86.2	86.2	86.5	86.5	86.5	87.0	87.0	87.4	87.7
≥ 3500	67.2	83.4	84.0	86.0	86.8	87.0	87.6	87.9	87.9	88.2	88.2	88.2	88.7	88.7	89.1	89.4
≥ 3000	68.4	85.1	85.7	87.7	88.5	88.7	89.3	89.6	89.6	89.9	89.9	89.9	90.4	90.4	90.9	91.3
≥ 2500	68.8	85.6	86.2	88.2	89.0	89.2	89.8	90.0	90.0	90.4	90.4	90.4	90.9	90.9	91.4	91.7
≥ 2000	69.7	86.7	87.3	89.3	90.2	90.4	91.1	91.4	91.4	91.7	91.7	91.7	92.2	92.2	92.7	93.1
≥ 1800	69.7	86.8	87.4	89.6	90.4	90.7	91.4	91.6	91.6	92.0	92.0	92.0	92.5	92.5	93.0	93.3
≥ 1500	69.8	87.1	87.7	89.9	91.0	91.3	92.0	92.2	92.2	92.6	92.6	92.6	93.1	93.1	93.6	93.9
≥ 1200	70.1	87.6	88.2	90.4	91.5	91.7	92.5	92.7	92.7	93.1	93.1	93.1	93.6	93.6	94.1	94.4
≥ 1000	70.5	88.0	88.6	90.9	92.0	92.2	93.0	93.2	93.2	93.6	93.6	93.6	94.1	94.1	94.5	94.9
≥ 900	70.6	88.3	89.1	91.4	92.5	92.7	93.4	93.7	93.7	94.1	94.1	94.1	94.5	94.5	95.0	95.4
≥ 800	71.1	88.8	89.6	91.9	93.0	93.2	93.9	94.2	94.2	94.5	94.5	94.5	95.0	95.0	95.5	95.9
≥ 700	71.2	89.0	89.7	92.0	93.1	93.3	94.1	94.3	94.3	94.7	94.7	94.7	95.1	95.1	95.6	96.0
≥ 600	71.4	89.1	89.9	92.2	93.3	93.7	94.4	94.7	94.7	95.0	95.0	95.0	95.5	95.5	96.0	96.4
≥ 500	71.4	89.1	90.0	92.5	93.6	93.9	94.8	95.0	95.1	95.5	95.6	95.6	96.1	96.1	96.7	97.1
≥ 400	71.4	89.1	90.2	92.6	93.8	94.3	95.3	95.5	95.6	96.1	96.4	96.4	96.8	96.8	97.5	98.2
≥ 300	71.4	89.1	90.2	92.6	93.8	94.3	95.4	95.8	95.9	96.4	96.6	96.6	97.1	97.2	97.8	98.5
≥ 200	71.4	89.1	90.2	92.6	93.8	94.3	95.4	95.8	95.9	96.4	96.7	96.8	97.5	97.6	98.3	99.3
≥ 100	71.4	89.1	90.2	92.6	93.8	94.3	95.4	95.8	95.9	96.4	96.7	96.8	97.6	97.8	98.9	100.0
0	71.4	89.1	90.2	92.6	93.8	94.3	95.4	95.8	95.9	96.4	96.7	96.8	97.6	97.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 824

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.6	59.6	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.8	60.8	60.8	60.8	61.0	61.0
≥ 20000	57.2	64.3	65.0	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.8	65.8	65.8	65.8	66.1	66.1
≥ 18000	57.2	64.3	65.0	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.9	65.9	65.9	65.9	66.2	66.2
≥ 16000	57.2	64.3	65.0	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.9	65.9	65.9	65.9	66.2	66.2
≥ 14000	57.2	64.3	65.0	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.9	65.9	65.9	65.9	66.2	66.2
≥ 12000	58.2	65.4	66.3	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.2	67.2	67.2	67.2	67.5	67.5
≥ 10000	62.3	70.5	71.1	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.4	72.4
≥ 9000	63.0	71.2	71.9	72.4	72.5	72.5	72.6	72.6	72.6	72.8	73.0	73.0	73.0	73.0	73.2	73.2
≥ 8000	65.0	73.9	74.6	75.1	75.2	75.2	75.4	75.4	75.4	75.5	75.7	75.7	75.7	75.7	75.9	75.9
≥ 7000	65.3	75.2	75.9	76.4	76.5	76.5	76.6	76.6	76.6	76.8	77.0	77.0	77.0	77.0	77.2	77.2
≥ 6000	67.0	76.5	77.3	77.8	78.2	78.2	78.3	78.3	78.3	78.4	78.6	78.6	78.6	78.6	78.8	78.8
≥ 5000	69.3	79.6	80.3	81.1	81.5	81.6	81.8	81.8	81.8	81.9	82.2	82.2	82.2	82.2	82.4	82.4
≥ 4500	70.2	81.1	81.9	82.8	83.2	83.4	83.6	83.6	83.6	83.7	83.9	83.9	83.9	83.9	84.1	84.1
≥ 4000	71.6	83.5	84.3	85.5	85.9	86.1	86.3	86.3	86.3	86.4	86.6	86.6	86.6	86.6	86.8	86.8
≥ 3500	72.5	84.9	85.7	87.0	87.5	87.6	87.8	87.8	87.8	88.0	88.2	88.2	88.3	88.3	88.5	88.5
≥ 3000	73.3	86.1	86.9	88.3	89.0	89.1	89.3	89.3	89.3	89.5	89.7	89.7	89.8	89.8	90.1	90.1
≥ 2500	74.3	87.0	87.9	89.3	89.9	90.1	90.4	90.4	90.4	90.6	90.8	90.8	90.9	90.9	91.1	91.1
≥ 2000	74.9	88.0	88.9	90.5	91.5	91.6	91.9	91.9	91.9	92.1	92.3	92.3	92.4	92.4	92.6	92.6
≥ 1800	75.2	88.3	89.2	90.8	91.8	91.9	92.2	92.2	92.2	92.4	92.6	92.6	92.8	92.8	93.0	93.0
≥ 1500	75.8	89.2	90.2	91.8	92.8	92.9	93.2	93.2	93.2	93.4	93.6	93.6	93.7	93.7	93.9	93.9
≥ 1200	76.6	90.4	91.4	93.1	94.1	94.2	94.5	94.5	94.5	94.7	94.9	94.9	95.0	95.0	95.2	95.2
≥ 1000	76.6	90.5	91.5	93.3	94.3	94.6	94.9	94.9	94.9	95.1	95.4	95.4	95.6	95.6	95.8	95.8
≥ 900	76.9	90.8	91.8	93.6	94.6	94.9	95.2	95.2	95.2	95.5	95.7	95.7	95.9	95.9	96.1	96.1
≥ 800	76.9	91.0	92.1	94.1	95.0	95.4	95.7	95.7	95.7	95.9	96.1	96.1	96.3	96.3	96.5	96.5
≥ 700	76.9	91.2	92.3	94.3	95.2	95.6	95.9	95.9	95.9	96.1	96.3	96.3	96.5	96.5	96.8	96.8
≥ 600	76.9	91.4	92.4	94.5	95.5	95.9	96.3	96.3	96.3	96.5	96.8	96.8	97.0	97.0	97.2	97.2
≥ 500	76.9	91.5	92.5	94.6	95.8	96.2	96.6	96.8	96.9	97.1	97.3	97.3	97.5	97.5	97.8	97.8
≥ 400	76.9	91.5	92.5	94.6	96.0	96.5	97.2	97.3	97.4	97.6	97.8	97.8	98.2	98.2	98.5	98.5
≥ 300	76.9	91.5	92.5	94.6	96.0	96.5	97.4	97.5	97.8	98.2	98.4	98.4	98.7	98.7	99.0	99.0
≥ 200	76.9	91.5	92.5	94.6	96.0	96.5	97.4	97.6	97.9	98.3	98.6	98.6	98.9	98.9	99.2	99.7
≥ 100	76.9	91.5	92.5	94.6	96.0	96.5	97.4	97.6	97.9	98.3	98.6	98.6	98.9	99.0	99.4	99.9
≥ 0	76.9	91.5	92.5	94.6	96.0	96.5	97.4	97.6	97.9	98.3	98.6	98.6	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.8	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	63.8	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	63.8	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	64.0	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000	64.1	68.0	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
≥ 12000	65.7	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000	71.2	76.2	76.5	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
≥ 9000	72.2	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	74.2	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	75.2	80.4	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
≥ 6000	76.6	82.3	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	82.8
≥ 5000	78.9	85.0	85.7	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	79.9	86.3	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	81.3	88.3	89.3	89.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	82.3	89.4	90.4	91.0	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	83.2	90.6	91.7	92.3	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	83.9	91.7	92.8	93.4	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	85.1	93.5	94.7	95.5	96.1	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	85.5	93.9	95.1	95.9	96.5	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	85.7	94.3	95.7	96.4	97.1	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	85.7	94.4	95.9	96.8	97.5	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	85.8	94.7	96.2	97.1	97.8	98.3	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	85.8	94.7	96.2	97.1	97.8	98.3	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	85.8	94.7	96.2	97.1	97.8	98.4	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	85.8	94.8	96.3	97.2	98.1	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	85.8	94.8	96.3	97.2	98.1	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	85.8	94.9	96.4	97.4	98.5	99.0	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	85.8	94.9	96.4	97.5	98.6	99.1	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 925

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5 16	≥¼	≥0
NO CEILING	61.3	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	68.3	72.1	72.3	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
≥ 18000	68.3	72.1	72.3	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
≥ 16000	68.5	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	68.5	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	70.3	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	74.5	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	75.2	80.3	80.5	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
≥ 8000	76.7	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	77.6	82.8	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	78.7	84.1	84.6	84.7	84.8	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	79.9	85.9	86.7	86.8	86.9	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	80.8	87.3	88.2	88.3	88.5	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	83.0	89.8	90.7	90.8	91.0	91.2	91.3	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	83.7	90.7	91.6	91.8	92.1	92.3	92.4	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	85.0	92.1	93.0	93.2	93.5	93.7	93.8	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	85.7	93.6	94.5	94.8	95.1	95.3	95.5	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	86.4	94.9	95.9	96.4	96.9	97.1	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	86.4	94.9	95.9	96.4	96.9	97.1	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	86.4	95.0	96.0	96.5	97.0	97.3	97.6	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	86.6	95.5	96.4	97.0	97.4	97.7	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	86.7	95.7	96.6	97.2	97.7	98.1	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	86.8	95.9	96.9	97.4	97.9	98.3	98.7	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	86.8	95.9	97.0	97.5	98.1	98.4	98.8	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	86.8	96.1	97.2	97.7	98.3	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	87.0	96.3	97.4	97.9	98.5	98.8	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.1	96.4	97.6	98.2	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-75 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.6	68.1	68.4	68.3	68.4	68.4	68.4	68.5	68.6	68.6	68.6	68.7	68.6	68.6	68.6	68.6
≥ 20000	68.0	73.3	73.4	73.5	73.6	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 18000	68.0	73.2	73.4	73.5	73.6	73.6	73.6	73.7	73.8	73.8	73.8	73.9	73.8	73.8	73.8	73.8
≥ 16000	68.2	73.5	73.6	73.9	74.0	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	68.6	74.0	74.3	74.4	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	71.0	76.8	77.0	77.1	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	73.8	80.7	80.9	81.2	81.3	81.3	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	75.1	82.0	82.2	82.5	82.6	82.6	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	77.5	84.6	84.8	85.1	85.3	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	78.1	85.3	85.6	85.9	86.1	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	79.4	86.9	87.2	87.5	87.7	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	80.1	87.9	88.4	88.7	88.9	88.9	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	80.2	88.2	88.8	89.1	89.4	89.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	92.0	90.6	91.2	91.5	91.7	91.7	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	83.0	91.7	92.4	92.7	92.9	92.9	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	83.2	92.4	93.2	93.5	93.6	93.8	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	83.6	93.5	94.2	94.7	95.0	95.0	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	83.7	93.6	94.9	95.5	95.9	96.0	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	83.7	93.8	94.9	95.7	96.0	96.1	96.5	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	83.9	94.0	95.1	95.9	96.4	96.5	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	84.0	94.4	95.5	96.3	97.0	97.1	97.8	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	84.0	94.5	95.8	96.6	97.4	97.6	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	84.3	94.9	96.2	97.1	97.8	98.0	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	84.4	95.1	96.4	97.3	98.1	98.3	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	84.6	95.4	96.7	97.6	98.4	98.6	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	84.6	95.4	96.7	97.6	98.4	98.6	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	84.6	95.4	96.7	97.7	98.5	98.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	84.6	95.4	96.7	97.7	98.6	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	84.6	95.4	96.7	97.7	98.6	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	84.6	95.4	96.7	97.7	98.6	98.8	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	84.6	95.4	96.7	97.7	98.6	98.8	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	84.6	95.4	96.7	97.7	98.6	98.8	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.2	70.1	70.1	70.7	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000	68.6	74.0	74.2	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	68.6	74.0	74.2	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	68.9	74.4	74.5	75.0	75.5	75.5	75.6	75.6	75.6	75.6	75.6	.6	75.6	75.6	75.6	75.6
≥ 14000	69.2	74.7	74.8	75.4	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	71.3	77.4	77.5	78.1	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 10000	73.6	81.2	81.4	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	74.5	82.1	82.2	82.9	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	77.1	85.7	85.8	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	77.4	86.0	86.2	86.8	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	78.5	87.1	87.2	87.9	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	80.5	89.2	89.3	90.0	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	80.5	89.2	89.3	90.0	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000	82.6	91.5	91.6	92.3	92.8	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	83.5	92.6	92.7	93.3	93.9	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	84.0	93.2	93.3	94.0	94.7	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	84.1	93.9	94.0	94.7	95.3	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	84.3	94.7	94.8	95.5	96.2	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	84.4	94.8	94.9	95.6	96.3	96.3	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	84.4	95.0	95.1	95.9	96.5	96.5	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	84.4	95.3	95.4	96.2	96.8	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	84.4	95.4	95.5	96.3	97.1	97.1	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	84.6	95.7	95.9	96.6	97.4	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	84.6	96.0	96.1	96.8	97.6	97.6	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	84.8	96.2	96.3	97.1	97.8	97.8	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	84.8	96.2	96.3	97.1	97.9	97.9	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	85.0	96.3	96.4	97.2	98.0	98.0	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	85.0	96.3	96.4	97.2	98.3	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	85.0	96.4	96.5	97.3	98.6	98.6	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	85.0	96.4	96.5	97.3	98.6	98.6	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	85.0	96.4	96.5	97.3	98.6	98.6	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
= 0	85.0	96.4	96.5	97.3	98.6	98.6	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 917

SKY COVER SUMMARY

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

PART D SKY COVER

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

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

2. By month - by standard 3-hour groups.

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

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

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

S74-29965

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12507 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
61-70 — PERIOD
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	22.9	6.0	6.6	7.1	4.5	3.7	3.0	5.7	6.4	5.5	29.1	5.3	2970
FEB		27.1	5.4	5.9	4.7	4.8	3.0	3.6	5.5	6.7	5.4	27.8	5.1	2709
MAR		23.6	6.0	5.6	4.8	5.7	3.3	4.0	5.9	7.3	5.7	28.2	5.3	2973
APR		29.3	7.7	8.4	7.1	5.9	4.0	4.4	6.4	7.0	3.2	16.6	4.1	2375
MAY		20.1	8.5	8.6	8.5	5.4	4.8	4.2	6.8	6.9	4.5	21.5	4.8	2957
JUN		9.7	6.3	8.8	9.2	7.2	6.5	6.0	7.7	8.5	6.0	24.4	5.7	2873
JUL		9.4	8.4	8.1	7.3	5.6	4.2	5.3	8.1	10.6	5.9	27.0	5.9	2972
AUG		11.6	9.1	10.3	9.2	7.6	4.7	6.5	7.4	8.9	4.7	19.9	5.2	2974
SEP		8.2	6.9	10.2	9.4	8.5	5.1	5.6	7.3	8.3	6.3	24.5	5.7	2874
OCT		15.4	7.1	8.4	7.8	5.7	3.7	4.5	6.1	7.5	3.9	29.7	5.5	2906
NOV		34.9	5.8	7.5	7.0	5.2	3.3	3.0	6.2	5.6	2.4	17.5	4.0	2869
DEC		40.2	7.1	6.7	5.5	3.8	3.0	3.4	4.6	3.7	3.3	18.8	3.7	2973
TOTALS		21.0	7.0	7.9	7.3	5.8	4.1	4.5	6.5	7.3	4.8	23.8	5.0	34995

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12e07	pATRICK AfB FL/COCOA BEACH	67-70	JAN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	33.0	5.4	6.8	7.6	4.6	1.6	2.7	4.3	4.6	3.0	25.7	4.4	369
	03-05	32.9	6.5	6.2	5.7	3.2	2.2	3.5	3.2	4.7	2.4	29.4	4.6	371
	06-08	19.9	6.2	7.3	9.1	3.5	2.1	2.2	6.7	5.4	7.5	33.4	5.7	371
	09-11	17.7	4.0	5.1	6.7	5.4	1.6	3.5	4.8	8.9	7.0	35.2	6.0	372
	12-14	12.9	5.7	4.6	6.2	6.5	5.1	2.8	6.5	8.9	6.5	33.2	6.2	371
	15-17	13.4	5.6	7.5	10.5	3.5	4.3	1.6	8.9	9.1	7.0	28.8	5.8	372
	18-20	21.2	6.7	8.3	7.3	4.6	4.1	2.7	7.3	5.6	5.4	26.6	5.1	372
	21-23	31.7	7.8	7.0	7.3	4.6	3.2	4.0	4.0	4.0	5.4	20.4	4.2	372
TOTALS		22.9	6.0	6.6	7.1	4.5	3.2	3.0	5.7	6.4	5.5	29.1	5.3	2970

USAETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12H67	PATRICK AFB FL/COCOA BEACH	67-70	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	41.3	5.9	3.7	2.9	4.7	1.8	3.5	7.1	5.0	2.7	21.8	4.0	339
	03-05	33.0	5.3	5.0	4.7	5.0	2.4	4.7	3.8	6.8	2.9	25.7	4.6	339
	06-08	25.1	3.8	5.0	3.5	5.0	3.2	3.8	4.7	9.1	6.2	29.2	5.4	339
	09-11	22.4	4.1	4.4	4.1	4.7	3.5	3.5	5.0	5.6	7.4	35.1	5.8	339
	12-14	18.9	6.2	5.7	5.0	4.1	4.1	4.4	6.5	6.6	7.7	28.6	5.7	339
	15-17	18.3	5.3	7.7	6.2	3.8	3.2	3.5	5.0	6.8	9.4	28.9	5.7	339
	18-20	20.8	5.6	6.1	6.5	5.9	3.3	3.3	6.2	4.5	5.6	29.4	5.3	337
	21-23	37.5	6.8	6.2	4.7	4.7	2.7	2.4	5.6	5.3	1.2	23.4	4.0	338
TOTALS		27.1	5.4	5.3	4.7	4.6	3.1	3.6	5.5	6.7	5.4	27.8	5.1	2709

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12807 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
67-70 — PERIOD
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	34.3	5.4	4.6	3.5	3.8	3.2	3.2	7.3	6.8	5.9	21.4	4.5	370
	03-05	30.0	6.2	5.9	5.4	6.7	3.0	3.0	4.8	6.2	3.8	24.5	4.6	372
	06-08	23.7	4.0	5.9	4.3	5.4	1.9	4.6	6.2	7.8	6.5	29.6	5.5	371
	09-11	18.0	7.8	6.7	3.0	6.5	3.7	4.6	4.6	7.5	8.3	29.8	5.7	372
	12-14	17.7	8.1	3.5	5.6	6.7	2.7	5.2	5.1	9.1	4.8	33.3	5.8	372
	15-17	15.1	4.8	5.9	5.9	7.5	5.4	4.8	6.5	9.1	5.4	29.0	5.8	372
	18-20	17.7	6.7	6.7	6.7	4.3	4.0	4.0	7.8	7.0	5.4	29.0	5.6	372
	21-23	31.5	4.6	5.4	4.0	4.8	2.7	4.3	4.6	4.0	5.0	25.0	4.8	372
TOTALS		23.0	6.0	5.6	4.6	5.7	3.3	4.0	5.9	7.3	5.7	28.2	5.3	2973

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12867 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
67-70 — PERIOD
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	41.7	7.2	7.8	5.0	5.8	4.2	5.3	3.9	4.4	1.9	12.8	3.2	360
	03-05	39.7	7.5	10.3	5.6	4.2	3.7	3.1	3.6	5.8	1.7	15.0	3.4	360
	06-08	21.9	4.7	8.3	7.2	5.8	2.8	5.0	6.7	10.8	5.6	21.1	5.0	360
	09-11	19.0	6.4	9.2	10.1	4.8	4.2	3.0	7.0	6.7	5.3	21.0	4.9	357
	12-14	21.1	8.3	9.7	6.7	8.3	5.6	4.7	8.9	6.1	3.6	16.7	4.5	360
	15-17	23.3	7.8	8.3	8.1	7.0	2.5	2.8	8.3	9.4	4.7	16.9	4.5	360
	18-20	27.9	7.5	7.0	6.7	5.0	6.4	5.3	7.5	8.1	2.5	15.6	4.2	359
	21-23	39.6	10.3	6.4	7.8	4.7	2.5	5.3	5.3	4.7	.3	13.1	3.2	359
TOTALS		29.3	7.7	8.4	7.1	5.9	4.0	4.4	6.4	7.0	3.2	16.6	4.1	2875

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12867 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
61-70 — PERIOD
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	36.8	7.3	6.0	7.3	3.2	1.0	4.1	4.9	7.0	3.2	17.8	3.9	370
	03-05	27.8	8.6	8.1	8.6	6.5	5.4	4.3	6.2	4.9	3.5	14.6	4.0	370
	06-08	14.9	7.6	8.1	10.4	6.2	5.1	1.9	8.1	7.0	6.2	23.2	5.3	370
	09-11	14.2	8.9	8.9	10.8	5.9	7.5	3.2	8.3	8.5	5.9	17.5	5.0	372
	12-14	13.0	10.8	10.8	8.9	7.3	4.9	4.3	8.1	8.1	4.3	20.8	5.0	370
	15-17	14.0	7.3	9.4	7.5	5.4	4.1	4.6	8.1	7.5	4.3	27.7	5.5	372
	18-20	15.5	6.7	8.4	7.3	5.9	5.1	5.7	4.6	7.5	4.0	29.6	5.5	371
	21-23	24.2	10.5	10.2	7.0	3.0	3.2	5.1	6.2	5.4	4.6	20.7	4.4	372
TOTALS		20.1	8.5	8.6	8.5	5.4	4.0	4.2	6.8	6.9	4.5	21.5	4.8	2967

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12867 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
67-70 — PERIOD
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	18.8	10.1	9.0	10.1	5.3	5.3	5.9	6.7	8.4	2.0	18.3	4.6	356
	03-05	18.7	8.4	12.3	11.7	6.7	5.0	5.6	6.7	7.5	3.6	15.9	4.3	359
	06-08	11.4	4.2	8.9	11.1	5.0	9.7	4.7	9.2	6.7	5.8	23.9	5.6	360
	09-11	5.0	3.6	8.9	9.4	11.1	9.7	7.5	8.1	7.5	5.8	24.8	5.8	360
	12-14	4.2	5.6	12.0	9.5	6.7	8.4	5.0	5.6	10.5	7.5	24.2	5.9	359
	15-17	5.0	6.4	5.3	7.2	6.1	4.4	7.2	9.4	9.7	9.2	30.0	6.6	360
	18-20	3.1	3.3	5.6	5.3	4.9	6.1	5.3	7.8	10.3	8.1	36.1	7.0	360
	21-23	10.0	8.9	7.0	9.2	7.5	5.6	6.4	7.8	7.2	5.6	26.2	5.6	359
TOTALS		9.7	6.3	8.8	9.2	7.2	6.3	6.0	7.7	8.3	6.0	24.4	5.7	2873

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12867 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
67-70 — PERIOD
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	17.8	13.2	10.2	5.4	5.9	5.1	5.9	8.1	8.9	2.2	16.8	4.5	370
	03-05	23.4	15.9	9.4	6.2	7.0	5.9	5.4	6.5	5.1	2.4	10.8	3.6	372
	06-08	8.9	8.9	10.2	10.2	4.0	3.0	0.7	9.4	11.6	3.1	21.5	5.5	372
	09-11	4.3	4.8	8.3	7.2	7.8	7.5	5.6	11.0	13.7	5.1	24.2	6.2	372
	12-14	2.7	5.4	7.0	8.6	7.8	4.3	4.3	9.2	12.7	11.1	27.2	6.6	371
	15-17	2.4	6.7	4.8	5.6	3.5	2.4	5.4	7.0	14.2	11.3	30.6	7.2	372
	18-20	4.0	4.9	3.8	4.9	2.7	2.2	4.9	9.2	10.6	6.7	46.1	7.5	371
	21-23	11.8	7.5	10.8	7.3	5.9	3.8	4.3	4.0	8.9	3.0	32.8	5.7	372
TOTALS		9.4	8.4	8.1	7.3	5.6	4.2	5.3	8.1	10.6	5.9	27.0	5.9	2972

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12867 (STATION) | PATRICK AFB FL/COCOA BEACH (STATION NAME) | 67-70 (PERIOD) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	27.4	9.1	11.3	6.7	7.0	1.9	5.4	5.9	8.3	3.2	13.7	4.0	372
	03-05	27.2	9.7	12.4	12.4	8.9	3.0	7.8	3.2	4.0	3.2	7.5	3.3	371
	06-08	7.5	6.7	10.5	11.3	11.0	4.6	10.2	8.6	10.2	4.8	14.5	5.2	372
	09-11	.8	8.6	13.2	8.9	10.2	7.3	6.7	9.2	12.5	5.7	16.4	5.6	371
	12-14	1.9	10.5	11.3	9.1	8.6	7.3	4.8	9.4	10.5	4.8	21.8	5.7	372
	15-17	3.0	7.8	9.4	8.9	6.2	5.1	6.2	8.1	7.3	7.8	30.4	6.3	372
	18-20	5.1	9.9	7.3	7.5	4.0	4.0	5.9	6.5	8.6	4.6	36.6	6.4	372
	21-23	19.9	10.8	7.3	8.6	5.1	4.3	4.8	8.1	9.1	3.8	18.3	4.7	372
TOTALS		11.6	9.1	10.3	9.2	7.6	4.7	6.5	7.4	8.9	4.7	19.9	5.2	2974

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12867	PATRICK AFB FL/COCOA BEACH	67-70	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN NTHS OF Y COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	15.6	10.6	10.0	12.3	8.0	3.6	6.1	6.1	5.8	3.3	17.8	4.5	359
	03-05	18.9	9.7	12.8	7.5	10.0	5.0	4.2	5.3	8.9	3.1	13.9	4.3	359
	06-08	6.1	7.0	10.9	10.6	7.2	7.8	5.8	8.1	9.2	6.4	20.9	5.6	359
	09-11	3.9	4.2	8.1	9.7	11.1	4.2	6.1	11.4	8.6	8.1	24.7	6.2	360
	12-14	2.5	5.3	8.4	9.7	8.1	7.0	5.8	7.5	9.2	7.2	29.2	6.4	359
	15-17	3.3	3.6	7.2	10.0	5.6	5.6	5.3	8.6	6.4	10.9	33.4	6.7	359
	18-20	2.2	3.9	11.1	8.1	10.0	3.6	5.3	6.1	8.6	8.1	33.1	6.6	359
	21-23	13.3	10.8	12.8	7.2	6.7	4.4	6.4	5.0	6.9	3.3	23.1	5.0	360
TOTALS		8.2	6.9	10.2	9.4	8.5	5.1	5.6	7.3	8.0	6.3	24.5	5.7	2374

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12867 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
67-70 — PERIOD
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	26.3	11.0	8.2	5.9	5.4	2.2	2.7	5.6	5.6	3.5	22.6	4.4	372
	03-05	23.1	9.5	9.0	10.8	5.2	4.1	2.7	4.3	4.9	2.2	24.5	4.5	368
	06-08	12.1	5.9	9.4	7.0	6.7	3.6	5.4	6.5	8.1	3.6	31.3	5.8	371
	09-11	10.2	7.5	8.1	9.7	6.2	4.0	4.9	6.2	6.2	5.1	31.8	5.8	371
	12-14	4.6	6.5	10.5	9.7	8.1	5.4	4.6	6.7	9.1	4.0	32.3	6.1	372
	15-17	10.2	3.5	6.7	7.6	5.9	4.6	5.9	7.5	8.1	5.4	34.4	6.3	372
	18-20	12.4	5.7	7.3	5.7	4.3	4.0	5.7	4.9	10.5	4.3	35.3	6.2	371
	21-23	24.1	6.8	7.6	6.2	4.1	4.3	4.1	7.3	7.3	3.0	25.2	4.9	369
TOTALS		15.4	7.1	8.4	7.6	5.7	3.9	4.5	6.1	7.5	3.9	29.7	5.5	2966

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12807	PATRICK AFB FL/COCOA BEACH	67-70	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	44.4	0.4	10.0	5.0	3.3	2.8	2.8	4.4	5.0	1.4	14.4	3.1	300
	03-05	47.8	3.6	7.2	6.7	3.6	1.7	3.6	5.3	4.4	1.4	14.7	3.1	300
	06-08	32.3	7.0	6.7	6.1	4.2	5.0	1.7	6.7	6.4	3.1	20.9	4.3	359
	09-11	30.4	4.2	7.5	8.9	5.3	3.1	2.2	6.1	6.4	7.0	18.9	4.4	359
	12-14	22.7	6.2	9.2	9.2	7.0	5.6	3.9	10.4	7.0	3.1	15.7	4.5	357
	15-17	21.7	5.3	7.0	8.4	9.2	3.6	5.6	9.5	6.7	4.5	18.7	4.8	359
	18-20	32.8	7.8	6.4	6.7	4.8	1.7	5.0	3.9	5.3	4.5	21.0	4.2	357
	21-23	47.2	5.6	5.9	5.3	4.2	3.1	3.6	3.6	3.6	2.5	15.4	3.2	358
TOTALS		34.9	5.8	7.5	7.0	5.2	3.3	3.6	6.2	5.0	3.4	17.5	4.0	2869

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12867 PATRICK AFB FL/COCOA BEACH 67-70 DEC

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	53.6	5.9	5.9	3.5	3.8	1.9	2.2	2.7	3.2	2.7	14.2	2.8	372
	03-05	50.4	4.9	5.9	5.1	1.9	2.7	3.2	3.5	3.5	1.9	16.7	3.1	371
	06-08	39.2	5.7	6.2	4.1	4.6	3.2	3.0	4.6	4.3	4.6	20.5	4.0	370
	09-11	38.7	5.1	5.6	6.7	3.5	2.4	1.6	4.6	4.3	5.4	22.3	4.1	372
	12-14	23.1	12.1	8.9	7.8	6.2	4.3	4.3	4.6	5.6	3.2	19.9	4.3	372
	15-17	25.3	9.7	10.8	7.5	3.8	3.5	5.1	7.0	4.3	4.0	19.1	4.3	372
	18-20	38.7	8.1	6.2	6.2	4.8	3.2	3.2	5.4	2.4	3.2	18.5	3.7	372
	21-23	52.7	5.4	4.3	3.0	1.9	2.4	4.6	4.0	1.1	1.1	18.8	3.1	372
TOTALS		40.2	7.1	6.7	5.5	3.8	3.0	3.4	4.6	3.7	3.3	18.8	3.7	2973

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

E

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

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

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

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

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

74-29966

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12867 PATRICK AFB FL/COCOA BEACH 50-76
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
95				.2		.9	.6	.7	.1				.2
90			.6	2.5	3.1	11.1	10.8	13.4	5.3	.7			4.0
85	.5	1.0	6.0	9.6	20.9	55.1	81.4	86.3	74.0	20.0	1.6	.4	30.0
80	7.7	13.0	17.8	35.3	82.3	96.5	99.8	99.4	98.4	71.0	18.9	6.8	54.0
75	26.3	27.7	48.0	78.5	98.4	100.0	100.0	100.0	100.0	94.9	63.2	30.2	72.7
70	56.1	57.2	76.8	95.7	100.0					99.0	87.0	62.0	86.3
65	77.4	80.6	90.1	99.6						100.0	94.4	81.0	93.7
60	90.6	92.5	97.7	100.0							97.4	93.0	97.7
55	97.0	97.0	99.6								99.9	97.6	99.3
50	98.8	99.5	100.0								100.0	99.8	99.8
45	99.6	100.0										100.0	100.0
40	100.0												100.0
MEAN	69.8	70.2	73.6	78.0	82.1	85.1	86.5	86.8	85.7	81.2	75.1	70.3	78.7
S. D.	7.424	7.189	6.753	4.947	3.452	3.395	2.568	2.548	2.581	3.879	5.665	6.866	8.165
TOTAL OBS.	813	762	837	810	837	809	837	837	810	837	810	837	9836

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 50-76 YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80						2.1	5.3	11.1	20.2	2.5	.1		3.5
75				.6	19.1	53.5	77.3	85.4	80.4	36.4	3.7	.4	29.9
70	2.1	2.5	5.7	33.1	77.1	98.4	99.5	99.8	99.6	75.5	23.6	6.3	52.3
65	18.9	19.4	34.6	70.9	96.2	100.0	100.0	100.0	100.0	90.6	[illegible].4	26.2	67.9
60	42.4	42.0	65.5	89.8	99.8					97.1	73.5	45.8	80.0
55	62.3	63.9	82.4	97.4	100.0					99.3	86.8	60.8	87.9
50	77.2	81.6	93.0	99.9						100.0	94.3	80.0	93.9
45	89.7	92.8	98.3	100.0							97.5	92.7	97.6
40	96.2	97.4	99.5								99.4	97.4	99.2
35	98.5	99.2	100.0								99.9	99.3	99.7
33	99.4	99.6									100.0	99.6	99.9
30	99.9	100.0										99.8	100.0
25	100.0											100.0	100.0
MEAN	56.2	56.9	61.0	66.6	71.5	74.7	76.0	75.7	76.9	72.1	63.7	57.4	67.5
S. D.	8.599	7.933	6.773	5.093	3.417	2.473	2.223	2.203	2.755	5.169	7.766	8.850	9.742
TOTAL OBS.	813	782	837	810	837	809	837	837	810	837	810	837	9636

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12867 PATRICK AFB FL/COCOA BEACH 50-76

STATION STATION NAME YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 85					.4	3.3	3.3	8.6	7.9	.2			2.2
≥ 80			.7	4.1	18.2	59.7	88.2	91.6	83.5	26.2	1.7	.1	31.3
≥ 75	3.0	2.9	11.7	35.8	84.8	99.5	99.5	99.8	99.5	76.8	21.5	5.0	53.7
≥ 70	23.1	23.0	43.4	78.1	98.8	100.0	100.0	100.0	100.0	93.7	61.2	25.3	71.2
≥ 65	50.9	50.3	73.4	94.4	100.0					98.4	81.1	52.8	83.7
≥ 60	70.1	75.6	87.6	99.3						99.9	92.3	72.3	91.5
≥ 55	86.8	89.6	96.5	99.9						100.0	96.4	88.9	96.6
≥ 50	94.6	95.8	99.4	100.0							99.0	96.4	98.8
≥ 45	98.3	98.7	100.0								100.0	98.8	99.7
≥ 40	99.4	100.0										99.8	99.9
≥ 35	100.0											100.0	100.0
MEAN	63.2	63.3	67.6	72.3	77.1	80.2	81.5	82.0	81.5	76.9	69.6	64.2	73.3
S. D.	7.837	7.110	6.309	4.446	2.789	2.373	1.924	1.922	2.207	4.202	6.413	7.528	5.706
TOTAL OBS.	813	762	937	810	937	909	837	837	810	837	810	837	9836

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

4

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSE - ATIONS)

12867 PATRICK AFB FL/COCOA BEACH 50-76
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	» 79	81	89	86	89	98	95	92	94	88	83	79	98
51	78	80	84	87	93	94	90	93	90	91	87	84	94
52	80	84	88	87	89	96	92	93	91	86	83	75	96
53	80	82	87	88	91	95	93	93	88	84	84	80	95
54	83	82	90	89	89	92	92	95	94	87	81	78	95
55	82	84	89	90	88	95	89	97	92	88	84	79	97
56	83	86	89	93	94	93	95	97	90	88	82	84	97
57	82	85	86	89	88	95	96	94	90	86	87	81	96
58	76	83	85	89	86	97	89	93	93	89	84	78	97
59	80	84	86	88	88	91	91	90	93	90	83	82	93
60	83	83	84	86	85	88	90	91	91	87	81	80	91
61	81	85	89	90	90	90	92	90	91	86	83	86	92
62	82	83	86	81	94	89	94	92	90	89	84	79	94
63	84	78	83	88	88	91	92	94	90	86	78	80	94
64	82	79	86	91	88	* 91	93	92	89	90	83	81	93
65	85	85	90	90	88	91	91	92	88	91	82	81	92
66	80	78	79	80	88	91	93	93	90	87	80	76	93
67	85	82	86	90	92	92	93	89	89	86	86	85	93
68	83	74	88	96	93	92	91	91	95	89	85	79	96
69	76	80	82	87	85	90	95	92	90	85	80	81	95
70	79	76	88	89	88	94	90	90	88	86	85	83	94
71	83	86	89	95	94	94	91	90	88	85	84	84	95
72	86	80	87	92	93	92	88	90	91	85	84	84	93
73	83	82	82	86	93	91	91	88	92	86	85	82	93
74	83	86	90	86	89	92	92	89	93	89	85	79	93
75	84*	84	90	90	91	92	92	91	91	90	84	82	92
76	82	88	88	88	89	86	94	94	91	89	85	78	94
MEAN	81.7	82.3	86.7	88.6	89.7	92.3	92.0	92.0	90.8	87.5	83.4	80.7	94.3
S.D.	2.572	3.338	2.869	3.457	2.712	2.701	2.019	2.261	1.942	1.988	2.117	2.726	1.810
TOTAL OBS.	813	762	837	810	837	809	837	837	810	837	810	837	9836

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

USAF ETAC FORM 0-80-5 (OLA)

4

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

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 50-76 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	* 61	49	50	48	64	68	67	71	70	70	33	32	32
51	39	36	46	51	64	70	72	75	72	63	42	46	36
52	43	47	49	52	63	72	74	73	70	55	47	38	38
53	41	47	53	58	67	72	73	73	73	54	50	42	41
54	41	46	42	62	68	68	72	75	72	50	46	37	37
55	38	36	44	57	63	67	72	68	72	57	44	41	36
56	34	46	47	53	70	69	71	72	66	63	39	44	34
57	40	54	46	60	67	71	71	70	73	52	54	29	29
58	32	32	48	57	61	71	71	73	73	60	58	43	32
59	33	56	45	52	63	70	71	72	70	61	40	43	33
60	35	40	39	55	57	69	72	73	73	65	56	36	35
61	37	46	46	56	59	69	70	72	73	52	55	38	37
62	39	49	35	53	65	70	71	73	71	63	46	27	27
63	44	40	50	56	62	70	70	73	71	59	44	36	36
64	29	43	51	53	66*	74	71	72	70	56	50	44	29
65	33	40	45	58	63	70	72	73	72	61	53	48	33
66	30	35	44	55	69	71	73	71	73	58	44	38	30
67	43	34	56	61	63	70	74	69	70	63	57	47	34
68	41	40	36	63	66	71	73	72	73	57	42	33	33
69	46	43	43	62	65	72	73	73	69	69	40	46	40
70	31	33	45	61	65	69	71	73	74	67	36	40	31
71	33	39	43	50	60	70	73	73	71	66	54	56	33
72	47	41	38	59	65	71	72	71	74	57	52	40	40
73	38	37	53	54	60	70	74	70	73	53	55	36	36
74	61	38	55	58	67	72	73	73	76	66	56	43	38
75	43*	52	49	52	70	73	74	75	74	69	47	38	38
76	37	46	50	62	69	71	73	74	70	58	50	43	37
MEAN	39.6	42.4	47.0	56.2	64.5	70.4	72.0	72.3	71.8	60.5	47.8	40.1	34.6
S.D.	7.870	6.411	5.578	4.163	3.378	1.573	1.556	1.706	2.025	5.780	6.902	6.169	3.607
TOTAL OBS.	813	762	837	810	837	809	837	837	810	837	810	837	9836

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

USAF ETAC FORM JUL 64 0-88-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12847 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97											.0							1	1		
96/ 95									.0	.0				.0				9	9		
94/ 93							.0	.0	.0	.0	.0							37	37		
92/ 91						.0	.0	.1	.0	.0		.0	.0	.0				143	143		
90/ 89					.0	.1	.2	.1	.0	.0	.0	.0	.0					397	397		
88/ 87			.0	.0	.5	.7	.3	.1	.1	.0	.0	.0						1385	1385		
86/ 85		.0	.1	.9	1.9	.8	.2	.1	.1	.0	.0							3335	3335		
84/ 83		.0	.9	2.5	2.0	.6	.3	.1	.0	.0	.0	.0						5343	5345	14	2
82/ 81		.3	2.6	3.7	2.0	.9	.4	.2	.1	.0	.0	.0		.0				8004	8006	315	39
80/ 79	.0	.8	3.9	3.2	1.7	1.0	.4	.1	.0	.0	.0	.0						8912	8917	3157	662
78/ 77	.1	1.5	3.2	2.2	1.6	.7	.4	.1	.0	.0		.0						7802	7811	7846	3002
76/ 75	.2	2.3	2.4	2.1	1.3	.7	.4	.1	.0	.0	.0							7690	7698	9555	7963
74/ 73	.2	1.6	1.6	1.9	.9	.7	.3	.1	.0	.0	.0							5925	5974	10254	9102
72/ 71	.3	1.3	1.9	1.4	.9	.7	.3	.1	.0	.0	.0							5524	5555	7735	8585
70/ 69	.4	1.1	1.9	1.1	.8	.6	.2	.1	.0	.0	.0							5043	5088	6508	7476
68/ 67	.3	1.0	1.3	.7	.6	.4	.2	.1	.0	.0	.0							3752	3779	6219	5978
66/ 65	.4	1.1	.8	.6	.5	.3	.1	.0	.0	.0								3150	3167	5310	5970
64/ 63	.4	1.0	.6	.7	.5	.3	.1	.1	.0	.0	.0							2888	2892	4416	5622
62/ 61	.2	.7	.5	.4	.3	.2	.1	.1	.0	.0								2001	2001	3558	4028
60/ 59	.1	.5	.5	.3	.3	.2	.1	.1	.0	.0								1665	1667	2750	3282
58/ 57	.0	.5	.4	.4	.2	.1	.1	.0	.0	.0								1497	1495	2293	2818
56/ 55	.1	.3	.4	.3	.2	.2	.1	.0	.0									1381	1390	2020	2019
54/ 53	.0	.3	.4	.4	.2	.1	.1	.0	.0									1065	1065	1603	2142
52/ 51	.0	.2	.3	.3	.2	.1	.0	.0										797	797	1206	1825
50 49	.0	.1	.3	.2	.1	.1	.0											619	619	1162	1447
48/ 47		.1	.2	.2	.1	.0	.0											443	443	993	1207
46/ 45	.0	.1	.1	.1	.1	.0	.0											328	328	861	1143
44/ 43		.0	.1	.1	.0	.0	.0											177	177	637	829
42/ 41		.0	.0	.0	.0	.0	.0											115	115	413	782
40/ 39	.0	.0	.0	.0	.0	.0	.0											82	82	292	631
38/ 37		.0	.0	.0	.0	.0												59	59	135	590
36/ 35		.0	.0	.0	.0	.0												25	25	113	484
34/ 33			.0	.0	.0													25	25	75	350
32/ 31				.0														7	7	35	264

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

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

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-70 YEARS — ALL MONTH

 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																			30	209
28/ 27																			21	214
26/ 25																			10	111
24/ 23																				64
22/ 21																				49
20/ 19																				38
18/ 17																				32
16/ 15																				26
14/ 13																				12
12/ 11																				7
10/ 9																				7
8/ 7																				5
6/ 5																				8
4/ 3																				2
TOTAL	2.9	15.1	24.3	23.9	17.1	9.7	4.3	1.7	.7	.3	.1	.0	.0	.0				79834		79626
																	79626		79626	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	467139667	6003937	75.4	13.443	79626							
Dry Bulb	436909881	5859489	73.4	9.261	79834		.8	6982.4	5409.6	2502.9	5.3	8760
Wet Bulb	473837497	5408365	67.9	9.028	79626		10.5	5697.8	3446.7	149.5		8760
Dew Point	342941185	5156553	64.8	10.034	79626		114.4	4731.2	2300.4	13.8		8760

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

☆ U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89									.0									1	1		
86/ 85							.0	.0	.0									3	3		
84/ 83						.0	.1	.1	.0									14	14		
82/ 81		.0		.0	.2	.4	.4	.1										79	79		
80/ 79			.1	.4	.2	.4	.2	.1	.0	.0								88	88	1	1
78/ 77			.1	.6	.7	.2	.1	.0	.0	.1								127	127		
76/ 75		.6	.8	1.9	.8	.3	.0	.0	.1									308	308	8	1
74/ 73	.1	1.2	2.0	2.4	.6	.3	.1	.1	.0									458	458	123	29
72/ 71	.6	1.9	4.2	1.8	.9	.6	.2	.1	.0									700	700	351	136
70/ 69	1.5	2.9	3.4	2.3	1.3	.8	.2	.0	.1	.0								862	862	726	409
68/ 67	1.0	3.3	2.2	1.6	1.4	.7	.2	.0		.0								711	711	820	658
66/ 65	1.4	2.7	1.9	1.5	1.1	.7	.1	.0										641	641	708	816
64/ 63	.9	2.3	1.4	1.1	.7	.3	.0	.1	.1	.1	.0							454	454	584	664
62/ 61	.5	2.3	1.1	1.2	.6	.3	.0	.1	.1	.0								431	431	581	495
60/ 59	.6	1.7	1.5	1.1	.5	.3	.1	.0	.0	.0								407	407	526	501
58/ 57	.1	1.6	1.3	.8	.4	.2	.1	.0	.0									311	311	378	383
56/ 55	.1	1.2	1.2	.9	.4	.3	.1	.0	.0									288	288	430	406
54/ 53	.1	.7	.9	1.0	.4	.2	.1											227	227	311	373
52/ 51		.5	1.0	.7	.5	.1	.0											187	187	222	332
50/ 49	.1	.5	.6	.8	.4	.1												167	167	240	276
48/ 47		.4	.4	.6	.2	.1												114	114	221	222
46/ 45	.0	.2	.1	.4	.2	.0	.0											71	71	160	208
44/ 43		.0	.2	.3	.1	.1	.0											49	49	152	162
42/ 41		.1	.1	.3	.1	.0	.0											45	45	79	119
40/ 39			.1	.2	.1	.0	.0											27	27	69	96
38/ 37			.1	.1	.1	.1												19	19	42	112
36/ 35				.1	.1	.0												11	11	30	84
34/ 33			.0	.1	.1													15	15	28	87
32/ 31				.1														7	7	15	59
30/ 29																				17	55
28/ 27																				17	30
26/ 25																				10	29
24/ 23																					14
22/ 21																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					9
18/ 17																					14
16/ 15																					10
14/ 13																					7
12/ 11																					7
10/ 9																					7
8/ 7																					5
6/ 5																					3
4/ 3																					2
TOTAL	6.2	23.8	24.8	22.2	11.9	6.7	2.1	.6	.3	.3	.0							6852		6851	
																	6851		6851		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42485542	529246	77.3	15.287	6851		.8	363.9	117.1	13.9		744
Dry Bulb	29131982	442752	64.6	8.737	6852		6.4	220.3	14.3			744
Wet Bulb	25409694	412588	60.2	9.061	6851		29.2	135.3	3.4			744
Dew Point	23033511	389577	56.9	11.338	6851							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87										.0								1	1		
86/ 85							.0	.0	.0									7	7		
84/ 83					.0		.0	.0	.0	.0								6	6		
82/ 81				.2	.1	.1	.1	.1	.0									38	38		
80/ 79		.0	.1	.3	.1	.2	.2	.2	.0									73	74		
78/ 77		.0	.1	.3	.3	.2	.3	.1	.0	.0								78	79	1	
76/ 75		.4	.5	.7	.7	.4	.2	.1	.0									181	181	24	4
74/ 73	.0	.7	.7	2.0	.6	.5	.2	.1	.1									309	309	65	14
72/ 71	.2	1.2	2.0	1.7	.8	.6	.2	.1	.0	.0								421	421	175	82
70/ 69	.2	1.1	3.1	1.3	1.4	.7	.3	.1										520	520	245	175
68/ 67	.3	1.5	2.6	1.2	1.4	.9	.4	.2	.1									549	549	455	222
66/ 65	.4	2.0	1.7	1.7	1.5	1.1	.4	.1	.2									568	568	550	355
64/ 63	.6	3.1	1.6	1.9	1.4	.7	.3	.3	.1	.0								635	635	511	632
62/ 61	.4	1.8	1.6	1.2	1.3	.8	.3	.3	.1									493	493	504	455
60/ 59	.2	1.0	1.6	1.0	.7	.4	.3	.4	.0	.0								392	392	486	366
58/ 57	.2	1.9	1.0	1.5	.7	.5	.3	.1	.1	.0								433	433	523	372
56/ 55	.2	2.3	1.4	1.1	.6	.6	.2	.1	.1									410	410	490	468
54/ 53	.2	1.0	1.2	1.0	.9	.3	.2	.0	.0									307	307	452	446
52/ 51	.1	.6	.8	1.2	.6	.1	.1	.0										240	240	366	389
50/ 49		.4	.9	.8	.5	.1	.0											174	174	285	333
48/ 47		.5	.9	.6	.4	.1	.0											158	158	275	320
46/ 45		.4	1.0	.4	.2	.2	.0											142	142	303	277
44/ 43		.1	.5	.2	.1	.1												61	61	205	178
42/ 41		.1	.1	.1	.1	.0												29	29	149	219
40/ 39			.2	.1	.0													19	19	91	214
38/ 37			.2	.1	.0													18	18	36	183
36/ 35				.1	.0													7	7	43	160
34/ 33			.0	.0														4	4	20	104
32/ 31																				9	72
30/ 29																				7	64
28/ 27																				4	64
26/ 25																					23
24/ 23																					13
22/ 21																					24

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

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

AFETAC

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																					20
18/ 17																					11
16/ 15																					10
14/ 13																					5
TOTAL	3.	20.	8	24.5	20.7	14.6	8.0	4.1	2.2	1.0	.1							6274	6275	6274	6274

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34987742	457258	72.9	10.278	6274							
Dry Bulb	24945546	391934	62.5	8.814	6275			234.0	74.4	9.4		672
Wet Bulb	21073444	359432	57.3	6.765	6274		2.1	103.4	9.6			672
Dew Point	18412347	332577	53.0	11.171	6274		32.8	53.2	1.9			672

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

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89										.1	.0							10	10		
88/ 87							.1	.0	.2	.1								26	26		
86/ 85						.1	.0	.1	.1	.0	.0							27	27		
84/ 83					.1	.1	.2	.3	.1	.0								51	51		
82/ 81				.0	.3	.3	.4	.2	.3	.1	.0							116	116		
80/ 79			.2	.0	.3	.4	.1	.2	.1	.0	.0							132	132		
78/ 77		.0	.7	.9	1.2	.2	.2	.1	.0	.0								241	241	1	
76/ 75		.5	1.8	1.7	1.5	.5	.3	.1	.1	.1								465	465	37	3
74/ 73	.0	1.8	1.8	3.0	1.3	.9	.6	.3	.1	.0	.0							680	680	233	37
72/ 71	.3	2.7	2.9	2.7	1.6	.9	.0	.2	.0		.0							840	840	505	298
70/ 69	.4	2.6	4.2	2.2	1.4	1.3	.6	.2	.1	.1								916	916	631	525
68/ 67	.5	2.1	3.4	2.0	1.4	.9	.3	.1	.0	.0	.0							752	752	857	476
66/ 65	1.2	2.6	2.4	.9	1.0	.8	.1	.1	.1	.0								641	641	871	825
64/ 63	1.1	2.9	1.6	1.5	1.2	.8	.3	.3	.0	.1	.0							681	681	842	921
62/ 61	.7	1.4	.9	.0	.6	.6	.2	.1	.1	.0								361	361	692	640
60/ 59	.3	.8	.8	.4	.6	.4	.1	.1	.0									248	248	491	566
58/ 57	.0	.6	.0	.5	.4	.3	.1	.2	.0									189	189	418	441
56/ 55	.1	.4	.6	.5	.3	.3	.1	.0										175	175	301	382
54/ 53		.3	.5	.7	.3	.2	.2											150	150	195	305
52/ 51		.1	.4	.3	.3	.1	.0	.1										88	88	204	278
50/ 49		.1	.3	.3	.1	.1	.0											61	61	164	219
48/ 47		.1	.2	.2	.1	.0												43	43	149	183
46/ 45		.1	.1	.1	.0	.0												27	27	114	187
44/ 43			.1	.1	.0													17	17	92	125
42/ 41		.0		.0														2	2	32	134
40/ 39		.0	.0	.0	.0													8	8	38	81
38/ 37		.0		.0														3	3	12	83
36/ 35		.0																1	1	7	75
34/ 33																				5	39
32/ 31																					28
30/ 29																					28
28/ 27																					40
26/ 25																					19
24/ 23																					5

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

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					5
20/ 19																					1
18/ 17																					7
TOTAL	4.8	19.5	23.7	19.3	14.0	9.3	4.8	2.4	1.4	.6	.2							6951	6951		6951

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	40444040	518116	74.5	16.203	6951							
Dry Bulb	32296641	471007	67.8	7.401	6951			455.5	187.1	28.2		744
Wet Bulb	27506389	434159	62.5	7.480	6951			248.7	29.0			744
Dew Point	24647016	408374	58.8	9.707	6951		14.3	142.7	4.3			744

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95										.0				.0				5	5		
94/ 93									.0	.0	.0							4	4		
92/ 91								.0	.1	.1		.0		.0				16	16		
90/ 89							.0	.1	.1	.1	.0	.0	.0					27	27		
88/ 87						.0	.1	.1	.3	.2	.0	.0						52	52		
86/ 85					.0	.1	.1	.2	.1	.0	.0							38	38		
84/ 83				.0	.2	.3	.3	.3	.1	.0	.0	.0						80	80		
82/ 81		.0	.2	.8	.6	.7	.5	.2	.1	.0		.0		.0				211	211		
80/ 79		.0	1.1	2.2	1.4	1.4	.6	.2	.2	.0		.0						471	471	4	1
78/ 77		.3	1.5	2.4	2.3	1.5	1.2	.3	.1	.0		.0						635	635	32	2
76/ 75	.1	1.8	2.7	3.6	2.7	1.8	1.7	.6	.1	.0	.0							1010	1010	219	83
74/ 73	.3	2.0	2.7	3.8	2.5	2.4	1.5	.5	.2	.1	.0							1055	1055	587	207
72/ 71	.3	2.4	3.5	3.3	2.6	2.7	1.2	.5	.2	.0	.0							1103	1104	842	484
70/ 69	.5	2.0	2.8	2.5	1.8	1.9	.8	.2	.1	.0	.0							850	850	905	702
68/ 67	.2	1.3	1.7	.7	.9	.6	.5	.2	.1	.0								414	414	952	733
66/ 65	.3	1.1	.6	.6	.5	.5	.3	.1	.0									295	295	912	800
64/ 63	.2	.6	.5	.6	.3	.3	.2	.1	.0									186	187	781	774
62/ 61	.0	.1	.3	.2	.2	.1	.0	.0										67	67	538	622
60/ 59	.0		.1	.2	.1	.2	.0											42	42	328	462
58/ 57			.0	.1	.1	.0												15	15	195	437
56/ 55			.0	.1	.1	.0												21	21	130	390
54/ 53			.1	.2	.1	.0												23	23	80	253
52/ 51			.0		.0													4	4	47	184
50/ 49			.0															2	2	50	136
48/ 47																				16	89
46/ 45																				8	96
44/ 43																					65
42/ 41																					29
40/ 39																					33
38/ 37																					21
36/ 35																					10
34/ 33																					5
32/ 31																					7
30/ 29																					1

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

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

AFETAC

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.1	11.7	18.1	21.4	16.4	14.0	9.0	3.5	1.7	.9	.3	.2	.0	.1				6626	6628	6626	6626

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34841319	469871	70.9	15.153	6626							
Dry Bulb	35579129	484315	73.1	5.351	6628			648.7	391.5	65.4	1.0	720
Wet Bulb	29480123	440495	66.5	5.441	6626			384.8	91.5			720
Dew Point	26240617	413993	62.5	7.517	6626		.9	240.4	31.8			720

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 57-76 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93							.0		.0	.0								5	5		
92/ 91								.0	.1	.1		.0	.0					17	17		
90/ 89							.0	.1	.2	.1	.1		.0					31	31		
88/ 87					.0	.0	.3	.3	.3	.1		.0						67	67		
86/ 85				.0	.1	.4	.3	.3	.2	.0								88	88		
84/ 83			.0	.4	1.3	1.1	.6	.2	.1	.1								254	254		
82/ 81		.1	.8	3.7	4.3	2.3	1.1	.4	.1	.1	.0	.0						873	874	3	
80/ 79		.1	3.1	5.7	4.9	3.0	1.3	.3	.2	.1		.0						1252	1252	11	7
78/ 77	.0	.8	3.9	5.4	4.4	1.9	1.0	.1	.1									1192	1192	149	19
76/ 75	.2	2.8	5.0	5.2	3.3	1.6	.7	.2	.0									1278	1278	758	193
74/ 73	.2	2.3	2.8	3.2	1.5	1.1	.2	.1	.0									779	779	1519	619
72/ 71	.2	1.4	2.5	1.7	.6	.4	.2	.0	.0									475	475	1401	1072
70/ 69	.1	.6	2.0	.5	.3	.2	.1	.0										262	262	1125	1393
68/ 67		.2	.6	.1	.0	.0	.0											73	73	818	995
66/ 65	.0	.4	.2	.1	.1	.0												52	52	507	817
64/ 63	.0	.1	.0	.1	.1	.0												22	22	202	678
62/ 61		.0		.0														3	3	90	374
60/ 59			.0															2	2	43	237
58/ 57																				32	119
56/ 55																				6	74
54/ 53																				1	39
52/ 51																					49
50/ 49																					27
48/ 47																					4
46/ 45																					8
40/ 39																					1
TOTAL	.8	8.9	21.0	26.3	20.9	12.2	5.8	2.1	1.2	.6	.1	.1	.0					6725	6726	6725	6725

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	37162010	493496	73.4	11.675	6725							
Dry Bulb	40043847	518209	77.0	4.191	6726			735.3	645.7	204.0	.6	744
Wet Bulb	33753047	475739	70.7	3.685	6725			640.5	269.9	.9		744
Dew Point	30833395	454183	67.5	4.670	6725			475.5	92.7			744

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93							.0	.1	.0		.0							11	11		
92/ 91						.1	.2	.3	.1	.0								44	44		
90/ 89					.1	.4	.6	.3	.1									94	94		
88/ 87			.0	.0	.8	1.2	.8	.2	.0									198	198		
86/ 85			.1	1.0	3.5	1.8	.3	.1										438	438		
84/ 83		.1	1.0	4.9	4.0	1.2	.1											770	771	1	
82/ 81		.6	3.8	10.4	4.5	1.0	.0											1321	1321	48	5
80/ 79	.0	1.1	8.4	7.4	2.6	.3												1290	1290	390	81
78/ 77	.1	2.9	7.7	3.6	.8	.0												986	986	1199	343
76/ 75	.6	5.3	5.2	1.9	.1													850	851	1927	1180
74/ 73	.5	3.1	1.5	.5														363	363	1799	1877
72/ 71	.5	.8	.6	.0														125	126	854	1655
70/ 69	.1	.1	.1															19	19	247	922
68/ 67																				43	310
66/ 65																				1	121
64/ 63																					15
TOTAL	1.9	13.8	28.4	29.8	16.9	6.0	2.0	1.0	.2	.0	.0							6509	6512	6509	6509

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	41161665	513973	79.0	9.413	6509							
Dry Bulb	41673565	520287	79.9	4.004	6512			720.0	704.0	372.7	1.2	720
Wet Bulb	36450172	486820	74.8	2.480	6509			719.9	593.3	19.2		720
Dew Point	34261721	472416	72.6	2.445	6509							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97											.0							1	1		
96/ 95									.0									1	1		
94/ 93							.0	.0	.1	.0								13	13		
92/ 91						.0	.1	.3	.1	.1								41	41		
90/ 89					.0	.5	.6	.2	.1									106	106		
88/ 87				.1	1.4	2.2	.6	.0										295	295		
86/ 85		.0	.3	3.2	6.3	2.1	.4	.0	.0									837	837		
84/ 83		.1	3.4	8.7	4.7	1.1	.1	.1										1227	1227	5	2
82/ 81		.5	7.2	8.3	2.8	.4	.1											1296	1297	73	8
80/ 79	.0	1.8	11.2	5.5	1.4	.2	.0											1362	1363	890	175
78/ 77	.1	3.9	8.2	2.5	.3	.0												1018	1018	2053	763
76/ 75	.1	3.6	2.3	.5	.0													439	439	1935	2060
74/ 73	.1	.9	.5	.1														108	108	1363	1948
72/ 71	.0	.0	.0															6	6	362	1157
70/ 69			.0															1	1	62	451
68/ 67																				7	137
66/ 65																				1	27
64/ 63																					17
62/ 61																					6
TOTAL	.4	10.7	33.2	29.0	17.0	6.5	2.1	.7	.3	.1	.0								6753		6751
																		6751		6751	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42268510	530932	78.6	8.721	6751							
Dry Bulb	44721748	549014	81.3	3.596	6753			744.0	743.2	492.7	1.7	744
Wet Bulb	39614421	513287	76.0	2.302	6751			743.9	696.4	41.2		744

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-70 YEARS — AUG MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0											1	1		
92/ 91						.0	.1	.0	.0	.0								10	10		
90/ 89					.2	.6	.3	.1										75	75		
88/ 87			.0	.2	2.2	2.9	.6	.0										400	400		
86/ 85		.0	1.0	3.0	6.2	2.4	.3											860	860		
84/ 83		.3	3.9	7.5	5.4	.8	.0											1208	1202	7	
82/ 81		1.7	8.7	7.4	2.0	.4												1346	1346	155	21
80/ 79	.1	3.8	9.8	3.1	.6	.0												1171	1174	1084	333
78/ 77	.2	5.4	5.5	1.6	.3													862	869	2137	1025
76/ 75	.5	5.6	2.3	.4	.0													588	589	1881	2139
74/ 73	.2	1.3	.4	.0														130	133	1089	1801
72/ 71	.1	.2																19	19	256	930
70/ 69	.1	.1	.0															14	14	66	315
68/ 67																				3	105
66/ 65																					8
64/ 63																					1
TOTAL	1.1	18.4	31.6	23.3	17.0	7.2	1.2	.1	.0	.0								6692			6678
																		6678		6678	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43634210	536380	80.3	9.092	6678							
Dry Bulb	44237904	543540	81.2	3.674	6692			744.0	740.3	496.2	.1	744
Wet Bulb	39012816	510186	76.4	2.310	6678			744.0	707.8	61.4		744
[illegible]	[illegible]	497227	74.5	2.502	6678			743.0	592.6	8.8		744

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.0								3	3		
94/ 93							.0		.0									3	3		
92/ 91						.0	.1	.1	.0									15	15		
90/ 89					.1	.3	.2	.2	.0									49	49		
88/ 87				.0	1.6	2.1	.7	.4	.0									327	322		
86/ 85			.2	3.5	5.8	2.6	1.0	.2										867	867		
84/ 83		.0	1.9	7.2	5.8	3.5	1.2	.0										1274	1275	1	
82/ 81		.3	8.0	7.5	5.1	1.8	.4											1494	1494	35	5
80/ 79	.0	1.3	6.7	5.4	3.6	.9	.2											1172	1172	713	44
78/ 77	.2	2.3	4.6	2.9	.8	.0												705	706	1771	700
76/ 75	.1	2.4	3.3	1.1	.2													461	462	1508	1661
74/ 73	.1	.8	.5	.2	.1													106	107	1516	1359
72/ 71	.0	.0	.1	.1	.1													27	27	713	1246
70/ 69	.0		.1															7	7	148	876
68/ 67																				22	424
66/ 65																				18	141
64/ 63																					36
62/ 61																					7
TOTAL	.4	7.3	25.3	27.8	23.1	11.2	3.8	1.0	.1	.0								6509			6505
																		6505		6505	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	38032897	493851	75.9	9.115	6505			720.0	716.2	524.7	.7	720
Dry Bulb	43212274	529868	81.4	3.465	6509			718.0	620.3	25.6		720
Wet Bulb	37058006	490690	75.4	2.598	6505			699.6	410.8	5.9		720

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

AFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89								.0	.0									4	4		
88/ 87						.1	.0	.1	.1									24	24		
86/ 85				.2	.6	.5	.3	.5	.1									149	149		
84/ 83			.2	1.4	1.9	.8	1.0	.6	.1	.0								400	400		
82/ 81		.1	2.2	5.0	2.8	2.5	1.6	.9	.1									1020	1020	1	
80/ 79	.0	.8	4.3	6.0	4.0	3.7	1.7	.4	.0									1399	1399	63	19
78/ 77	.0	1.4	4.0	4.0	5.2	2.9	1.0	.3	.1									1280	1281	451	108
76/ 75	.7	2.5	2.2	3.2	3.1	2.0	.7	.3	.0	.0								980	985	943	519
74/ 73	.3	1.9	2.2	1.5	1.4	1.2	.6	.1	.0									613	632	1260	873
72/ 71	.0	1.5	1.9	.6	.7	.4	.4	.1										374	378	1198	890
70/ 69	.1	.7	.7	.4	.2	.2	.1	.1										171	176	1110	866
68/ 67	.2	.3	.4	.3	.2	.2	.1	.0	.0									104	105	740	901
66/ 65	.1	.1	.2	.1	.2	.1	.1	.0										62	62	362	772
64/ 63	.0		.2	.2	.1	.1	.0											43	43	217	593
62/ 61	.0		.0	.1	.1	.1												25	25	108	412
60/ 59				.1	.1	.0												18	18	88	235
58/ 57	.1	.0	.0	.0	.1													21	21	53	138
56/ 55	.0		.0	.0														4	4	39	111
54/ 53			.0	.0														4	4	25	65
52/ 51																				29	69
50/ 49																				8	34
48/ 47																					30
46/ 45																					22
44/ 43																					17
42/ 41																					10
40/ 39																					5
TOTAL	1.6	9.2	18.7	23.2	20.7	14.6	7.7	3.5	.7	.1								6695	6730	6695	6695

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36482004	487004	72.7	12.364	6695							
Dry Bulb	40362616	520288	77.3	4.558	6730			724.4	651.6	243.2		744
Wet Bulb	33760780	474392	70.9	4.678	6695			640.8	302.0	1.2		744

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
86/ 85					.0	.0	.0	.1	.1	.0									17	17		
84/ 83				.0	.3	.2	.1	.1	.0	.0									53	53		
82/ 81			.1	.3	1.0	.7	.2	.2	.0	.0									169	169		
80/ 79		.4	1.0	1.4	1.3	.9	.3	.1	.0	.0									351	351		
78/ 77	.1	.0	1.1	1.6	2.3	1.0	.5	.0	.1										477	477	50	35
76/ 75	.3	1.5	1.3	2.3	2.4	1.7	.6	.0	.0										656	656	207	97
74/ 73	.9	1.8	1.7	3.1	1.6	1.6	.4	.2	.0										738	744	491	256
72/ 71	1.0	1.6	2.0	2.2	2.2	1.6	.5	.3	.0										751	755	538	390
70/ 69	1.3	1.5	2.4	1.9	1.5	1.1	.5	.2	.0	.1									692	695	684	473
68/ 67	.7	2.1	1.6	1.3	1.3	.9	.6	.1	.1	.0									569	569	784	510
66/ 65	.6	1.5	1.1	1.3	.9	.5	.3	.0	.0										409	409	694	678
64/ 63	.4	1.5	1.1	1.4	.8	.5	.2	.1	.0										391	391	632	663
62/ 61	.2	1.0	.8	1.0	.6	.2	.3	.0	.0										265	265	455	480
60/ 59	.1	1.2	.9	.6	.4	.3	.2	.1											252	252	400	485
58/ 57	.1	1.0	.8	.6	.4	.2	.2	.0											219	219	386	482
56/ 55	.0	.7	.6	.4	.6	.2	.1												160	163	330	341
54/ 53		.2	.3	.5	.2	.2	.0												84	84	204	319
52/ 51		.2	.3	.4	.2	.1													77	77	142	275
50/ 49		.1	.3	.3	.2	.0													59	59	146	176
48/ 47			.2	.2	.0														29	29	114	167
46/ 45			.1	.1															16	16	80	127
44/ 43			.1	.1															11	11	61	93
42/ 41			.0	.1	.0														10	10	29	105
40/ 39			.1	.0	.0														7	7	16	91
38/ 37			.1	.1															10	10	8	68
36/ 35			.0																1	1	8	43
34/ 33																					9	46
32/ 31																					5	31
30/ 29																						19
28/ 27																						11
26/ 25																						5
24/ 23																						1
22/ 21																						4
20/ 19																						2

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

FORM 0-26-5 (OL A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AFETAC

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.9	16.9	18.0	21.3	18.4	12.0	5.1	1.6	.6	.2								6473	6489	6473	6473

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	37047431	479753	74.1	15.173	6473							
Dry Bulb	31469264	449040	69.2	7.809	6489			497.8	273.7	41.9		720
Wet Bulb	29468931	432485	67.7	7.869	6473			496.3	267.2			720

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-75 YEARS — DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85							.0	.0										4	4		
84/ 83					.0	.0	.1	.0	.0									12	12		
82/ 81		.0	.0	.2	.1	.1	.2		.0									41	41		
80/ 79			.3	.6	.5	.6	.2	.1	.0									151	151	1	1
78/ 77		.1	.6	.7	.9	.3	.3	.1	.0									200	200	2	1
76/ 75	.1	1.1	1.3	2.2	1.1	.6	.6	.2										474	474	48	23
74/ 73	.2	1.7	2.0	2.6	1.3	.7	.5	.0										586	606	209	82
72/ 71	.5	1.6	2.7	2.9	1.3	1.0	.3		.0									683	704	420	243
70/ 69	.0	1.9	3.4	2.2	1.3	.7	.2	.0	.1	.0								734	766	559	369
68/ 67	1.0	1.7	2.5	1.7	1.1	.4	.2	.1	.1		.0							580	606	718	503
66/ 65	.6	2.2	1.6	1.6	.7	.3	.1	.1	.0									482	499	686	610
64/ 63	.6	2.0	1.0	1.3	.8	.5	.2	.2	.0									446	449	647	628
62/ 61	.4	1.3	1.2	.9	.9	.3	.1	.2	.0									356	356	590	537
60/ 59	.2	1.3	1.0	.8	.7	.3	.2	.2	.0									304	306	386	430
58/ 57	.1	1.2	1.0	.8	.8	.2	.3	.1	.0									304	307	313	446
56/ 55	.2	1.2	1.2	1.1	.6	.4	.1	.1	.0									324	329	294	447
54/ 53	.1	.9	1.2	1.0	.4	.2	.2	.0										270	270	340	342
52/ 51	.2	.4	.9	.8	.4	.3	.2	.0										201	201	276	249
50/ 49	.0	.1	.9	.8	.4	.3												156	156	269	246
48/ 47		.2	.3	.5	.3	.2												99	99	218	186
46/ 45	.1	.2	.4	.2	.2	.0												72	72	196	218
44/ 43		.1	.2	.2	.1													39	39	127	189
42/ 41		.0	.2	.1	.1													29	29	124	166
40/ 39	.0	.0	.2	.1	.0													21	21	78	110
38/ 37			.1	.1														9	9	37	123
36/ 35			.1	.0														5	5	25	112
34/ 33			.1															6	6	13	69
32/ 31																				6	67
30/ 29																					42
28/ 27																					69
26/ 25																					35
24/ 23																					31
22/ 21																					8
20/ 19																					6

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

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

AFETAC

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.3	19.5	24.4	23.1	14.3	7.5	3.8	1.6	.5	.0	.0							6588	6717	6588	6588

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	38592297	494057	75.0	15.297	6588							
Dry Bulb	29235363	439235	65.4	8.741	6717			394.8	164.8	11.5		744
Wet Bulb	24585474	398042	60.4	9.021	6588		1.4	221.0	29.4			744
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89									.1									1	1		
76/ 75		.1	.3															3	3		
74/ 73	.1	.4	.7	.4														12	12	5	1
72/ 71	1.2	2.9	3.7	.3	.5	.1												64	64	28	11
70/ 69	3.4	5.2	4.1	1.5	.5	.4												111	111	57	51
68/ 67	1.8	5.8	2.1	1.1	1.4	.4												91	91	93	67
66/ 65	2.3	3.6	2.1	.8	.7	.1												70	70	76	89
64/ 63	1.1	4.0	1.5	1.1	.3													58	58	61	65
62/ 61	.4	4.1	1.8	1.1	.4													57	57	58	40
60/ 59	.3	2.7	2.5	.5	.4	.3												51	51	63	57
58/ 57	.1	3.7	1.0	.7		.1												41	41	40	35
56/ 55	.4	2.6	1.4	1.4	.1													43	43	65	64
54/ 53		1.4	1.5	1.0		.1	.1											30	30	33	46
52/ 51		.4	1.4	1.1	.3													23	23	26	42
50/ 49	.1	.7	.5	1.2	.7	.1												25	25	26	15
48/ 47		.5	1.0	.7	.4													19	19	26	31
46/ 45	.3	.4	.1	.1														7	7	13	23
44/ 43				.1														1	1	24	14
42/ 41			.3	.8		.1												9	9	10	15
40/ 39			.1	.5	.1	.3												8	8	2	9
38/ 37			.1		.1													2	2	5	10
36/ 35																				6	5
34/ 33				.3	.1													3	3	4	9
32/ 31																				3	3
30/ 29																				2	0
28/ 27																				3	6
26/ 25																					3
24/ 23																					1
20/ 19																					2
16/ 15																					1
14/ 13																					2
12/ 11																					2
10/ 9																					1

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

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	11.9	36.5	26.1	14.8	6.2	2.2	.1		.1									729	729	729	729

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5214851	60895	83.5	13.268	729							
Dry Bulb	2869801	45351	62.2	8.164	729			36.0	2.0	.1		93
Wet Bulb	2620644	43214	59.3	9.0[illegible]	729		1.0	23.1	.4			93
Dew Point	2449956	41496	56.9	[illegible]	729		[illegible]	16.6	.1			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-74 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.1															1	1		
74/ 73			.3	.3														4	4		
72/ 71	1.0	1.7	2.2	.4	.4	.1												42	42	13	7
70/ 69	2.6	5.0	1.8	.8	.1	.4												78	78	47	32
68/ 67	2.5	7.5	1.4	1.1	1.1	.4												101	101	91	70
66/ 65	3.6	5.9	1.1	1.2	.8													92	92	82	96
64/ 63	2.1	3.2	1.2	.3														49	49	72	66
62/ 61	1.5	3.7	.4	1.2	.4													53	53	47	46
60/ 59	1.7	4.4	2.1	1.8	.1	.3												75	75	76	57
58/ 57	.1	3.3	1.5	.3	.4													41	41	37	43
56/ 55	.3	2.5	1.9	.6														40	40	54	46
54/ 53	.4	1.5	.6	1.0														25	25	37	50
52/ 51		1.0	1.5	.7														23	23	32	32
50/ 49	.4	1.0	1.2	1.0	.7													31	31	24	34
48/ 47		.4	1.2	1.9	.4													29	29	21	16
46/ 45	.1	.4		.6														8	8	18	24
44/ 43		.1	.4	.3														6	6	23	16
42/ 41		.3		.7														7	7	15	15
40/ 39			.1	.3														3	3	9	10
38/ 37			.3	.1		.4												6	6	4	15
36/ 35				.4	.1	.1												5	5	5	9
34/ 33				.1	.1													2	2	3	11
32/ 31				.3														2	2	1	3
30/ 29																				4	7
28/ 27																				5	2
26/ 25																				3	3
18/ 17																					3
16/ 15																					3
10/ 9																					3
8/ 7																					1
6/ 5																					2
4/ 3																					1
TOTAL	16.3	41.9	19.5	15.6	4.8	1.8												723	723		723
																		723		723	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5357120	61416	84.9	13.929	723							
Dry Bulb	2741177	44105	61.0	8.376	723		.3	29.1	.0			93
Wet Bulb	2530844	42238	58.4	9.362	723		1.7	19.4				93
Dew Point	2380551	40617	56.2	11.695	723		3.6	14.0				93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — JAN MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75			.2															2	2		
74/ 73		.1	.4	.6														9	9		
72/ 71	.6	.7	1.5	1.5	.2													39	39	9	6
70/ 69	3.2	3.9	1.5	.8	.4	.4												86	86	58	33
68/ 67	2.2	5.1	1.5	1.3	.8	.4												96	96	73	63
66/ 65	4.1	4.6	2.6	1.6	.5	.1												116	116	102	102
64/ 63	2.7	3.4	1.7	.6	.2													73	73	78	78
62/ 61	2.0	4.0	1.5	.8	.1	.1												73	73	87	66
60/ 59	2.1	3.3	1.7	.9	.2													70	70	89	80
58/ 57	.4	2.0	1.3	.4														34	34	45	52
56/ 55	.5	2.0	2.1	.5	.1													44	45	44	53
54/ 53	.1	1.3	2.5	1.4	.2													47	47	38	41
52/ 51		1.5	1.8	.6														33	33	38	32
50/ 49	.2	.8	1.3	.7	.5													30	30	44	50
48/ 47		1.7	.7	1.4														32	32	29	24
46/ 45		.6	.5	1.3														20	20	26	34
44/ 43		.1	.4	.8														11	11	22	32
42/ 41		.4	.2	.5	.1													10	10	16	11
40/ 39			.4	.2														5	5	15	14
38/ 37			.4	.1	.1													5	5	8	11
36/ 35						.1												1	1	11	11
34/ 33			.1	.4	.2													6	6	1	14
32/ 31				.6														5	5	1	12
30/ 29																				2	7
28/ 27																				5	5
26/ 25																				6	2
20/ 19																					3
18/ 17																					3
16/ 15																					2
12/ 11																					3
6/ 5																					3
TOTAL	18.2	35.5	24.2	17.2	3.8	1.1													848		847
																		847		847	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6193595	71549	84.5	13.298	847							
Dry Bulb	3163794	51274	60.5	8.661	848		.5	25.4	1.2			93
Wet Bulb	2907161	48969	57.8	9.480	847		1.5	15.4				93
Dew Point	2725907	47047	55.5	10.401	847							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82/ 81				.1	.2													3	3		
80/ 79			.1	.7	.1	.3												11	11		
78/ 77			.2	1.0	.5	.1												17	17		
76/ 75		.8	1.0	3.2	1.2	.1												57	57	2	
74/ 73	.1	1.2	2.6	3.1	.9	.5												77	77	24	4
72/ 71	.7	2.1	6.2	1.8	.7	.4	.2											110	110	49	28
70/ 69	1.8	2.8	2.8	2.7	1.2	1.1	.2											116	116	117	59
68/ 67	.4	2.5	2.5	1.4	1.3	.8	.1											83	83	114	104
66/ 65	.7	2.6	2.0	1.3	1.1	.4												74	74	80	110
64/ 63	1.1	1.9	1.9	1.5	.8	.5												70	70	84	81
62/ 61	.3	1.6	.5	.8	.8	.3												40	40	75	67
60/ 59	.3	1.3	1.2	1.2	.4	.3		.1										45	45	52	56
58/ 57	.1	.7	1.5	1.8	.4	.2	.2											45	45	50	
56/ 55		.8	1.3	.9	.4	.1	.2											34	34	45	38
54/ 53		.7	.9	1.4		.2												29	29	45	43
52/ 51		.3	1.0	.9	.3	.1	.1											25	25	30	41
50/ 49		.1	1.0	1.5	.4	.3												31	31	33	40
48/ 47		.2	.1	.4	.4													11	11	25	31
46/ 45		.1	.3	.5	.8													16	16	21	23
44/ 43			.2	.1	.1													4	4	19	26
42/ 41			.1	.1														2	2	14	17
40/ 39				.1	.2		.1											4	4	14	17
38/ 37				.1	.2	.1												4	4	6	10
36/ 35				.1	.2													3	3	1	10
34/ 33				.2	.1													3	3	3	10
32/ 31																				3	12
30/ 29																				5	9
28/ 27																				2	2
26/ 25																				1	4
24/ 23																					1
22/ 21																					3
20/ 19																					2
16/ 15																					5
12/ 11																					1

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

FORM 0-26-3 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 9																					1
8/ 7																					1
4/ 3																					1
TOTAL	5.5	19.7	27.6	26.9	12.9	6.1	1.2	.1										914	914		914
																		914		914	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5575880	70254	76.9	13.878	914							
Dry Bulb	3917121	59285	64.9	8.862	914			48.2	16.8	.4		93
Wet Bulb	3826515	55277	60.5	9.446	914		1.1	31.1	2.6			97

FORM 0-2-5 (OL A) JUL 64 AFETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — JAN MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83						.2	.2	.2										7	7		
82/ 81		.1		.1	.9	1.9	1.3	.3										42	42		
80/ 79			.2	1.1	.8	1.1	.7	.1		.1								37	37	1	1
78/ 77			.2	1.9	3.2	1.1	.2			.2								62	62		
76/ 75		1.0	1.5	5.2	2.7	1.2		.3	.2									111	111	3	
74/ 73	.1	.7	2.4	5.2	1.5	1.0	.5	.3										107	107	42	6
72/ 71		.5	3.6	2.6	1.9	2.0	.7	.1										104	104	81	18
70/ 69	.3	.4	2.0	3.1	2.3	1.4	.7	.1		.1								95	95	138	67
68/ 67		.7	1.4	.8	1.2	1.4	.8	.2		.1								60	60	119	112
66/ 65	.1	.4	.8	1.4	1.2	2.0	.1											55	55	74	116
64/ 63		.5	.7	.5	.9	.9	.1	.2	.3									38	38	60	87
62/ 61		.7	.9	1.1	1.1	.8	.1	.3	.3									48	48	73	70
60/ 59		.7	1.0	1.0	.5	.7	.1		.1	.1								38	38	58	47
58/ 57		.4	.2	.5	.5	.8	.2	.3										28	28	49	49
56/ 55		.1	.4	.5	.5	.4			.1									20	20	53	57
54/ 53		.1	.1	.7	.9	.2												18	18	34	41
52/ 51			.3	.4	.8	.5	.1											20	20	17	40
50/ 49				.2	.2	.1												5	5	24	39
48/ 47				.1		.2												3	3	26	26
46/ 45					.3													3	3	23	21
44/ 43				.1	.1	.2	.1											5	5	13	18
42/ 41				.1	.1		.2											4	4	6	13
40/ 39					.2													2	2	3	13
38/ 37																				5	22
36/ 35																				2	8
34/ 33																				4	12
32/ 31																				3	9
30/ 29																				1	4
28/ 27																					6
26/ 25																					1
24/ 23																					5
22/ 21																					1
20/ 19																					2
18/ 17																					2

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

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

SAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					3
6/ 5																					3
TOTAL	.5	6.4	15.8	20.6	21.9	18.1	6.2	2.6	1.1	.7								912	912	912	912

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4351208	61650	67.6	14.202	912							
Dry Bulb	4416888	63018	69.1	8.278	912			63.7	37.3	0.1		93
Wet Bulb	3608391	56811	62.3	8.733	912		.4	39.2	4.7			93

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.1	.1	.1									3	3		
84/ 83							.4	.2	.1									7	7		
82/ 81					.7	1.0	1.4	.7										34	34		
80/ 79			.1	.9	.3	.9	.8	.3	.1	.1								32	32		
78/ 77			.1	1.3	1.4	.4	.2	.2	.2	.3								39	39		
76/ 75		.8	2.0	4.7	1.2	.7	.1		.2									86	88	1	
74/ 73		1.8	3.0	4.6	1.5	.4	.2	.1										106	106	29	5
72/ 71	.3	1.0	3.4	2.0	2.2	1.4	.4	.2	.1									101	101	79	28
70/ 69		1.0	3.4	2.9	2.6	1.5	.4	.2	.4	.2								116	116	135	52
68/ 67	.3	1.4	1.6	2.2	1.4	1.8	.4	.1										85	85	104	97
66/ 65		1.0	1.5	1.6	2.2	1.1	.1	.2										71	71	90	113
64/ 63		.8	.5	.4	1.8	.7	.1	.3	.2	.8	.2							53	53	65	91
62/ 61		.1	.2	1.0	.5	.4	.2	.1		.3								27	27	81	67
60/ 59		.3	1.0	1.4	1.0	.7	.4											44	44	57	56
58/ 57		.5	1.0	.5	.4	.4												27	27	48	46
56/ 55		.1	.2	.7	.4	1.0												22	22	55	54
54/ 53		.1	.7	.5	.9	.3	.1											24	24	34	43
52/ 51		.2	.1	.1	.3	.1	.1											9	9	26	46
50/ 49				.2	.2	.4												8	8	28	42
48/ 47						.2												2	2	28	32
46/ 45				.2	.2	.1	.3											8	8	19	22
44/ 43					.2		.2											4	4	9	14
42/ 41							.1											1	1	7	15
40/ 39																				5	7
38/ 37																				2	19
36/ 35																				5	15
34/ 33																				1	10
32/ 31																				3	3
30/ 29																					10
28/ 27																					4
26/ 25																					6
24/ 23																					5
22/ 21																					2
18/ 17																					1

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

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

USAFETAC

* U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					3
8/ 7																					3
TOTAL	.7	9.1	18.9	25.4	19.6	13.6	6.4	2.9	1.5	1.8	.2							911	911	911	911

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4495913	62399	68.5	15.615	911							
Dry Bulb	4348113	62531	68.6	7.644	911			62.4	31.5	5.6		93
Wet Bulb	3567584	56492	62.0	8.416	911		.5	35.5	3.1			53
Dew Point	3100626	52106	57.2	11.500	911		3.8	16.6	.5			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — JAN MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79			.2	.1	.1	.3												7	7		
78/ 77			.3	.2	.1	.1												7	7		
76/ 75		1.3	.9	.8	.6	.1												33	33	2	1
74/ 73		2.5	3.4	3.2	.4				.1									88	88	16	9
72/ 71	.6	3.1	6.3	3.0	1.3			.1										130	130	50	24
70/ 69	.1	2.2	5.9	2.1	1.3	.6	.1		.1									113	113	94	54
68/ 67	.6	1.4	3.5	2.8	2.3	.6	.2											103	103	112	81
66/ 65	.4	2.0	2.5	1.9	.7	1.0	.2											79	79	103	95
64/ 63	.2	3.1	2.0	2.0	1.1	.3	.1											80	80	75	114
62/ 61		1.7	.8	2.4	1.1	.4			.1									59	59	96	58
60/ 59		.3	1.0	1.5	.6	.2	.1	.2	.2									38	38	57	76
58/ 57		.6	2.0	1.4	.7	.3	.1		.1									47	47	49	52
56/ 55		.9	.6	.8	.9	.6	.3	.1										37	37	55	37
54/ 53		.2	.6	.7	.6	.4												22	22	51	44
52/ 51		.2	.4	.7	.9	.1												21	21	21	56
50/ 49		.7	.2	.8	.1													16	16	30	34
48/ 47				.6	.4	.1												10	10	30	29
46/ 45			.1	.3														4	4	21	27
44/ 43			.1	.3		.3												7	7	18	21
42/ 41			.2		.1	.1												4	4	6	17
40/ 39				.2		.1												3	3	13	7
38/ 37					.1													1	1	1	18
36/ 35																					14
34/ 33																				6	10
32/ 31																				1	11
30/ 29																				2	5
28/ 27																					1
26/ 25																					5
24/ 23																					2
22/ 21																					1
18/ 17																					1
16/ 15																					1
14/ 13																					1
12/ 11																					1

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 9																					2
TOTAL	1.9	20.1	31.0	25.6	13.3	5.7	1.2	.4	.7										909		909
																		909		909	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5433526	69118	76.0	14.000	909							
Dry Bulb	3932342	59394	65.3	7.534	909			49.2	13.6			93
Wet Bulb	3421093	55225	60.8	8.524	909		.3	28.0	1.8			97
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — JAN MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79				.1														1	1		
78/ 77					.2													2	2		
76/ 75		.8	.4	.1	.1													13	13		
74/ 73	.1	2.3	2.2	1.2	.2													55	55	9	4
72/ 71	.6	3.1	6.0	2.4		.1												110	110	42	16
70/ 69	1.0	3.9	5.5	3.9	1.2	.6												147	147	80	68
68/ 67	.8	3.2	3.1	1.7	1.3	.1												92	92	114	74
66/ 65	1.0	2.3	2.9	1.4	1.3	.3												84	84	99	95
64/ 63	.2	2.1	1.7	2.2	.7	.1												63	63	89	82
62/ 61	.3	3.3	2.6	1.2	.4	.2												74	74	64	81
60/ 59	.1	1.1	2.2	.7	.9	.1												46	46	76	72
58/ 57		2.1	1.7	.9	.6		.1											48	48	60	46
56/ 55		.9	1.8	1.5	.4	.4	.1											47	47	59	57
54/ 53		.7	.9	1.2	.3	.2	.2											32	32	39	65
52/ 51		.1	1.5	.9	.9	.2												33	33	32	43
50/ 49		.6	.6	.9	.3													21	21	31	22
48/ 47		.2	.4	.2														8	8	36	33
46/ 45		.1	.1	.2	.1													5	5	10	34
44/ 43			.7	.4	.1													11	11	24	21
42/ 41			.1	.4	.2	.1												8	8	5	16
40/ 39				.2														2	2	3	19
38/ 37				.1														1	1	1	7
36/ 35				.1	.1													2	2		12
34/ 33				.1														1	1	6	11
32/ 31																					6
30/ 29																				1	7
28/ 27																				2	4
26/ 25																					5
18/ 17																					4
16/ 15																					1
14/ 13																					1
TOTAL	4.1	26.7	34.3	22.2	9.5	2.8	.4											906	906		906
																		906		906	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5863449	71965	79.4	12.752	906
Dry Bulb	3742746	57794	63.8	7.870	906
Wet Bulb	3329462	54362	60.0	8.644	906

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			43.1	7.3			93
Wet Bulb		.3	25.1	.9			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-74,76 YEARS — FEB MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		.8																5	5		
72/ 71	.2	1.5	1.2	.2														20	20	15	1
70/ 69	.5	1.1	3.0	.5	.6													41	41	11	18
68/ 67	.2	2.3	3.5	1.5	.5	.5												55	55	17	11
66/ 65	.9	2.9	2.4	.6	1.2	.3												55	55	59	25
64/ 63	1.4	4.2	2.0	1.4	.6													63	63	49	69
62/ 61	.5	2.0	2.7	1.2	.5	.2												46	46	53	44
60/ 59	.5	2.4	3.0	.5	.3	.3												46	46	47	33
58/ 57	.3	3.2	2.3	2.4	.3	.3												61	61	49	39
56/ 55	.3	6.5	2.1	1.5	.9	.3												77	77	65	56
54/ 53	.3	2.1	2.4	2.4	1.4	.5												60	60	62	60
52/ 51		1.4	1.8	1.1	.5													31	31	44	52
50/ 49		1.2	1.8	1.1	.8	.3												34	34	34	35
48/ 47		.9	2.3	.9	.6													31	31	43	29
46/ 45		.3	1.5	1.4	.2	.5												25	25	43	33
44/ 43		.3	.8		.2													8	8	25	24
42/ 41			.2															1	1	26	38
40/ 39																				12	27
38/ 37			.5	.3	.2													6	6	1	21
36/ 35																				4	15
34/ 33																				3	13
32/ 31																				3	6
30/ 29																					3
28/ 27																					5
26/ 25																					2
22/ 21																					2
20/ 19																					3
16/ 15																					1
TOTAL	5.3	32.8	33.8	16.7	8.4	3.0												665	665	665	665

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	4323014	52894	79.5	13.208	665
Dry Bulb	2330743	39045	58.7	7.589	665
Wet Bulb	2073879	36725	55.2	6.297	665

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			15.3	.0			84
Wet Bulb		.4	2.4				84

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-74,76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		.7	.3															7	7		
72/ 71		1.3	.9		.1	.1												17	17	14	4
70/ 69	.1	.1	2.4	.1	.6	.1												24	24	5	11
68/ 67	.4	3.0	2.5	.1	.3	.1												44	44	25	13
66/ 65	1.2	4.2	1.6	1.2	.7													60	60	47	38
64/ 63	1.8	5.2	2.1	.7	.3													68	68	55	59
62/ 61	1.0	3.3	1.5	1.0	.6	.4												53	53	49	48
60/ 59	.6	1.9	2.4	.6	.9													43	43	55	33
58/ 57	.4	3.4	2.4	1.3														51	51	39	34
56/ 55	.3	5.8	3.0	.6														65	65	52	46
54/ 53	1.5	2.5	2.8	.9	.3													54	54	75	69
52/ 51	.1	2.2	1.3	1.8	.7	.3												44	44	50	51
50/ 49		.7	1.8	1.9	.3	.3												34	34	33	32
48/ 47		1.9	2.2	.4	.7													36	36	22	35
46/ 45		1.8	2.5	1.0	.3	.6												42	42	42	35
44/ 43		.1	.6	.9	.1													12	12	44	19
42/ 41		.7			.1													6	6	20	29
40/ 39			.1	.3														3	3	21	34
38/ 37			.4															3	3	7	23
36/ 35				.4	.3													5	5	9	12
34/ 33																				2	4
32/ 31																				1	11
30/ 29																				3	10
28/ 27																				1	8
26/ 25																					2
24/ 23																					2
22/ 21																					4
20/ 19																					2
18/ 17																					1
16/ 15																					1
14/ 13																					1
TOTAL	7.6	39.2	31.0	13.6	6.6	2.1													671		671
																		671		671	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4590494	54748	81.6	13.578	671							
Dry Bulb	2266429	38619	57.6	8.079	671			11.5	.9			84
Wet Bulb	2045209	36567	54.5	8.847	671		.6	9.5				84
Dew Point	1872698	34684	51.7	10.919	671		5.3	3.5				84

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73		.3	.1															3	3		
72/ 71	.6	1.7	1.5															30	30	13	5
70/ 69	.6	2.4	1.5	.5	.8	.4												49	49	28	14
68/ 67	.4	1.8	2.7	.5	.6													47	47	32	38
66/ 65	.8	3.3	1.3	1.7	.3	.3												59	59	38	31
64/ 63	1.9	5.1	2.9	.5	.4		.1											86	86	68	59
62/ 61	.8	4.9	1.2	.9	.6	.1												66	66	63	61
60/ 59	.4	3.1	2.1	1.4	.3													56	56	76	44
58/ 57	.3	3.8	2.1	.9	.1													56	56	46	61
56/ 55	.8	4.1	2.3	1.2	.1	.1												67	67	61	62
54/ 53	.3	2.4	2.4	1.3	.3	.1												53	53	65	43
52/ 51	.5	1.4	2.3	2.1														49	49	55	58
50/ 49		1.3	1.9	1.3	.5													39	39	31	36
48/ 47		1.7	2.1	1.8	.6													48	48	40	48
46/ 45		.8	2.2		.3	.1												26	26	51	33
44/ 43		.4	.6	.5	.3	.1												15	15	40	27
42/ 41		.4	.4	.1	.5													11	11	27	37
40/ 39			.8	.6														11	11	12	35
38/ 37			.3	.3														4	4	7	23
36/ 35				.1														1	1	13	15
34/ 33			.1	.4														4	4	7	6
32/ 31																				2	9
30/ 29																				2	11
28/ 27																				3	5
26/ 25																					3
24/ 23																					3
22/ 21																					7
20/ 19																					3
14/ 13																					3
TOTAL	7.3	38.6	30.8	16.0	5.6	1.3	.1												780		780
																		780		780	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5327171	63645	81.0	13.115	780							
Dry Bulb	2677682	45234	58.0	8.361	780			13.9	.5			84
Wet Bulb	2416532	42834	54.9	9.084	780		.8	7.9				84

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

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DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — FEB MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
82/ 81				.1	.4													4	4		
80/ 79			.2	.5			.2											8	8		
78/ 77			.2	.6	.7													13	13		
76/ 75		.5	.8	.8	1.2	.5												32	32	4	1
74/ 73	.2	.8	1.2	2.5	1.0	.6	.5											57	57	15	4
72/ 71	.1	.8	2.4	3.0	.8	.8	.5											71	71	25	17
70/ 69	.4	.8	3.2	1.6	1.3	.2	.4											66	66	42	27
68/ 67	.2	1.4	2.5	1.9	1.6	1.0	.4											75	75	67	35
66/ 65	.1	1.0	2.0	2.6	2.0	1.6	.1		.1									80	80	75	44
64/ 63	.1	2.3	1.7	2.2	1.9	1.0	.4	.1										80	80	57	86
62/ 61	.7	1.6	1.2	1.6	1.9	1.3	.1	.1										71	71	78	63
60/ 59	.2	.6	1.0	1.3	.5	.1	.4	.1										35	35	69	46
58/ 57		1.1	1.4	2.3	1.1	.8	.4	.1										60	60	57	52
56/ 55		.7	.8	1.7	1.0	.5	.4											42	42	72	52
54/ 53		.2	1.0	1.2	1.0	.6	.2											35	35	41	50
52/ 51		.2	.6	1.9	.7	.1		.1										31	31	49	39
50/ 49		.1	1.0	.8	1.0													24	24	30	55
48/ 47			.5	.7	.2	.1	.1											14	14	42	50
46/ 45			.4	.1	.6	.2	.1											12	12	37	34
44/ 43			.4	.5		.2												9	9	25	25
42/ 41			.2	.4	.2	.1												8	8	16	22
40/ 39			.2															2	2	3	27
38/ 37					.1													1	1	11	23
36/ 35					.1													1	1	10	22
34/ 33																				3	13
32/ 31																				1	8
30/ 29																				2	10
28/ 27																					11
26/ 25																					2
24/ 23																					1
22/ 21																					1
20/ 19																					2
18/ 17																					4
16/ 15																					5

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.2	12.3	23.1	28.4	19.4	9.9	4.1	.6	.1									831	831	831	831

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4367171	59009	71.0	14.602	831							84
Dry Bulb	3390228	52606	63.3	8.505	831			33.0	11.5	.7		84
Wet Bulb	2846262	48048	57.8	9.061	831		.3	15.5	1.9			84
Dew Point	2672205	46283	55.7	10.038	831		4.4	8.5	.5			84

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87										.1								1	1		
86/ 85							.1	.2	.1									4	4		
84/ 83							.1		.1									2	2		
82/ 81				1.0	.1	.1	.6		.1									16	16		
80/ 79		.1	.4	.5	.7	1.0	1.0	.6										35	35		
78/ 77		.1	.1	1.3	.8	.8	1.1	.4		.1								40	40	1	
76/ 75		.5	.5	1.7	2.2	1.0	.8	.4	.2									60	60	14	2
74/ 73		.7	.8	3.8	1.2	1.4	.7	.2	.1									76	76	12	8
72/ 71		.1	1.1	2.9	2.9	1.2	.2	.2										72	72	39	12
70/ 69		.8	1.9	.4	3.7	2.6	.8	.5										90	90	49	22
68/ 67	.1	.5	1.4	1.0	2.0	2.5	1.0	.7	.2									79	79	97	38
66/ 65	.1	.6	.5	1.8	1.2	2.4	1.3	.4	.4									72	72	74	51
64/ 63	.4	1.3	.5	1.7	2.4	2.4	1.0	1.0	.5									92	92	63	97
62/ 61		.4	.5	.8	1.4	1.0	.8	1.2	.5									55	55	65	52
60/ 59		.4	.5	.1	1.3	1.2	.4	1.0	.2									42	42	08	52
58/ 57		.4	.2	.8		.7	.7	.1	.1									26	26	67	48
56/ 55		.1		.4	.5	.7	.4	.4	.4									23	23	65	62
54/ 53				.1	1.1		.4	.1	.1									15	15	46	47
52/ 51				.2	.5	.2	.1	.1										10	10	39	37
50/ 49			.1	.2	.6	.1	.1											10	10	29	42
48/ 47				.2		.1	.1											4	4	32	53
46/ 45			.2		.1	.5												7	7	30	30
44/ 43			.4			.1												4	4	12	26
42/ 41																				15	16
40/ 39																				10	21
38/ 37																				5	26
36/ 35																				2	19
34/ 33																				1	17
32/ 31																					18
30/ 29																					10
28/ 27																					6
26/ 25																					5
24/ 23																					4
22/ 21																					4

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

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

SAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					6
18/ 17																					3
16/ 15																					1
TOTAL	.6	6.0	9.1	18.9	22.8	20.1	11.7	7.4	3.1	.2								835	835		835
																		835		835	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3406933	51667	61.9	15.866	835							
Dry Bulb	3855234	56364	67.5	7.786	835			47.8	23.5	4.3		84
Wet Bulb	3021118	49714	59.5	8.570	835			21.3	2.7			84

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — FEB MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1	.2									3	3		
84/ 83					.1			.1	.1	.1								4	4		
82/ 81				.4	.4	.5	.2	.6	.1									18	18		
80/ 79			.1	.8	.1	.5	.6	.5	.2									24	25		
78/ 77		.1	.2	.2	.2	.2	.7	.1	.4									19	19		
76/ 75		.4	1.2	1.7	.8	.7	.5	.5	.1									49	49	6	1
74/ 73	.1	1.1	1.4	4.9	1.4	.8	.5	.2	.5									92	92	19	2
72/ 71		.5	1.0	3.4	1.9	1.7	.4	.4	.4	.1								85	85	34	19
70/ 69	.1	1.1	2.2	2.9	1.9	1.4	.5	.4										87	87	48	33
68/ 67	.1	.4	.8	1.6	1.7	1.0	1.2	.4	.5									63	63	83	31
66/ 65		.8	1.8	1.4	2.7	2.7	.8	.2	1.0									95	95	80	53
64/ 63		1.1	.7	2.0	1.9	1.4	.8	.7	.1	.2								76	76	79	79
62/ 61	.2	.5	.7	1.0	3.0	1.4	.6	1.0	.4									73	73	68	61
60/ 59		.4	1.1	.5	.6	.6	.5	1.2	.1	.1								42	42	52	61
58/ 57		.1	.6	.7	.7	.6	.4	.4	.4	.1								33	33	50	47
56/ 55		.2	.5	.1	.7	1.0	.2											23	23	04	50
54/ 53				.1	.8	.1	.5	.2										15	15	50	55
52/ 51		.2		.2	.5		.1											9	9	37	41
50/ 49		.1		.2	.1	.2	.1											7	7	31	48
48/ 47				.2	.4	.1												6	6	33	51
46/ 45		.1	.4	.1														5	5	28	33
44/ 43				.1														1	1	14	16
42/ 41			.1															1	1	13	21
40/ 39																				8	23
38/ 37																				3	16
36/ 35																					24
34/ 33																					21
32/ 31																					8
30/ 29																					8
28/ 27																					13
26/ 25																					4
24/ 23																					3
22/ 21																					3
20/ 19																					3

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					1
14/ 13																					1
TOTAL	.6	7.1	13.5	22.8	20.1	15.1	8.7	7.0	4.5	.7								830	831	830	830

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3611025	52979	63.8	10.034	830							
Dry Bulb	3787200	55760	67.1	7.421	831			45.0	21.2	3.7		84
Wet Bulb	3000221	49435	59.6	8.209	830			19.2	2.5			54

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.2	.2	.1		.1										6	6		
78/ 77			.4		.2	.1	.1											7	7		
76/ 75		.8	.4	.6	.7	.5	.1											26	26		
74/ 73		.8	1.3	2.5	.6	.6												49	49	13	
72/ 71	.1	1.8	3.1	2.2	.4	.4	.1	.1										68	68	20	15
70/ 69	.1	1.0	5.0	3.1	1.3	.4	.6	.1										97	97	39	30
68/ 67	.6	1.3	3.1	1.6	2.4	1.1	.4	.4										90	90	76	29
66/ 65	.1	1.3	2.3	2.3	1.9	.7	.4	.2										77	77	86	58
64/ 63	.1	2.4	1.4	2.9	1.6	.2	.2	.2										76	76	68	88
62/ 61		1.1	2.0	2.0	1.0	1.3	.7											68	68	67	65
60/ 59	.4	1.8	1.8	1.8	.7	1.1	1.1	.1										73	73	60	51
58/ 57		.5	1.6	1.7	1.8	1.4	.5	.1										63	63	89	49
56/ 55		.7	1.7	1.2	.5	.8	.5	.1	.1									47	47	55	62
54/ 53		.2	.7	.6	1.3	.6	.1											30	30	58	58
52/ 51		.5	.1	1.2	.8		.5											26	26	43	48
50/ 49			.2	.1	.1	.1												5	5	48	47
48/ 47			.2	.2	.2	.2												8	8	29	30
46/ 45			.7	.5		.1												11	11	37	37
44/ 43			.2		.1	.1												4	4	13	20
42/ 41																				18	27
40/ 39			.2															2	2	9	20
38/ 37			.1															1	1	1	31
36/ 35																				4	26
34/ 33																				1	14
32/ 31																					9
30/ 29																					6
28/ 27																					7
26/ 25																					3
22/ 21																					2
20/ 19																					1
18/ 17																					1
TOTAL	1.4	14.3	26.7	24.7	15.9	10.0	5.3	1.6	.1										834		834
																		834		834	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4432520	59470	71.3	15.178	834							
Dry Bulb	3447469	53275	63.9	7.294	834			34.5	8.9	.1		84
Wet Bulb	2898923	48695	58.4	8.181	834			14.9	1.3			84

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76/ 75		.7	.6	.4														14	14		
74/ 73		.4	.2	1.0	.5	.4												20	20	6	
72/ 71	.2	1.7	3.5	1.4	.1													58	58	15	9
70/ 69	.1	1.3	4.6	1.1	.7	.1												66	66	23	20
68/ 67	.4	2.2	4.7	1.6	1.6	1.0	.2											96	96	58	27
66/ 65	.5	2.5	1.7	1.6	1.9	.1	.1											70	70	91	55
64/ 63	.8	4.1	1.9	3.1	1.3													94	94	72	95
62/ 61	.2	1.3	3.3	1.2	.7	.5	.1											61	61	61	61
60/ 59		2.4	1.7	1.3	.8	.1		.2										55	55	59	46
58/ 57	.1	3.1	2.5	2.2	1.7	.2	.1											83	83	96	42
56/ 55		1.6	1.6	2.3	1.3	1.2												66	66	56	78
54/ 53		.7	1.1	1.6	1.3	.2	.5											45	45	55	64
52/ 51		1.0	.7	1.3	1.3	.4	.1											40	40	49	63
50/ 49			.8	1.2	.4	.1												21	21	49	38
48/ 47			.6	.2	.2	.1	.1											11	11	34	24
46/ 45		.1	.7	.5	.4													14	14	35	42
44/ 43			1.0															8	8	32	21
42/ 41						.2												2	2	14	29
40/ 39					.1													1	1	16	27
38/ 37			.4															3	3	1	20
36/ 35																				1	27
34/ 33																				3	16
32/ 31																				2	3
30/ 29																					6
28/ 27																					9
26/ 25																					2
22/ 21																					1
18/ 17																					2
16/ 15																					1
TOTAL	2.4	23.2	31.6	22.0	14.5	4.7	1.3	.3											828		828
																		828		828	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4929414	62846	75.9	13.881	828
Dry Bulb	3190563	51031	61.6	7.412	828

Mean No. of Hours with Temperature						
≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
		25.8	8.4			84

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

ETAC

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-74 YEARS — MAR MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79				.1														1	1		
78/ 77			.1	.1														2	2		
76/ 75			.3															2	2		
74/ 73		1.6	1.3	1.2														31	31	3	
72/ 71	1.2	4.5	3.2	.9	.4													76	76	42	17
70/ 69	.4	3.8	7.6	1.5	.4	.3												103	103	44	59
68/ 67	.5	4.0	6.6	1.2	1.3	.7												107	107	85	34
66/ 65	2.0	4.7	4.5	.9	1.5	.5												105	105	115	98
64/ 63	1.3	4.9	2.7	2.3	1.2	1.1	.1											101	101	93	118
62/ 61	.9	2.7	2.4	.8	.7	.4												59	59	77	64
60/ 59	.7	1.5	1.1	.3	.3	.1												29	29	63	71
58/ 57		.5	1.1	.8	.1													19	19	55	38
56/ 55	.1	.8	1.5	.7	.4	.5												30	30	29	44
54/ 53		1.2	1.1	1.8	.3	.3	.1											35	35	27	29
52/ 51			.4	.5	1.1													15	15	31	34
50/ 49		.1	1.3	.3	.3													15	15	13	21
48/ 47		.1	.1	.3	.1													5	5	26	25
46/ 45		.1	.3															3	3	21	22
44/ 43				.1														1	1	10	19
42/ 41		.1																1	1	3	12
40/ 39		.1																1	1	2	7
38/ 37																				2	9
36/ 35																					13
34/ 33																					4
32/ 31																					1
30/ 29																					1
28/ 27																					1
TOTAL	7.3	30.9	35.6	13.9	8.1	3.9	.3												741		741
																		741		741	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5084349	60675	81.9	12.527	741							
Dry Bulb	3117517	47833	64.6	6.346	741			40.4	4.5			93
Wet Bulb	2806969	45295	61.1	7.187	741			21.9	.4			93

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

AFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-75 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77			.3															2	2		
76/ 75			.1															1	1		
74/ 73		1.2	.3															11	11	2	1
72/ 71	.6	4.6	1.9	.1	.3													57	57	30	16
70/ 69	1.4	4.9	4.2	.5	.5													85	85	53	56
68/ 67	1.4	4.6	3.8	.3	1.2	.1												84	84	66	45
66/ 65	2.6	5.3	3.8	.3	.5	.5												96	96	96	77
64/ 63	3.9	7.7	3.5	2.6	1.9	.5	.1	.3										152	152	94	113
62/ 61	1.4	3.5	1.6	.8	.4	.3	.3											61	61	84	70
60/ 59	.8	3.1	.9	.3														38	38	68	63
58/ 57	.3	1.5	1.2	.3		.3	.1											27	27	58	42
56/ 55	.8	1.1	1.5	.5	.1													30	30	49	52
54/ 53		.8	1.3	1.1	.3	.3	.4											32	32	21	33
52/ 51		.5	.8	.4	.4	.1	.1											18	18	21	30
50/ 49			.8	.7														11	11	21	28
48/ 47		.4	.9	.7	.1													16	16	19	13
46/ 45		.5	.3	.5	.1													11	11	22	17
44/ 43			.4															3	3	17	18
42/ 41				.1														1	1	7	10
40/ 39		.1	.1	.1														3	3	6	9
38/ 37		.1																1	1	3	8
36/ 35																				3	11
34/ 33																					6
32/ 31																					6
30/ 29																					4
28/ 27																					3
26/ 25																					1
TOTAL	13.2	40.0	28.0	9.3	5.9	2.2	1.1	.3											740		740
																		740		740	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5420885	62565	84.5	13.323	740
Dry Bulb	2977528	46676	63.1	0.724	740
Wet Bulb	2729832	44586	60.3	7.669	740
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
			30.2	1.8			93
			19.0	.3			[illegible]

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79			.3															3	3		
76/ 75			.3															3	3	3	
74/ 73		1.1	1.2	1.0	.1	.1												32	32	2	3
72/ 71	1.0	4.8	3.2	1.5	.2	.3												99	99	37	23
70/ 69	1.0	4.7	4.5	.8	1.0	1.0	.1											117	117	71	65
68/ 67	1.1	2.9	4.0	1.3	1.0	.1	.1											95	95	108	62
66/ 65	1.8	4.6	2.7	1.1	.8	.2												100	100	94	89
64/ 63	2.9	6.3	3.6	2.2	.9	.6	.1											148	148	102	126
62/ 61	1.7	3.2	1.7	.6	.1	.4												69	69	106	78
60/ 59	.8	2.3	2.7	.7	.3	.2												63	63	97	76
58/ 57	.1	1.8	1.0	.3	.1	.3	.1											34	34	65	69
56/ 55	.2	1.6	.7	1.1	.2	.1												35	35	58	62
54/ 53		.2	.3	1.0	.2	.1	.2											19	19	25	53
52/ 51		.3	.9	.8		.2												20	20	13	37
50/ 49		.3	.6	1.0	.1	.2												20	20	24	19
48/ 47		.3	.8	.2	.1	.1												14	14	27	14
46/ 45		.1	.1	.7	.1													9	9	14	15
44/ 43			.4	.6														9	9	20	23
42/ 41																				4	20
40/ 39		.1		.2														3	3	17	13
38/ 37		.1		.1														2	2	3	9
36/ 35		.1																1	1	1	10
34/ 33																				4	9
32/ 31																					11
30/ 29																					2
28/ 27																					3
26/ 25																					3
22/ 21																					1
TOTAL	10.6	35.0	29.1	15.2	5.4	4.1	.7											895	895	895	895

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6311973	74217	82.9	13.277	895							
Dry Bulb	3682083	57057	63.8	7.067	895			36.3	3.9			93
Wet Bulb	3340355	54229	60.6	7.812	895			23.0	.5			93
Dew Point	3113925	52089	58.2	8.397	895		2.1	15.5	.3			93

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

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

Ten (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 85							.1											1	1		
84/ 83					.1	.5	.4											10	10		
82/ 81					.9	.7	.3											17	17		
80/ 79			.3	1.2	1.2	.5	.1	.1	.1									33	33		
78/ 77			1.1	1.7	2.0	.3	.4	.1										52	52		
76/ 75		.8	2.8	3.8	2.6	.9	.3		.1									104	104	6	1
74/ 73		2.0	2.2	2.8	1.4	1.7	1.1	.7										115	115	56	8
72/ 71	.1	1.1	3.6	3.9	2.2	2.2	1.3	.2										134	134	94	50
70/ 69	.1	1.6	2.3	2.6	1.8	2.0	.7	.2	.1	.1								103	103	101	76
68/ 67	.7	.5	2.2	3.8	1.4	.8	.3	.1										90	90	104	87
66/ 65	1.1	1.2	1.4	1.6	1.3	.9	.4											73	73	90	101
64/ 63	.1	.8	1.2	1.0	1.0	1.2		.4										52	52	101	90
62/ 61	.1	.3	.2	.8	.9	.3	.3	.2	.1									30	30	107	59
60/ 59		.1	.4	.4	.5	.4	.2	.2										22	22	61	70
58/ 57		.2	.3	.5	.9	.4	.2											24	24	38	69
56/ 55			.1	.2	.5	.4		.2										14	14	35	60
54/ 53		.1		.4	.3	.2	.1											11	11	26	37
52/ 51			.4	.1	.5	.4	.2											16	16	14	34
50/ 49		.1	.1	.1		.3												6	6	23	28
48/ 47				.4	.3													7	7	19	21
46/ 45			.1		.1	.1												3	3	15	29
44/ 43			.1		.1													2	2	9	15
42/ 41																				12	12
40/ 39					.1													1	1	6	13
38/ 37																					14
36/ 35																				2	10
34/ 33																				1	7
32/ 31																					1
30/ 29																					0
28/ 27																					9
26/ 25																					4
22/ 21																					2
20/ 19																					1

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

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

U.S. GOVERNMENT PRINTING OFFICE—1974 782-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	2.2	9.5	18.0	25.5	20.2	14.3	6.6	2.5	.4	.1								920	920	920	920

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4738191	64655	70.3	14.545	920							
Dry Bulb	4467364	63762	69.3	7.245	920			66.6	33.0	3.4		93
Wet Bulb	3719520	58046	63.1	7.889	920			36.5	6.3			93
	[illegible]	54039	58.7	10.372	920		2.3	22.4	.9			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89										.4								4	4		
88/ 87							.3	.1	.9	.2								14	14		
86/ 85						.3	.1	.3	.4		.1							12	12		
84/ 83					.2	.2	.5	.6										15	15		
82/ 81				.3	1.0	.9	1.7	.6	1.0	.2								53	53		
80/ 79			.3	1.4	.6	.8	.2	.6	.2	.1								40	40		
78/ 77			1.6	2.9	3.9	.8	.2	.5	.2	.2								96	96	1	
76/ 75		.3	3.6	2.8	3.5	1.3	1.4	.5	.5	.1								130	130	14	1
74/ 73		.6	2.2	3.1	2.3	1.3	1.9	.6	.1	.1								120	120	67	7
72/ 71		.5	1.4	2.2	2.9	1.9	1.1	.5	.2		.2							102	102	117	54
70/ 69	.3	.5	1.9	3.4	2.5	1.6	1.4	.8										115	115	101	83
68/ 67	.2	.4	1.4	2.1	1.8	1.0	.6	.3	.2	.1								76	76	106	68
66/ 65	.1	.2	.1	.3	.1	1.5	.1	.3	.2	.2								30	30	94	107
64/ 63	.1	.4	.1	.2	.5	.8	.9	.8	.1	.2								38	38	110	96
62/ 61	.2	.4		.5	.1	1.1	.6		.1									29	29	94	74
60/ 59					1.0	.8	.2		.1									19	19	47	70
58/ 57					.1	.2	.1	.4	.3									11	11	35	69
56/ 55				.2		.3	.3	.1										9	9	35	52
54/ 53				.2		.4	.3											9	9	13	31
52/ 51																				35	34
50/ 49							.2											2	2	20	34
48/ 47																				8	24
46/ 45						.1												1	1	9	23
44/ 43																				12	13
42/ 41																				4	19
40/ 39																					12
38/ 37																				2	12
36/ 35																				1	10
34/ 33																					4
32/ 31																					3
30/ 29																					5
28/ 27																					7
26/ 25																					7
24/ 23																					2

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

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

SAFETAC

U.S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — MAR MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					1
18/ 17																					3
TOTAL	1.0	3.6	12.5	19.7	20.5	15.8	12.4	7.5	4.6	1.9	.3							925	925	925	925

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4020881	59211	64.0	15.800	925							
Dry Bulb	4879109	66891	72.3	6.735	925			78.1	48.7	11.1		93
Wet Bulb	4461025	59971	64.8	7.086	925			40.8	8.2			93

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

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DATA PROCESSING BRANCH
4 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89										.3	.3							6	6		
88/ 87							.4		.3	.4								11	11		
86/ 85						.2		.2	.5	.2	.2							13	13		
84/ 83							.4	1.1	.3	.2								19	19		
82/ 81					.4	.2	.7	.4	1.4	.3								32	32		
80/ 79			.4	1.6	.3	.7		.2	.3		.1							34	34		
78/ 77		.1	2.0	1.4	2.2	.3	.4	.1										60	60		
76/ 75		.9	3.9	3.6	3.4	.7	.4		.2	.3								123	123	11	1
74/ 73		1.4	2.1	3.9	3.7	2.2	1.1	.5	.2		.1							140	140	65	7
72/ 71	.2	.3	2.4	3.0	2.4	1.5	1.5	.3										108	108	97	63
70/ 69	.2	1.2	2.0	2.5	2.3	1.7	1.2	.5	.2	.3								118	118	104	75
68/ 67		.9	2.1	2.8	1.5	2.3	.9	.4			.2							102	102	119	56
66/ 65	.4	.3	.4	.3	.5	.5	.1	.1	.2	.1								29	29	117	95
64/ 63	.2	.8	.2	.2	.8	.9	.8	.3		.2	.1							41	41	107	112
62/ 61		.7	.2	.1	.5	1.2	.4	.1	.3									33	33	71	95
60/ 59			.3	.3	1.0	.2		.3										20	20	54	74
58/ 57			.2	.2	.5	.4	.1	.5										19	19	49	69
56/ 55			.1	.1	.4	.1	.1											8	8	24	38
54/ 53				.1	.2													3	3	25	32
52/ 51								.3										3	3	30	41
50/ 49																				17	30
48/ 47																				11	25
46/ 45																				15	24
44/ 43																				3	17
42/ 41																					19
40/ 39																				3	10
38/ 37																					10
36/ 35																					4
34/ 33																					1
32/ 31																					2
30/ 29																					7
28/ 27																					9
26/ 25																					1
24/ 23																					1

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					1
18/ 17																					3
TOTAL	1.1	6.5	16.9	20.3	20.2	13.1	8.6	5.6	4.1	2.5	1.1							922	922	922	922

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4296380	61102	66.3	16.379	922							
Dry Bulb	4781700	66122	71.7	8.566	922			77.3	44.2	9.0		93
Wet Bulb	3840064	59154	64.2	6.978	922			39.9	7.7			93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-70 YEARS — MAR MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87										.1								1	1		
86/ 85								.1										1	1		
84/ 83					.1	.1	.2	.2	.1									7	7		
82/ 81						.5	.5	.1	.2		.1							14	14		
80/ 79				.2	.3	.7	.4	.4										19	19		
78/ 77		.1	.1	.4	.7	.3	.5		.1									21	21		
76/ 75		1.4	1.6	1.3	1.5	.9	.2		.1									65	65	3	
74/ 73	.1	3.1	3.1	6.1	.9	.8	.1		.3									132	132	26	8
72/ 71	.1	3.1	3.1	4.8	1.7	.8	.2	.1	.1									128	128	81	45
70/ 69		2.2	5.1	2.6	1.2	1.6	.9	.1	.1	.1								128	128	90	51
68/ 67		2.3	3.5	2.4	1.6	1.2	.3	.1	.1									106	106	133	60
66/ 65	.6	2.0	3.6	1.4	1.9	1.0	.3	.1										101	101	136	133
64/ 63	.3	1.7	.2	1.4	1.5	1.1	.2	.3	.1									64	64	112	129
62/ 61	.4	.3	.5	.4	1.1	.5	.1	.1		.1								34	34	75	99
60/ 59		.1	.4	.2	.6	1.1	.4		.1									29	29	45	78
58/ 57		.2	.7	.7	.4	.1	.1	.2										22	22	57	41
56/ 55		.1	.2	.4	.2	.6	.3											19	19	36	31
54/ 53		.2	.5	.7	.4	.2	.1											20	20	31	43
52/ 51			.1	.1				.1										3	3	29	35
50/ 49						.1	.1											2	2	24	26
48/ 47																				17	31
46/ 45																				8	32
44/ 43																				10	10
42/ 41																					18
40/ 39																				3	10
38/ 37																					8
36/ 35																					9
34/ 33																					5
32/ 31																					2
30/ 29																					2
28/ 27																					4
26/ 25																					2
24/ 23																					2
22/ 21																					1

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

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

☆ U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					1
TOTAL	1.7	16.5	22.8	23.3	14.4	11.8	5.2	2.1	1.4	.3	.1								916		916
																		916		916	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5075900	66704	72.8	15.451	916							
Dry Bulb	4367808	63002	68.8	6.146	916			63.2	26.4	2.9		93
Wet Bulb	3692314	57812	63.1	6.902	916			33.8	2.9			93

AFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

☆ U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79				.1		.1												2	2		
78/ 77			.1	.4	.2	.1												8	8		
76/ 75		.6	1.2	1.7	.6	.1												37	37		
74/ 73	.2	2.9	1.8	4.6	1.2	.1	.1	.1										99	99	12	3
72/ 71	.4	3.6	4.7	4.1	1.9	.2	.2											136	136	67	30
70/ 69	.2	2.8	6.8	2.9	1.3	2.0	.2	.1										147	147	67	60
68/ 67		2.4	4.6	1.7	1.0	.7												92	92	136	58
66/ 65	1.1	3.6	3.4	1.3	1.6	.9	.1											107	107	129	125
64/ 63	.7	2.4	1.9	2.4	1.7	.4	.1											85	85	123	137
62/ 61	.9	.8	1.1	1.1	1.0	.1	.1											46	46	78	101
60/ 59	.2	.1	.7	.8	.8	.4	.1											28	28	56	58
58/ 57		1.0	.4	.9	.7	.6		.1										33	33	61	44
56/ 55			1.3	.8	.7	.3	.2											30	30	35	43
54/ 53		.4	.7	.6	.6		.1											21	21	27	47
52/ 51			.4	.2	.6	.2												13	13	31	33
50/ 49			.1	.2	.2													5	5	22	33
48/ 47					.1													1	1	22	30
46/ 45																				10	25
44/ 43				.2														2	2	11	10
42/ 41																				2	16
40/ 39																				1	7
38/ 37																				2	13
36/ 35																					6
34/ 33																					3
32/ 31																					2
30/ 29																					1
28/ 27																					4
26/ 25																					1
TOTAL	3.0	20.5	29.4	24.1	14.1	6.4	1.3	.3										892	892	892	892

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5495481	68987	77.3	13.403	892							
Dry Bulb	4023532	59664	66.9	6.061	892			54.3	15.2	.1		93
Wet Bulb	3516210	55666	62.4	6.892	892			29.4	1.3			93
Dew Point	3201832	52856	59.3	8.852	892		.8	15.7	.3			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-74 YEARS — APR MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.6	.4		.1												8	8		
78/ 77			1.2	.4														11	11		
76/ 75	.6	3.4	3.6	1.3	.9													66	66	8	7
74/ 73		3.7	4.2	5.7	.6	.9												103	103	39	20
72/ 71		5.5	7.0	6.1	3.7	2.7	.4											171	172	75	43
70/ 69	.4	3.1	4.2	5.5	1.8	2.5	1.3											127	127	86	79
68/ 67	.4	3.3	2.8	1.8	1.9	.7	.3	.3										78	78	118	64
66/ 65	.4	2.4	1.6	1.5	.9	.7												52	52	89	105
64/ 63	.3	.4	.4	1.2	1.5	.4	.4											32	33	101	80
62/ 61		.1		.4	.4													7	7	53	70
60/ 59				.4														3	3	39	38
58/ 57			.1		.1													2	2	27	33
56/ 55				.6	.3													6	6	13	44
54/ 53				.7														5	5	8	22
52/ 51																				3	24
50/ 49																				12	12
48/ 47																					8
46/ 45																					10
44/ 43																					7
42/ 41																					2
40/ 39																					3
TOTAL	2.2	22.1	26.2	26.2	12.2	8.2	2.5	.3											673		671
																		671		671	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4173219	52225	77.8	12.723	671							
Dry Bulb	3334087	47291	70.3	4.046	673			75.6	25.1			90
Wet Bulb	2910127	[illegible]	[illegible]	[illegible]	671			[illegible]	[illegible]			[illegible]

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77			.1															1	1		
76/ 75	.4	3.0	1.5		.1													34	34	3	3
74/ 73	1.2	5.2	2.4	2.5	.6	.3												82	82	34	27
72/ 71	.7	5.2	5.9	3.3	3.0	2.2	.4											140	140	67	46
70/ 69	1.9	5.1	7.1	2.4	2.8	2.4	1.3											155	155	68	63
68/ 67	1.2	3.9	5.3	1.2	1.0	.7	.6											94	94	112	61
66/ 65	1.3	4.3	1.6	1.5	.9	.7	.1											71	71	106	96
64/ 63	1.2	1.9	1.5	1.5	.3	.3												45	45	99	106
62/ 61	.3	.4	1.5	.7	.3	.1												23	23	60	53
60/ 59			.3	1.0	.4	.1												13	13	44	45
58/ 57																				34	39
56/ 55			.4	.1	.1	.1												6	6	16	42
54/ 53			.4	.4	.1													7	7	11	21
52/ 51			.1															1	1	6	19
50/ 49			.1															1	1	6	14
48/ 47																				5	14
46/ 45																				2	12
44/ 43																					6
42/ 41																					3
40/ 39																					1
38/ 37																					2
TOTAL	8.3	29.0	28.5	14.7	9.8	7.1	2.5											673	673		673
																		673		673	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	455387	54589	81.1	13.693	673							
Dry Bulb	3200525	46323	68.8	4.241	673			67.7	15.6			90
Wet Bulb	2860978	43732	65.0	5.351	673			38.0	4.9			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — APR MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
80/ 79			.3	.1														4	4		
78/ 77			.5	.5	.2	.1												11	11		
76/ 75		3.0	1.5	2.1	1.2	.8	.5											78	76	4	1
74/ 73	1.0	3.8	2.4	3.0	2.0	2.5	.6	.1										134	134	47	31
72/ 71	.9	3.9	5.2	2.6	1.6	2.1	.8	.2										151	151	84	58
70/ 69	1.5	4.7	7.1	4.1	2.9	2.2	.9	.1										205	205	83	67
68/ 67	.5	2.9	3.8	1.3	1.3	1.0	.3	.2										98	98	138	86
66/ 65	1.6	2.8	2.0	1.0	.8	.3	.5											78	78	152	130
64/ 63	.8	2.3	1.3	1.2	.3	.2												51	51	126	109
62/ 61	.1	.6	.9	.5	.2	.1												21	21	90	90
60/ 59	.1		.7	.2	.2	.2	.1											14	14	57	61
58/ 57			.1	.2	.2	.2												7	7	30	62
56/ 55				.2	.1	.2												5	5	19	50
54/ 53			.2	.1	.3	.1												8	8	14	33
52/ 51			.2															2	2	4	25
50/ 49			.1															1	1	8	20
48/ 47																				7	12
46/ 45																				5	12
44/ 43																					7
42/ 41																					2
40/ 39																					3
38/ 37																					8
36/ 35																					1
TOTAL	6.3	24.0	26.4	17.2	11.5	10.3	3.7	.7											868		868
																		868		868	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5520088	68070	78.4	14.486	868							
Dry Bulb	4214008	60354	69.5	4.487	868			70.6	23.5			90
Wet Bulb	3695167	56443	65.0	5.357	868			36.9	5.3			90
Dew Point	3395256	53918	62.1	7.284	868			25.2	3.3			90

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

U.S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — APR MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87						.1		.2										3	3		
86/ 85					.1	.2		.1	.2									6	0		
84/ 83				.2	.3	.8	.6	.7										23	23		
82/ 81			.3	1.7	1.1	1.2	1.3	.6										56	56		
80/ 79			1.0	3.7	2.5	2.3	1.2		.1									101	101	1	
78/ 77		.2	2.2	3.1	4.0	1.9	2.5	.4										129	129	6	
76/ 75		.7	1.6	4.9	4.1	3.2	3.5	1.2	.1	.1								174	174	38	10
74/ 73		1.0	2.2	4.3	2.9	2.5	3.0	1.3	.1		.1							156	156	100	28
72/ 71		1.1	2.2	2.7	2.2	2.3	1.5	.6	.6		.1							119	119	107	60
70/ 69	.1	1.1	.9	1.7	.9	1.5	.8	.3										65	65	152	93
68/ 67		.1	.3	.1	.4	.3	.3	.1										16	16	132	114
66/ 65		.1	.2	.1	.0	.2	.4	.1	.2									18	18	108	117
64/ 63	.1	.1	.4	.2	.1	.1	.1	.3										14	14	87	94
62/ 61				.1	.1	.2	.1	.1										6	6	61	81
60/ 59				.1		.4												5	5	50	63
58/ 57					.1													1	1	14	32
56/ 55					.1													1	1	12	49
54/ 53																				10	40
52/ 51					.1													1	1	4	32
50/ 49																				10	17
48/ 47																				1	8
46/ 45																				1	7
44/ 43																					9
42/ 41																					6
40/ 39																					5
38/ 37																					2
36/ 35																					4
34/ 33																					2
32/ 31																					1
TOTAL	.2	4.5	11.5	22.9	19.8	17.9	15.3	6.2	1.3	.1	.2							894	894		894
																		894		894	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4103150	59406	66.4	13.202	894							
Dry Bulb	5027699	66915	74.8	4.034	894			85.4	65.2	12.7		90
Wet Bulb	4052139	59993	67.1	5.420	894			54.0	14.6			90
Dew Point	3540193	55841	62.5	7.050	894		.1	30.7	3.8			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — APR MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.1				.1				2	2		
94/ 93									.1		.1							2	2		
92/ 91								.1		.4		.1						6	6		
90/ 89							.1	.3	.3	.4		.1						12	12		
88/ 87						.2	.2	.3	1.3	.6		.1						25	25		
86/ 85						.6	.4	.6	.3									17	17		
84/ 83				.1	.6	.4	1.0	.6		.1	.2							27	27		
82/ 81			.6	2.1	1.7	2.6	1.0	.4	.2									77	77		
80/ 79			.8	4.6	3.0	3.9	1.3	.8	.3	.1								133	133	2	
78/ 77		.1	1.7	4.4	3.5	3.4	3.8	1.2	.3	.1								165	165	14	1
76/ 75		.2	1.5	3.8	4.3	2.0	4.5	2.0	.4	.1								168	168	51	11
74/ 73		.3	1.5	2.1	3.2	3.1	2.8	.9	.4	.6	.1							135	135	111	29
72/ 71		.7	.2	1.8	.6	1.6	1.3	1.3	.2	.2								71	71	153	70
70/ 69			.7	.3	.2	.3		.1	.2	.2	.1							20	20	118	108
68/ 67		.1	.1		.6		.4	.2	.3	.2								18	18	108	101
66/ 65	.2			.3	.1		.2	.2										10	10	115	94
64/ 63						.2	.2	.1										5	5	85	101
62/ 61						.1												1	1	57	77
60/ 59																				34	47
58/ 57																				13	80
56/ 55																				12	50
54/ 53																				8	44
52/ 51																				11	14
50/ 49																				2	15
48/ 47																					15
46/ 45																					6
44/ 43																					10
42/ 41																					3
40/ 39																					8
38/ 37																					4
36/ 35																					2
34/ 33																					3
32/ 31																					1

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.2	1.5	6.9	19.6	17.7	18.5	17.4	9.3	4.7	3.2	.6	.3		.1				894	894	894	894

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3621939	55603	62.2	13.538	894							
Dry Bulb	5326569	68869	77.0	4.880	894			88.4	77.4	24.3	.4	90
Wet Bulb	4141687	60661	67.9	5.357	894			50.1	17.9			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.1				.2				3	3		
94/ 93										.1	.1							2	2		
92/ 91								.1	.4	.4				.1				10	10		
90/ 89								.1	.3	.2	.3	.1	.1					11	11		
88/ 87							.3	.4	.6	.9	.1							21	21		
86/ 85					.1	.1		.4	.3	.1								10	10		
84/ 83					.1	.4	.4	.3	.4	.1		.1						18	18		
82/ 81			.7	.2	1.2	.9	.2	.2	.2			.2						44	44		
80/ 79			2.3	3.6	3.9	2.3	1.0	.3	.7			.1						146	146		
78/ 77		.1	1.0	4.1	4.6	3.0	2.7	.3	.1									148	148	11	
76/ 75		.4	2.2	4.4	3.9	4.0	3.9	.9	.2									179	179	47	21
74/ 73		.2	1.2	2.3	3.1	2.2	3.2	1.1	.4	.3	.1							129	129	125	21
72/ 71	.2	.4	1.2	2.0	1.9	2.2	2.5	.8	.4		.2							107	107	127	78
70/ 69	.1	.1	.4	.8	.2	.3	.7	.0	.4		.1							34	34	133	103
68/ 67		.1	.4	.2	.2	.3	.3	.1	.2									13	18	101	107
66/ 65	.1	.1		.3			.1	.1										7	7	125	82
64/ 63				.2		.3		.1										6	6	76	89
62/ 61						.1												1	1	63	91
60/ 59																				39	66
58/ 57																				19	59
56/ 55																				12	49
54/ 53																				10	35
52/ 51																				6	24
50/ 49																					20
48/ 47																					13
46/ 45																					10
44/ 43																					10
42/ 41																					5
40/ 39																					0
38/ 37																					2
32/ 31																					3
TOTAL	.4	1.6	10.2	21.3	19.4	16.4	15.4	6.0	4.9	2.3	1.0	.6	.1	.3					894		894
																		894		894	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3823156	57036	63.8	14.368	894							
Dry Bulb	5244995	68337	76.4	4.889	894			88.6	72.6	16.8	.5	90
Wet Bulb	4122297	60527	67.7	5.227	894			54.8	18.4			90

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — APR MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89								.1	.1	.1			.1					4	4		
88/ 87									.2			.1						3	3		
86/ 85							.1	.1	.1	.1	.1							5	5		
84/ 83					.2	.2	.3	.4	.1									12	12		
82/ 81		.1		.2	.4	.2	.9	.2	.2	.1				.1				23	23		
80/ 79		.1	2.2	1.0	.9	.6	.3	.3										56	56	1	1
78/ 77		.9	2.9	4.1	2.2	1.5	.1		.1			.1						107	107	1	1
76/ 75		1.2	5.2	5.2	3.3	2.6	.3	.1			.1							160	160	39	15
74/ 73		1.5	3.5	5.6	3.0	4.0	1.2	.1	.1	.1								171	171	74	25
72/ 71		.9	3.1	4.0	3.5	3.9	1.5	.4	.3									158	158	128	75
70/ 69		.9	1.3	2.5	2.8	2.7	1.3	.3	.1		.1							108	108	135	96
68/ 67		.2	.0	.6	.7	.7	.9	.2		.1								35	35	115	105
66/ 65	.2	.1	.3	.3	.6	.9	.6	.2										29	29	116	80
64/ 63			.2	.4		.2	.3	.1	.1									13	13	93	103
62/ 61						.1	.1											2	2	78	77
60/ 59					.2	.2												4	4	35	65
58/ 57					.1													1	1	36	69
56/ 55				.1														1	1	19	53
54/ 53																				8	29
52/ 51																				7	26
50/ 49																				7	21
48/ 47																					8
46/ 45																					17
44/ 43																					13
42/ 41																					4
40/ 39																					3
38/ 37																					2
36/ 35																					1
32/ 31																					2
30/ 29																					1
TOTAL	.2	5.9	19.4	24.7	17.9	18.0	8.1	2.6	1.6	.6	.3	.2	.1	.1				892	892		892
																				892	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4452260	61780	69.3	13.949	892
Dry Bulb	4853698	65682	73.6	4.398	892
Wet Bulb	3993068	59486	66.7	5.407	892
Dew Point	3532612	55704	62.4	7.784	892

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
			85.0	54.6	5.5		90
			49.7	11.6			90
			32.1	4.2			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.5	.2	.2	.4											11	11		
80/ 79			1.1	.8	.2	.4	.2											23	23		
78/ 77		1.3	1.2	1.3	2.5	1.1	.1											63	63		
76/ 75		3.2	4.9	5.8	2.7	1.1	.2											151	151	29	15
74/ 73		1.8	4.5	5.0	3.3	2.4	.1	.1										145	145	57	20
72/ 71	.2	2.9	4.3	4.9	4.0	4.4	.5	.2		.1								186	186	101	54
70/ 69	.2	2.1	2.3	3.8	3.1	4.0	.5		.1									136	136	130	93
68/ 67	.1	.7	1.4	1.0	1.5	.8	.8	.4										57	57	128	95
66/ 65		.4	.8	.2	.4	1.2	.6											30	30	101	90
64/ 63		.1	.2	.4	.6	.7	.1	.2										20	20	114	92
62/ 61				.1	.5	.1												6	6	76	83
60/ 59			.1		.1	.1												3	3	30	77
58/ 57				.4		.1												4	4	22	43
56/ 55					.2													2	2	27	53
54/ 53				.4														3	3	11	29
52/ 51																				6	20
50/ 49																				5	17
48/ 47																				3	11
46/ 45																					22
44/ 43																					3
42/ 41																					4
40/ 39																					4
38/ 37																					1
36/ 35																					2
TOTAL	.6	12.5	20.8	24.5	20.1	16.7	3.6	1.0	.1	.1								840	840		840
																		840		840	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4593614	61162	72.8	12.931	840							
Dry Bulb	4377548	60544	72.1	4.051	840			82.7	42.1	1.4		90
Wet Bulb	3704660	55604	66.2	5.342	840			47.7	9.2			90
Dew Point	3330586	52528	62.5	7.391	840			20.7	4.4			90

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

USAFETAC

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81				.2	.2													2	2		
80/ 79			2.3	1.9	.6	.3												33	33		
78/ 77		.6	5.6	3.4	2.8	1.1	.3											89	89		
76/ 75	.5	4.3	11.0	9.4	6.0	1.5	.2	.2										214	214	24	9
74/ 73	.5	5.4	5.9	5.1	4.8	2.3												155	155	105	36
72/ 71	.3	2.2	4.0	4.2	1.1	.9	.3											84	84	143	105
70/ 69		.3	4.5	1.4	.5	.0	.3											49	49	130	108
68/ 67		.5	.9	.3	.3													13	13	107	106
66/ 65		.2	.2	.2	.2	.2												5	5	84	89
64/ 63				.3	.2													3	3	29	77
62/ 61																				10	50
60/ 59																				10	32
58/ 57																				5	9
56/ 55																					0
54/ 53																					5
52/ 51																					12
50/ 49																					1
TOTAL	1.2	13.4	34.3	26.3	16.5	7.0	1.1	.2										647	647		647
																		647		647	

Element (Y)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4012482	50520	78.1	10.238	647							
Dry Bulb	3566139	48001	74.2	2.765	647			91.9	70.9	.4		93
Wet Bulb	3119811	44869	69.3	3.558	647			73.2	18.5			93
Dew Point	2897619	43185	66.7	4.846	647			52.6	6.8			93

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 57-76 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79			.9	.8	.3													13	13		
78/ 77		1.4	4.0	1.8	.8	.3												54	54		
76/ 75		5.1	8.0	5.7	4.8	2.2												167	167	16	6
74/ 73	.8	6.9	5.4	7.1	2.6	2.2												162	162	82	37
72/ 71	.6	5.4	5.9	2.6	1.1	.6		.2	.2									107	107	134	94
70/ 69	.6	3.2	5.7	2.0	.6	.5	.5	.2										86	86	142	109
68/ 67		.3	2.5	.3		.2												21	21	101	109
66/ 65	.5	2.6	1.2	.3	.2													31	31	100	93
64/ 63			.3	.2	.3													5	5	42	91
62/ 61				.3														2	2	14	43
60/ 59			.2															1	1	6	32
58/ 57																				8	13
56/ 55																				4	8
54/ 53																					2
52/ 51																					5
50/ 49																					4
48/ 47																					1
46/ 45																					2
TOTAL	2.5	25.0	34.1	21.1	10.6	5.9	.5	.3	.2									649	649		649
																		649		649	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4345171	52653	81.1	10.647	649							
Dry Bulb	3451987	47287	72.9	3.190	649			87.4	56.7	.1		93
Wet Bulb	3078379	44633	68.8	3.702	649			68.1	14.0			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.1	.3	.4	.1												11	11		
80/ 79			2.1	3.4	1.3	.5	.4	.1										91	91		
78/ 77		.9	6.6	6.3	4.0	.9	.5	.1										178	178	1	
76/ 75	.3	4.8	7.1	7.2	2.7	1.4	.4											220	220	41	10
74/ 73	.2	4.5	5.6	5.5	1.2	2.1		.1										177	177	197	68
72/ 71	.9	3.1	5.5	2.3	.9	.7	.1											124	124	207	163
70/ 69	.1	1.5	4.2	1.2	.3	.1	.1											70	70	179	196
68/ 67		.9	1.3	.7	.1													27	27	134	140
66/ 65		.4	.2	.4	.1													11	11	90	122
64/ 63	.2	.4		.2		.2												10	10	42	101
62/ 61		.1																1	1	19	39
60/ 59			.1															1	1	5	38
58/ 57																				3	28
56/ 55																				2	7
54/ 53																				1	4
50/ 49																					3
48/ 47																					1
46/ 45																					1
TOTAL	1.7	16.6	32.9	29.8	11.1	6.0	1.0	.3										921	921	921	921

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5867522	72910	79.2	10.198	921							
Dry Bulb	5113094	68550	74.4	3.445	921			90.7	68.4	3.3		93
Wet Bulb	4501217	64303	69.8	3.561	921			76.6	24.1			93
Dew Point	4201552	62066	67.4	4.537	921			58.3	7.9			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89								.4										4	4		
88/ 87					.1	.1	.5	.3	.2									12	12		
86/ 85					.1	1.2	1.1	.5	.2									29	29		
84/ 83				.3	3.1	2.9	.9	.5	.3									66	66		
82/ 81		.1	.7	8.3	8.7	2.8	2.2	.9		.1	.1							222	223		
80/ 79			3.1	8.6	8.8	6.1	2.4	.6	.4									278	278	2	1
78/ 77		.4	2.0	4.2	5.4	3.5	1.8	.2	.1									163	163	21	
76/ 75		1.0	1.4	2.9	1.8	2.0	.9	.4	.2									98	98	177	26
74/ 73	.1	.4	.3	.9	.4	.3	.7	.1	.1									31	31	247	109
72/ 71			.3	.4	.2	.1	.1		.1									12	12	172	171
70/ 69	.1		.3			.1												5	5	132	175
68/ 67			.1															1	1	95	134
66/ 65		.1																1	1	46	100
64/ 63																				13	69
62/ 61																				11	67
60/ 59																				4	30
58/ 57																				2	14
56/ 55																					6
54/ 53																					0
52/ 51																					0
50/ 49																					3
48/ 47																					1
46/ 45																					2
TOTAL	.2	2.1	8.2	25.9	28.7	16.1	10.5	4.2	1.7	.1	.1							923			922
																		922		922	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4406579	63027	68.4	10.321	922							
Dry Bulb	5826538	73278	79.4	3.110	923			92.9	91.1	46.2		93
Wet Bulb	4744464	66062	71.7	3.467	922			85.3	45.1	.1		93
												93

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

AFETAC

U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — MAY MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93							.2		.1	.1								4	4		
92/ 91								.1	.5	.3			.1					10	10		
90/ 89							.1	.2	.9	.2	.3							16	16		
88/ 87					.2	.1	1.1	1.3	1.0	.2								36	36		
86/ 85				.1	.3	.9	.7	.9	.5	.2								33	33		
84/ 83			.1	1.3	4.6	4.1	2.1	.4	.2	.4								122	122		
82/ 81		.1	2.3	8.1	8.4	7.4	2.7	1.0	.4	.5								285	285	3	
80/ 79		.1	3.0	5.8	5.9	5.3	3.5	.7	.1	.2								226	226	5	3
78/ 77		.4	.8	2.2	2.7	2.8	2.3	.1	.3									107	107	60	7
76/ 75		.4	.7	1.2	1.2	.9	.9	.2	.1									48	48	190	50
74/ 73		.2		.7			.2	.2	.1									13	13	233	104
72/ 71	.1	.2	.3	.7	.2		.1											15	15	173	127
70/ 69	.1	.1	.3															5	5	108	201
68/ 67			.1															1	1	86	108
66/ 65																				35	112
64/ 63																				17	89
62/ 61																				6	48
60/ 59																				4	26
58/ 57																				1	13
56/ 55																					13
54/ 53																					4
52/ 51																					10
50/ 49																					3
46/ 45																					1
TOTAL	.2	1.6	7.6	20.0	23.5	21.2	13.8	5.1	4.3	2.3	.3		.1					921	921	921	921

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4115576	60656	65.9	11.461	921							
Dry Bulb	6024036	74410	80.8	3.050	921			93.0	90.9	63.6	.4	93
Wet Bulb	4809159	66473	72.2	3.533	921			86.6	49.6	.6		93

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

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1								1	1		
92/ 91								.1		.4		.2						7	7		
90/ 89								.1	.3	.2	.2		.1					10	10		
88/ 87							.4	.4	.9	.1								17	17		
86/ 85					.2	.5	.3	.5	.2									17	17		
84/ 83				1.0	2.0	2.1	.5	.3		.2								56	56		
82/ 81		.4	2.6	6.8	9.7	4.5	2.4	.7	.1	.1	.1							251	251		
80/ 79		.5	4.1	8.9	8.2	6.1	2.2	.8	.4	.2								289	289	4	3
78/ 77		.2	2.5	4.0	3.6	3.1	1.5	.2										139	139	54	9
76/ 75	.1	.1	.8	1.3	1.3	1.1	1.1	.3										56	56	149	43
74/ 73	.2	.4	.7	1.2	.1	.3	.3	.3										33	33	257	110
72/ 71		.8	1.2	.7	.2	.1		.1										28	28	181	147
70/ 69		.1	.9															9	9	119	190
68/ 67						.1												1	1	86	121
66/ 65		.2			.1													3	3	37	104
64/ 63					.1													1	1	16	74
62/ 61																				10	45
60/ 59																				2	28
58/ 57																				3	14
56/ 55																					10
54/ 53																					7
52/ 51																					7
50/ 49																					6
TOTAL	.3	2.8	12.7	23.9	25.5	17.9	8.8	3.9	2.0	1.4	.4	.2	.1					918	918		918
																		918		918	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4486228	63278	68.9	11.650	918							
Dry Bulb	5822615	73035	79.6	3.623	918			92.6	88.7	49.8	.1	93
Wet Bulb	4757414	66006	71.9	3.534	918			86.1	47.0	.1		93
Dew Point	4279349	62505	68.1	5.062	918			63.1	16.7			93

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

☆ U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
90/ 89										.1								1	1		
88/ 87										.1		.1						2	2		
86/ 85						.1	.2	.3	.2	.1								9	9		
84/ 83					.1	.1	.5	.2										9	9		
82/ 81			.5	2.4	3.7	1.5	.7	.2				.1						84	84		
80/ 79			4.7	6.9	7.3	2.4	.2	.1	.1			.1						200	200		
78/ 77		1.8	6.0	9.6	8.0	1.8	.7	.2	.1									257	257	11	1
76/ 75	.2	3.2	4.3	6.5	4.5	2.6	.9											202	202	102	33
74/ 73	.1	.8	2.0	2.4	1.3	1.3	.3	.1										82	82	225	94
72/ 71		.4	1.9	2.2	.3	.2	.4	.1										51	51	222	127
70/ 69			.5		.5	.2												12	12	163	213
68/ 67		.1	.1			.1	.1											4	4	93	143
66/ 65					.1													1	1	57	108
64/ 63																				24	90
62/ 61																				6	33
60/ 59																				6	31
58/ 57																				5	13
56/ 55																					13
54/ 53																					3
52/ 51																					5
50/ 49																					4
46/ 45																					2
40/ 39																					1
TOTAL	.3	6.2	20.7	30.0	25.9	10.4	4.0	1.3	.4	.3		.3						914	914		914
																		914		914	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5033138	67128	73.4	10.020	914			92.9	86.1	17.7		93
Dry Bulb	5446971	70505	77.1	3.013	914			83.0	54.4			93
Wet Bulb	4610327	64639	70.9	3.417	914			62.2	18.0			93

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

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — MAY MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83						.1												1	1		
82/ 81				.8	.8	.4	.1											18	18		
80/ 79			3.4	4.9	4.2	1.2	.8		.1									122	122		
78/ 77	.1	1.1	4.6	10.0	6.4	1.4	.5											205	205	2	2
76/ 75	.5	5.2	9.6	9.5	5.3	1.7	1.0	.1										273	273	59	16
74/ 73		2.4	4.6	4.6	3.4	.7	.1											126	126	173	59
72/ 71		.6	2.4	1.6	.7	1.0	.2											54	54	229	138
70/ 69		.2	1.3	.1	.4	.6	.4	.1										26	26	152	201
68/ 67			.0															5	5	116	134
66/ 65																				58	89
64/ 63				.2	.1													3	3	19	87
62/ 61																				14	49
60/ 59																				6	18
58/ 57																				5	15
56/ 55																					9
54/ 53																					8
52/ 51																					4
50/ 49																					3
48/ 47																					1
TOTAL	.6	9.5	25.8	32.3	21.2	7.1	3.1	.2	.1									833	633		833
																		833		833	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4895314	63324	76.0	9.896	833							
Dry Bulb	4792467	63143	75.8	2.709	833			92.7	83.2	5.8		93
Wet Bulb	4132270	58004	70.4	3.346	833			81.6	20.1			93
Dew Point	3816253	56251	67.5	4.615	833			61.4	8.6			93

USAFETAC FORM 0-26-5 (OL A) JUL 74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 7-7A YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83			.2	1.1	.3													10	10		
82/ 81		.3	4.1	3.8	.0	.3	.2											59	59		
80/ 79		2.2	15.5	9.3	.5	.3												174	174	3	1
78/ 77	.3	5.1	14.0	3.5	.5													147	147	63	19
76/ 75	1.3	9.7	9.7	2.0														146	146	175	104
74/ 73	1.0	5.6	2.0	.2														58	58	221	183
72/ 71	1.6	1.4	1.8															30	30	126	179
70/ 69	.2	.3																3	3	34	103
68/ 67																				5	24
66/ 65																					14
TOTAL	4.3	24.7	47.8	20.4	1.9	.6	.2											627	627	627	627

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4572975	53375	85.1	6.540	627							
Dry Bulb	3745490	48432	77.2	2.053	627			90.0	85.3	14.8		90
Wet Bulb	3420554	46292	73.8	2.104	627			90.0	66.3			90
[illegible]	[illegible]	[illegible]	72.4	2.362	627			88.0	44.1			90

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

AFETAC

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73,75-76 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.5														3	3		
82/ 81		.2	1.1	2.2	.6													26	26		
80/ 79		2.2	10.3	4.6	.6													115	115	1	1
78/ 77	.3	7.2	13.7	2.2	.8													152	152	37	10
76/ 75	1.8	10.6	9.9	2.1														190	191	157	87
74/ 73	1.9	8.5	2.6	.8														86	86	244	192
72/ 71	2.1	3.3	1.9															46	47	130	188
70/ 69	.6	.3	.5															9	9	51	99
68/ 67																				7	31
66/ 65																					13
TOTAL	6.7	38.3	40.5	12.4	2.1														629		627
																		627		627	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4834099	54887	87.5	6.846	627							
Dry Bulb	3658415	47943	76.2	2.571	629			90.0	42.0	0.2		90
	[illegible]	46037	73.4	2.072	627			90.0	63.0			90
								88.1	42.5			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-70 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.2	.1												3	3		
84/ 83		.1	.1	1.7	.6	.3												25	25		
82/ 81		.3	6.0	7.1	1.9													136	136	1	
80/ 79		2.6	12.9	8.1	2.4	.3												234	234	7	5
78/ 77	.1	6.1	10.8	5.5	1.2	.1												212	212	118	24
76/ 75	.6	8.5	7.1	2.4	.2													167	167	251	150
74/ 73	1.6	4.5	2.0	.9														75	75	304	254
72/ 71	1.1	1.6	.9															32	32	143	249
70/ 69	.3	.1	.1															5	5	54	128
68/ 67																				10	47
66/ 65																				1	16
64/ 63																					4
TOTAL	3.1	23.8	39.9	25.0	6.5	.9													889		889
																		889		889	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6278351	74403	83.7	7.605	889							
Dry Bulb	5383027	69131	77.8	2.851	889			90.0	36.3	25.3		90
Wet Bulb	4873536	65792	74.0	2.247	889			89.9	68.9	.2		90
Dew Point	4662071	64237	72.4	2.599	889			87.8	44.8	.1		90

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

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89					.1	.7	.6	.1										13	13		
88/ 87					1.3	2.7	1.5	.3										52	52		
86/ 85			.2	2.0	0.2	3.8	.4	.1										114	114		
84/ 83		.1	1.-	9.5	9.5	1.2	.1											195	195		
82/ 81		.9	4.0	17.2	7.8	2.1												287	287	7	2
80/ 79		.6	5.3	5.3	2.5	.3												124	124	95	10
78/ 77		.8	3.5	2.9	.3													67	67	252	73
76/ 75		1.2	.7	1.0														26	26	317	213
74/ 73	.1	1.1	.2	.1														14	14	157	267
72/ 71		.1	.1															2	2	59	188
70/ 69																				7	109
68/ 67																					23
66/ 65																					9
TOTAL	.1	4.8	15.3	38.0	27.7	10.9	2.6	.6											894		894
																		894		894	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5062629	66927	74.9	7.654	894							
Dry Bulb	6029452	73366	82.1	3.118	894			90.0	79.8	74.0		90
Wet Bulb	5146631	67803	75.8	2.194	894			90.0	83.4	3.3		90
Dew Point	4796074	65442	73.2	2.511	894			89.1	56.9	.4		90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93							.1	.2										3	3		
92/ 91						.6	.8	1.1	.1	.1								24	24		
90/ 89					.3	1.3	2.4	1.3	.3									51	51		
88/ 87			.1	.1	2.7	3.7	2.9	.4	.1									90	90		
86/ 85			.6	2.5	10.0	5.2	.3	.2										167	167		
84/ 83			1.6	8.6	9.2	2.5	.1											197	197	1	
82/ 81		.7	2.1	11.7	6.6	1.8												204	204	25	2
80/ 79		.1	3.3	4.2	2.0	.1												86	86	130	22
78/ 77	.1	.3	2.8	1.1	.2													41	41	287	85
76/ 75		1.1	.9															18	18	259	204
74/ 73		.2	.3	.2														7	7	148	280
72/ 71			.2															2	2	32	180
70/ 69																				5	84
68/ 67																				3	18
66/ 65																					13
64/ 63																					2
TOTAL	.1	2.5	11.9	26.5	31.1	15.2	6.6	3.4	.6	.1									890		890
																		890		890	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4676448	64068	72.0	8.512	890
Dry Bulb	6223943	74359	83.5	3.564	890
Wet Bulb	5197110	73280	74.4	3.226	890

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
			90.0	89.8	80.4	.3	90

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

AFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93							.2	.4	.1		.1							3	8		
92/ 91							.7	.9	.6									19	19		
90/ 89					.1	.3	.7	.0	.4									23	23		
88/ 87				.2	1.3	1.8	1.2	.0										46	46		
86/ 85			.1	2.0	7.5	3.3	.9	.1										124	124		
84/ 83		.1	3.0	7.0	7.3	3.5	.2											194	194		
82/ 81		.2	2.9	12.1	6.1	1.7	.1											208	208	14	1
80/ 79		.3	4.4	5.4	3.3	.2												121	121	104	24
78/ 77	.1	1.6	3.5	1.9	.6													68	68	222	62
76/ 75		1.3	2.6	1.3														47	47	266	194
74/ 73		.1	.6	.7														30	30	183	222
72/ 71		.1	.2															3	3	19	214
70/ 69		.1	.1															7	2	20	107
68/ 67																				3	53
66/ 65																					12
64/ 63																					2
TOTAL	.1	5.9	17.4	31.3	26.2	11.2	4.0	2.6	1.1		.1							891	691	891	891

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4984365	66121	74.2	9.334	891							
Dry Bulb	6021629	73161	82.1	4.008	891			90.0	79.5	68.2	.8	90
Wet Bulb	5099338	67368	75.6	2.527	891			90.0	79.7	4.9		90

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

☆ U.S. GOVERNMENT PRINTING OFFICE -1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 91								.1										1	1		
90/ 89							.5	.2	.1									7	7		
88/ 87					.2	.5	.1	.1										8	8		
86/ 85				.7	1.2	.7	.5											27	27		
84/ 83		.1	.8	5.0	5.8	.9	.1											112	113		
82/ 81		.9	4.3	13.5	6.4	1.1												233	233	1	
80/ 79		.6	6.9	10.4	4.1	.8												201	201	38	12
78/ 77		1.6	6.5	6.2	1.7													142	142	134	32
76/ 75	.1	3.2	6.1	2.7														107	107	257	116
74/ 73	.3	1.9	2.0	.7														44	44	280	250
72/ 71		.1	.3															4	4	133	230
70/ 69																				36	162
68/ 67																				7	60
66/ 65																					21
64/ 63																					3
TOTAL	.5	6.4	27.0	39.2	19.4	4.0	1.1	.5	.1									886	887		886
																		886		886	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5433709	69031	77.9	7.904	886							
Dry Bulb	5648120	70722	79.7	3.246	887			90.0	89.6	47.9		90
Wet Bulb	4915017	65957	74.4	2.363	886			90.0	72.1	1.7		90

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.2											2	2		
86/ 85					.2	.1												3	3		
84/ 83			.2	2.5	1.2	.2												34	34		
82/ 81		.7	5.3	11.4	3.2	.4												170	170		
80/ 79	.1	1.1	11.4	11.9	4.1	.5												235	235	12	0
78/ 77	.2	2.2	10.3	5.5	1.2													157	157	86	22
76/ 75	1.5	5.0	8.0	3.6	.5													149	149	245	112
74/ 73	.2	2.9	2.4	.5														49	49	262	229
72/ 71		.4	.2	.1														6	6	152	227
70/ 69																				40	130
68/ 67																				8	54
66/ 65																					21
64/ 63																					4
TOTAL	2.1	12.3	37.9	35.7	10.0	1.2	.2												805		805
																		805		805	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5319083	65161	80.9	7.448	805							
Dry Bulb	4963489	63173	78.5	2.718	805			90.0	59.3	33.3		90
Wet Bulb	4415069	59591	74.0	2.168	805			90.0	67.0	.1		90
Dew Point	4163489	58011	72.1	2.337	805							

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITION MAY BE USED UNTIL STOCKS ARE EXHAUSTED USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.5													3	3		
84/ 83			.2	3.4	1.1	.2												31	31		
82/ 81		.2	6.5	6.0	1.9		.2											95	96		
80/ 79		3.9	26.1	9.9	1.7	.3												271	271	2	
78/ 77	.0	6.5	15.8	3.4	.5													173	173	119	27
76/ 75		5.9	3.4															60	60	291	190
74/ 73		1.1	.9															13	13	194	237
72/ 71		.2																1	1	35	141
70/ 69																				6	41
68/ 67																					6
66/ 65																					4
64/ 63																					1
TOTAL	.0	17.6	52.9	22.7	5.6	.5	.2											647	648	647	647

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4527519	53967	83.4	0.353	647							
Dry Bulb	4038957	51141	78.9	2.096	648			93.0	72.9	35.0		9

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

ETAC

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-72 YEARS — JUL MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83			.2	1.1	.3													10	10		
82/ 81			3.5	3.2	.3													46	46		
80/ 79		3.2	22.0	7.1	1.2													218	218	1	
78/ 77		13.7	21.1	2.9	.3													247	247	71	10
76/ 75	.2	11.4	4.0	.2	.3													104	104	298	178
74/ 73	.9	1.7	.9															23	23	228	288
72/ 71																				47	116
70/ 69			.2															1	1	3	40
68/ 67																					6
66/ 65																				1	3
TOTAL	1.1	30.0	51.9	14.5	2.5													649	649		649
																		649		649	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	481009	55740	85.9	5.933	649							
Dry Bulb	3952002	50628	78.0	1.984	649			93.0	92.9	10.9		93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1												1	1		
86/ 85				.1	.4	.1												6	6		
84/ 83			.4	3.1	1.8	.2												52	52		
82/ 81		.2	10.2	9.4	2.6	.0												214	214		
80/ 79		4.4	19.6	6.0	1.6	.3												290	299	14	2
78/ 77	.3	8.1	12.4	4.0	.2													232	232	225	68
76/ 75	.4	6.5	2.8	1.6														105	105	360	288
74/ 73	.2	1.3	.3	.2														19	19	249	313
72/ 71																				66	154
70/ 69																				13	68
68/ 67																				1	26
66/ 65																					0
64/ 63																					3
TOTAL	1.0	20.5	45.8	24.5	6.7	1.0												928	928		928

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6459813	77143	83.1	7.124	928							
Dry Bulb	5817352	73442	79.1	2.356	928			93.0	93.0	41.7		93
Wet Bulb	5246377	69753	75.2	1.916	928			93.0	85.0	.1		93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89					.3	.5	1.2											19	19		
88/ 87					2.7	5.3	1.4	.2										39	89		
86/ 85			.4	4.5	11.9	4.0	.1											194	194		
84/ 83		.3	6.4	18.2	9.3	1.8	.2	.2										337	337	2	
82/ 81		.6	8.4	9.3	3.2	.3	.2											205	205	12	2
80/ 79		.3	3.2	1.9	.5	.1												59	59	204	30
78/ 77		.3	.8	.5	.1													16	16	447	169
76/ 75		.3	.1															4	4	186	352
74/ 73		.1																1	1	58	228
72/ 71																				11	101
70/ 69																				4	29
68/ 67																					7
66/ 65																					3
64/ 63																					3
TOTAL		2.1	19.4	34.5	28.4	12.1	3.1	.4										924	924		924
																		924		924	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5215000	69098	74.8	7.193	924							
Dry Bulb	6461963	77239	83.6	2.419	924			93.0	93.0	88.3		93
Wet Bulb	5515764	71370	77.2	1.841	924			93.0	91.5	7.1		93
Dew Point	5159180	69010	74.7	2.348	924			92.4	78.6	.6		93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97											.1							1	1		
94/ 93							.1	.1	.6									8	8		
92/ 91						.2	.5	1.2	.2									20	20		
90/ 89						2.2	3.6	1.0	.3									65	65		
88/ 87				.6	4.0	6.2	1.2											117	117		
86/ 85		.2	.9	10.1	16.4	5.2	1.1	.1	.1									315	315		
84/ 83		.1	8.3	10.9	5.4	1.6	.2	.3										249	249	3	2
82/ 81		.4	2.2	5.1	1.4	.2												91	91	38	4
80/ 79		.2	1.9	1.0	.1													30	30	335	79
78/ 77		.5	1.7	.2														23	23	342	185
76/ 75		.3	.3															6	6	140	306
74/ 73																				29	202
72/ 71																				5	101
70/ 69																				3	34
68/ 67																					7
66/ 65																					1
64/ 63																					3
62/ 61																					1
TOTAL		1.8	15.4	27.9	28.5	15.6	6.7	2.7	1.3		.1							925	925		925
																		925		925	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4952846	67220	72.7	8.576	925							
Dry Bulb	6673118	78520	84.9	2.911	925			93.0	83.0	88.8	.9	93
Wet Bulb	5601267	71957	77.8	1.983	925			93.0	92.2	17.2		93
Dew Point	4967	69367	75.0	2.662	925			92.5	78.2	1.6		93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.1									1	1		
94/ 93								.2	.2									4	4		
92/ 91							.3	.9	.4	.4								19	19		
90/ 89						1.1	.7	.3										19	19		
88/ 87				.1	3.0	4.0	1.2	.1										78	78		
86/ 85			.9	7.9	11.9	4.6	1.1	.2										245	245		
84/ 83		.1	5.6	14.6	6.9	2.5	.2	.1										278	278		
82/ 81		.3	4.0	6.2	3.5	.2	.2											133	133	23	2
80/ 79	.1	.3	3.0	2.9	.3													62	62	242	49
78/ 77		.8	2.6	1.5	.3													48	48	320	140
76/ 75		1.0	1.1	.4														23	23	179	292
74/ 73		.9	.3	.1														12	12	119	201
72/ 71																				30	155
70/ 69																				9	57
68/ 67																					19
66/ 65																					4
64/ 63																					3
TOTAL	.1	3.4	17.0	33.8	26.0	12.4	3.7	1.8	.8	.4								922	922		922
																		922		922	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5124701	68281	74.1	8.591	922			93.0	93.0	81.9	.2	93
Dry Bulb	6447328	77038	83.6	3.359	922			93.0	89.1	11.2		93
Wet Bulb	5466417	70961	77.0	2.321	922							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1								1	1		
92/ 91								.2										2	2		
90/ 89							.2		.1									3	3		
88/ 87					.1	.4	.4											9	9		
86/ 85				1.1	3.8	1.3	.3											60	60		
84/ 83			3.5	10.5	7.6	1.4	.1	.2										215	215		
82/ 81		.7	9.6	14.2	4.1	1.0	.1											273	273		
80/ 79		.9	7.1	7.2	2.9	.2	.2											170	171	68	10
78/ 77		1.3	6.1	3.3	.5													103	103	311	93
76/ 75		1.8	3.5	1.0														58	58	233	241
74/ 73	.1	1.7	.5	.2														24	24	205	243
72/ 71	.1	.1	.1															3	3	88	191
70/ 69																				13	94
68/ 67																				3	40
66/ 65																					4
64/ 63																					3
62/ 61																					2
TOTAL	.2	6.5	30.3	37.5	19.1	4.3	1.4	.4	.1	.1								921	922	921	921

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5638885	71719	77.9	7.666	921							
Dry Bulb	6047520	74618	80.9	3.064	922			93.0	92.7	67.0	.1	93
Wet Bulb	5261304	69578	75.5	2.421	921			91.0	82.5	24.6		94

AFETAC FORM 0-20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 7-76 YEARS — JUL MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.1											1	1		
86/ 85					1.6	.1												14	14		
84/ 83			.5	3.0	2.3	.2												55	55		
82/ 81		1.2	12.0	11.1	3.7	.9	.1											239	239		
80/ 79		2.0	14.9	10.2	2.9	.4												253	253	24	5
78/ 77		3.2	11.6	5.0	.6	.4												176	176	218	65
76/ 75	.1	4.3	4.3	.7														79	79	248	213
74/ 73		.8	1.1															16	16	251	230
72/ 71			.2															2	2	80	198
70/ 69																				11	88
68/ 67																				3	24
66/ 65																					2
64/ 63																					1
62/ 61																					3
TOTAL	.1	11.0	44.6	30.7	11.3	1.0	.2											835	835		835
																		835		835	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5539648	67764	81.2	6.951	835							
Dry Bulb	5283502	66388	79.5	2.501	835			93.0	92.8	51.0		93
Wet Bulb	4704501	62051	75.0	2.113	835			93.0	82.5	.4		93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-74 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85					.3													2	2		
84/ 83			.9	1.0	.2													19	19		
82/ 81		1.2	9.9	5.9	.3													117	112		
80/ 79		9.2	1.3	2.8														201	201	22	7
78/ 77	.3	10.9	2.4	1.4														161	164	174	74
76/ 75	.6	3.8	4.0	.6														123	123	230	225
74/ 73	.3	2.2	.5															19	19	164	210
72/ 71	.3	.2																3	3	23	100
70/ 69	.2	.3	.2															4	4	10	19
68/ 67																				1	8
66/ 65																					1
TOTAL	1.7	37.7	47.2	12.3	1.1														647		644
																		644		644	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4908552	56098	87.1	5.840	644							
Dry Bulb	3976771	50699	78.4	2.486	647			93.0	92.0	30.8		93
Wet Bulb	3660042	48534	75.4	1.915	644			93.0	88.1	.3		93
Dew Point	3547764	47780	74.2	2.103	644			92.9	74.5			93

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

U. S. GOVERNMENT PRINTING OFFICE 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AUG MONTH

PAGE 1 | 0300-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83			.2	1.2	.6													13	13		
82/ 81		.5	8.4	2.2														71	71		
80/ 79	.5	6.8	14.0	2.8	.3													157	157	11	8
78/ 77	.8	16.8	11.0	1.1	.2													192	195	148	66
76/ 75	1.7	17.9	5.0	.9														164	165	237	207
74/ 73	.9	4.0	.8	.2														38	38	192	232
72/ 71	.2	.6																5	5	44	95
70/ 69	.3	.3																4	4	12	28
68/ 67																					8
TOTAL	4.2	46.9	39.3	8.4	1.1														648		644
																		644		644	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5080451	57065	88.6	6.098	644							
Dry Bulb	3912401	50327	77.7	2.407	644			93.0	81.7	19.1		93
Wet Bulb	3627983	48321	75.0	1.905	644			93.0	74.9	.3		93
Dew Point	3530556	47064	74.0	2.097	644			93.0	74.1			93

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

☆ U. S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.1													1	1		
86/ 85				.2	1.7													17	17		
84/ 83		.4	1.8	3.3	2.6	.2												73	73		
82/ 81		1.3	10.0	7.7	3.2	.7												208	208	4	
80/ 79	.2	8.3	15.0	5.3	1.0													270	270	41	23
78/ 77	.4	11.2	7.7	3.0	.2													205	206	205	117
76/ 75	.7	7.5	2.5	.7														105	105	324	499
74/ 73	.2	1.8	.7	.1														25	25	215	257
72/ 71	.1	.2																3	3	49	136
70/ 69	.1	.1																2	2	11	54
68/ 67																					23
TOTAL	2.0	30.8	37.0	19.9	8.8	.9													910		909
																		909		909	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6545245	76795	84.5	7.949	909							
Dry Bulb	5719853	72107	79.2	2.613	910			93.0	92.5	43.5		93
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		[illegible]

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

U. S. GOVERNMENT PRINTING OFFICE : 1974 762-610

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 91							.1	.1										2	2		
90/ 89					.3	.5	.4											12	12		
88/ 87				.3	3.9	3.9	.9											33	33		
86/ 85			1.5	5.7	11.6	5.2	.3											225	225		
84/ 83		.3	7.3	14.3	8.8	2.1												307	307	2	
82/ 81		2.2	8.0	8.4	2.5	.1												202	202	27	3
80/ 79	.3	.9	4.0	1.5	.5													67	67	274	66
78/ 77		.7	.7	.2														14	14	349	203
76/ 75		.4	.2	.2														8	8	215	308
74/ 73		.2																2	2	46	202
72/ 71																				9	105
70/ 69																					32
68/ 67																					1
TOTAL	.3	4.7	22.5	31.2	77.7	11.8	1.7	.1										922	922		922
																		922		922	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5362602	69953	75.9	7.089	922							
Dry Bulb	6441133	77029	83.5	2.408	922			93.0	93.0	87.4		93

FORM 0-26-5 (OL A) JUL 74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE AFETAC

U.S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 7-76 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.1											1	1		
92/ 91						.1	.3	.2	.1	.1								8	8		
90/ 89					.7	3.0	.8	.3										44	44		
88/ 87			.1	.6	8.5	9.9	1.5											191	191		
86/ 85		.1	3.3	7.8	14.1	5.9	.7											293	293		
84/ 83		.5	6.4	11.0	6.5	1.1												241	241	4	
82/ 81		1.1	3.6	3.5	.7	.1												84	84	75	11
80/ 79		.8	2.4	.5	.2													36	36	342	95
78/ 77		.3	.9	.3	.2													16	16	330	216
76/ 75	.1	.3																4	4	136	311
74/ 73			.1															1	1	26	180
72/ 71																				4	82
70/ 69		.1																1	1	3	18
68/ 67																					3
66/ 65																					2
TOTAL	.1	3.3	17.0	24.6	30.9	20.1	3.4	.5	.1	.1								920	920		920
																		920		920	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5065769	67885	73.8	7.852	920							
Dry Bulb	6631780	73072	84.9	2.064	920			93.0	92.9	89.2	.1	93
Wet Bulb	5618502	71874	78.1	1.930	920			93.0	92.3	22.6		93
Dew Point	[illegible]	[illegible]	[illegible]									

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89					.4	.3	.6	.1										18	18		
88/ 87				.7	3.4	7.3	1.7	.3										121	121		
86/ 85			2.5	6.6	12.7	5.6	1.0											258	258		
84/ 83		.7	6.1	3.7	7.4	1.3	.1											220	220	1	
82/ 81		1.6	4.3	7.1	1.2	.1												129	129	47	7
80/ 79		.8	3.5	2.4	.6													66	66	239	77
78/ 77		.5	2.1	1.0	.4													3[illegible]	39	317	138
76/ 75	.3	2.0	1.5	.4	.1													35	35	183	291
74/ 73	.1	.4	.7															11	12	82	220
72/ 71		.5																5	5	22	111
70/ 69		.1																1	1	11	46
68/ 67																				1	12
66/ 63																					1
TOTAL	.4	6.9	20.3	27.0	26.4	15.3	3.3	.4										903	904	903	903

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5211407	68169	75.5	8.503	903							
Dry Bulb	6296751	75383	83.4	3.441	904			93.0	82.4	80.8		93
Wet Bulb	5387470	69716	77.2	2.367	903			93.0	89.5	14.1		93
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			92.9	75.5	1.9		93

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

U.S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1											1	1		
88/ 87					.1	.3												4	4		
86/ 85				1.3	4.3	.9												29	59		
84/ 83		.2	4.5	10.3	9.4	1.4	.2											239	239		
82/ 81		2.3	11.1	12.4	4.2	1.1												283	283	2	
80/ 79		2.5	9.2	4.5	1.2													159	159	99	31
78/ 77		2.3	5.3	2.4	.4													95	95	313	113
76/ 75	.3	3.2	1.8	.4	.1													53	53	282	259
74/ 73		1.4	.5	.1														19	21	156	260
72/ 71		.1																1	1	51	157
70/ 69																				9	56
68/ 67																				1	32
66/ 65																					3
TOTAL	.3	12.0	32.4	31.4	19.7	3.7	.3												915		913
																		913		913	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5782891	72311	79.2	7.818	913							
Dry Bulb	6011029	74117	81.0	2.843	915			93.0	92.9	68.3		93
Wet Bulb	5278138	69390	76.0	2.183	913			93.0	80.8	3.6		93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.7													6	6		
84/ 83			1.9	4.5	4.5													90	90		
82/ 81		3.0	13.7	10.7	3.0	.7												257	257		
80/ 79	.2	3.9	15.4	5.3	1.1	.1												215	218	56	24
78/ 77		5.3	8.0	3.0	.6													140	140	241	96
76/ 75	.2	5.6	5.3	.5														96	96	274	239
74/ 73		1.3	.5															15	15	188	240
72/ 71	.1	.1																2	2	24	144
70/ 69		.2																2	2	10	60
68/ 67																					18
66/ 65																					2
TOTAL	.6	19.6	45.0	24.1	10.0	.9													826		823
																		823		823	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5677297	68009	82.7	7.187	823							
Dry Bulb	5248180	65806	79.7	2.590	826			93.0	82.5	54.6		93
Wet Bulb	4706334	62212	75.6	2.099	823			93.0	82.8	1.7		93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.5	.2													4	4		
84/ 83				1.0	1.0	1.1	1.3											31	31		
82/ 81		.2	15.1	10.3	2.9	1.4	.5											139	139		
80/ 79		2.7	12.4	6.0	5.6	2.4	.2											182	182	7	
78/ 77	.3	4.0	8.7	6.8	.8													128	128	150	51
76/ 75	.3	5.2	4.7	1.6	.3													75	75	174	156
74/ 73		.6	.5	.3	.2													10	10	152	138
72/ 71				.2	.2													2	2	118	114
70/ 69																				17	90
68/ 67																					49
66/ 65																				3	19
64/ 63																					3
62/ 61																					1
TOTAL	.6	12.7	41.4	26.0	11.8	5.0	1.9											621	621		621
																		621		621	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4035069	49795	80.2	8.255	621							
Dry Bulb	3911566	49264	79.3	2.358	621			90.0	89.7	49.0		90
Wet Bulb	3956918	46210	74.6	2.352	621			82.6	70.0			90

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

U. S. GOVERNMENT PRINTING OFFICE — 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-73,75-76 YEARS — SEP MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.2	.5	1.3	.2											13	13		
82/ 81		.2	10.9	5.8	2.0	1.1	1.0											134	134		
80/ 79		3.0	13.0	5.3	5.8	1.9												185	185	1	
78/ 77	.0	8.0	9.7	4.5	1.9	.2												156	156	126	31
76/ 75	.0	5.9	8.9	2.4	.3													114	114	171	171
74/ 73		1.9	1.0															18	18	109	134
72/ 71			.3	.2	.3													5	5	123	122
70/ 69	.2																	1	1	32	82
68/ 67																				1	64
66/ 65																				3	15
64/ 63																					4
62/ 61																					3
TOTAL	1.4	19.0	44.4	18.2	11.3	4.5	1.1											626	626		626
																		626		626	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4243003	51245	81.9	8.767	626							
Dry Bulb	3863645	49157	78.5	2.388	626			90.0	89.1	37.7		90
Wet Bulb	3450972	46456	74.2	2.343	626			89.6	67.1			90
[illegible]	[illegible]	[illegible]	72.6	2.114	626			86.8	48.3			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1	.4	.1	.2	.1										9	9		
84/ 83			1.7	4.6	3.0	1.0	.4	.1										102	102		
82/ 81		.9	10.3	7.3	3.8	1.5	.3											215	215		
80/ 79	.1	2.6	10.2	6.0	4.4	1.1												235	235	30	2
78/ 77	.2	4.6	7.0	4.8	1.0	.1												164	165	206	73
76/ 75	.2	4.3	6.5	2.6	.3													124	125	210	211
74/ 73	.1	1.8	1.1	.1	.1													29	29	158	176
72/ 71	.1	.3	.3	.1	.2													10	10	141	196
70/ 69			.2															2	2	36	139
68/ 67																				5	62
66/ 65																				4	23
64/ 63																					4
62/ 61																					2
TOTAL	.8	14.5	38.1	27.6	13.9	3.8	1.0	.2										890	892		890
																		890		890	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5795793	71437	80.3	6.338	890							
Dry Bulb	5600908	70688	79.2	2.827	892			90.0	28.8	40.1		90
Wet Bulb	4953687	66361	74.6	2.514	890			89.6	71.2	.4		90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93									.1									1	1		
92/ 91								.1										1	1		
90/ 89						.7	.4	.1										11	11		
88/ 87					2.4	2.4	.7	.8										55	55		
86/ 85			.6	6.0	12.0	4.9	1.2	.4										224	224		
84/ 83			4.9	1.9	8.7	5.4	1.6											289	289		
82/ 81		.4	4.5	6.3	5.7	1.9	.6											173	173	5	
80/ 79		.7	2.0	3.3	1.6	.2	.1											70	70	168	16
78/ 77		.4	1.9	.7	.3													30	30	275	146
76/ 75		1.1	.9	.4	.1													20	20	187	240
74/ 73		.8	.2	.3														12	12	169	163
72/ 71																				53	164
70/ 69			.3															3	3	4	91
68/ 67																				8	48
66/ 65																					17
64/ 63																					4
TOTAL		3.5	15.1	20.9	30.8	15.5	4.6	1.5	.1									889	889		889
																		889		889	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4827394	65104	73.2	8.195	889							
Dry Bulb	6141362	73842	83.1	2.984	889			90.0	89.7	80.4	.1	90.

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F. 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95										.2								2	2		
94/ 93							.1		.1									2	2		
92/ 91							.4	.3	.1									8	8		
90/ 89					.4	1.1	.8	.9	.1									30	30		
88/ 87					5.7	8.4	2.1	1.7	.3									163	163		
86/ 85			.6	9.2	15.1	8.0	3.5	.4										328	328		
84/ 83			1.0	6.4	8.0	6.3	1.5	.2										208	208	1	
82/ 81			1.2	3.9	3.1	.4												78	78	17	
80/ 79		.1	1.5	2.1	.7	.2	.1											42	42	232	17
78/ 77		.2	.7	.6	.1													14	14	272	154
76/ 75		.6	.3	.1														9	9	197	232
74/ 73		.3	.2															5	5	138	187
72/ 71			.2															2	2	26	151
70/ 69			.1															1	1	6	90
68/ 67																				3	42
66/ 65																					17
64/ 63																					2
TOTAL		1.2	5.8	22.3	33.2	24.4	8.5	3.0	.7	.2								892	892		892
																		892		892	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4405230	62278	69.8	8.004	892							
Dry Bulb	6398800	75504	84.6	2.941	892			90.0	89.7	85.2	.4	90
Wet Bulb	5264783	68495	76.8	2.411	892			90.0	86.5	9.8		90

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

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DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

12807 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-70 YEARS — SEP MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95										.1								1	1		
92/ 91						.1	.3	.2										6	6		
90/ 89						.2	.4	.1	.1									8	8		
88/ 87				.2	3.0	4.4	2.4	.8										101	101		
86/ 85			.1	8.2	11.9	4.3	1.8	.6										239	239		
84/ 83			1.8	10.1	7.3	7.0	1.9											250	250		
82/ 81			3.7	4.7	7.7	2.0	.3											165	165	9	2
80/ 79		.3	2.6	3.1	.3	.4												61	61	174	4
78/ 77		.4	1.7	1.0	.4													32	32	272	127
76/ 75		.8	1.2		.2													20	20	198	230
74/ 73		.2	.3															5	5	191	179
72/ 71				.4														4	4	31	178
70/ 69																				12	111
68/ 67																				1	38
66/ 65																				4	17
64/ 63																					6
TOTAL		1.8	11.4	27.8	31.5	18.4	7.2	1.7	.1	.1								892			892
																	892		892		

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4641050	63938	71.7	8.069	892
Dry Bulb	6219120	74432	83.4	3.039	892
Wet Bulb	5188446	67994	76.2	2.485	892
Dew Point	4790066	58511			

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			90.0	89.6	81.1	.1	90
Wet Bulb			89.6	85.2	5.2		90

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

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DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87						.2	.1											3	3		
86/ 85			.1	1.2	2.5	1.2	.8	.1										53	53		
84/ 83		.2	3.2	1.5	8.8	2.8	.7											241	242		
82/ 81		.1	8.7	1.4	7.7	3.7	.3											283	283	3	2
80/ 79		.6	7.6	6.8	5.4	.7	.3											189	189	54	4
78/ 77		.8	3.2	2.1	1.0													63	63	246	57
76/ 75		1.1	2.5	.7														38	38	241	223
74/ 73		.8	.2	.3	.1													13	14	223	204
72/ 71			.2	.1	.1													4	4	97	168
70/ 69																				18	148
68/ 67																				2	57
66/ 65																				3	17
64/ 63																					0
62/ 61																					1
TOTAL		3.6	25.6	14.2	25.6	8.7	2.3	.1										887	889	887	887

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5129914	67112	75.7	7.668	887							
Dry Bulb	5862062	72152	81.2	2.630	889			90.0	89.6	70.9		90
Wet Bulb	5023957	66721	75.2	2.408	887			89.7	77.8	1.0		90
Dew Point	4691723	64455	72.7	3.008	887			87.6	49.7	.3		90

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

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PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — SEP MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85				.4	.4	.4	.1											10	10		
84/ 83			1.5	7.8	5.2	1.4	1.5											140	140		
82/ 81		.2	12.7	10.9	6.2	1.6	.1											257	257	1	1
80/ 79		1.6	7.3	9.0	6.2	1.1	.5											208	208	27	1
78/ 77	.2	2.2	5.9	4.7	1.5													118	118	224	67
76/ 75		2.5	3.7	1.4														61	61	190	198
74/ 73	.4	.4	.5	.4	.1													14	14	216	178
72/ 71																				124	151
70/ 69																				23	125
68/ 67																				2	64
66/ 65																				1	16
64/ 63																					7
TOTAL	.6	6.9	31.7	34.5	19.6	4.5	2.2											808	808		808
																		808		808	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4955438	62942	77.9	8.054	808							
Dry Bulb	5206805	64829	80.2	2.568	808			90.0	90.0	60.6		90
Wet Bulb	4537841	60521	74.9	2.409	808			89.9	73.3	.3		90
Dew Point	4269297	58681	72.6	3.067	808							

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

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DATA PROCESSING BRANCH
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PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 7-7 YEARS — OCT MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83							.2											1	1		
82/ 81			3.0	1.6	.2	.3	.9	1.0										52	52		
80/ 79		.9	5.6	8.6	3.9	1.7	.6											137	137	5	4
78/ 77	.3	2.7	6.9	5.0	5.2	2.6	.6											150	150	30	6
76/ 75	.9	4.9	2.5	3.3	3.9	2.0												112	113	71	59
74/ 73	.8	3.3	3.0	2.2	1.1	.3												68	75	154	81
72/ 71		3.1	4.5	1.1	.2													57	57	110	109
70/ 69	.5	.9	2.2	.2	.2													25	25	120	83
68/ 67	.2	.3	.3	.3	.2	.3												10	10	81	89
66/ 65			.0	.3	.3													8	8	33	74
64/ 63			.3	.5	.3													7	7	4	50
62/ 61				.3														2	2	5	40
60/ 59				.2	.2													2	2	7	10
58/ 57		.5	.3	.3														7	7	8	4
56/ 55			.2															1	1	5	7
54/ 53																				2	5
52/ 51																				4	5
50/ 49																					2
48/ 47																					4
46/ 45																					1
TOTAL	2.7	16.6	30.0	23.8	15.5	7.5	2.3	1.6										639	647	639	639

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4033382	50254	78.6	11.279	639							
Dry Bulb	3723618	49000	75.7	4.424	647			89.1	75.9	12.9		93
Wet Bulb	3219027	45265	70.9	4.440	639							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-74,76 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83								.2										1	1		
82/ 81			1.9	.5		.2	.6	.8										26	26		
80/ 79		1.1	7.3	6.5	2.1	.5	1.0											116	116		
78/ 77		2.1	6.2	4.4	4.4	3.2	.5											131	131	22	7
76/ 75	1.1	4.8	2.9	4.3	4.1	2.7												125	127	73	48
74/ 73	.6	5.7	4.3	1.3	1.4	.2												85	93	131	82
72/ 71	.2	3.8	4.4	.6	.2	.5												61	62	110	99
70/ 69	.3	2.2	2.5	.2														33	37	116	88
68/ 67	.8	.8	1.6															20	21	99	98
66/ 65	.2	.2	.5	.2														6	6	38	69
64/ 63	.5		.3	.5														8	8	12	60
62/ 61	.2			.2	.2	.5												6	6	6	39
60/ 59				.5	.2													4	4	4	14
58/ 57	.3			.2	.3													5	5	4	4
56/ 55	.2			.2														2	2	4	6
54/ 53			.2	.2														2	2	4	1
52/ 51																				6	4
50/ 49																				2	
48/ 47																					5
46/ 45																					5
44/ 43																					2
TOTAL	4.3	20.6	32.0	19.5	12.8	7.6	2.2	1.0											647		631
																		631		631	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4135141	50545	80.1	11.706	631							
Dry Bulb	3633470	48392	74.8	4.059	647			88.3	71.0	0.2		93
Wet Bulb	3134441	44377	70.3	4.628	631			81.2	33.3			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — OCT MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83			.1	.2	.2			.3										8	8		
82/ 81		.2	1.2	1.9	.8	.3	.9	.3										51	51		
80/ 79		1.0	4.1	4.7	2.8	3.3	.6	.2										150	150	4	1
78/ 77	.1	2.0	5.6	4.3	5.7	3.3	.2											191	192	30	13
76/ 75	1.3	3.9	2.9	4.1	3.2	2.1	.4											162	164	94	53
74/ 73	.9	3.0	2.9	1.8	1.2	1.3	.7											106	110	100	108
72/ 71	.1	2.4	3.8	.9	1.2	.7	.2											84	87	145	118
70/ 69	.1	1.9	2.0	1.8	.4	.2	.1											59	60	104	103
68/ 67	.4	1.1	.9	1.0	.4													35	35	118	113
66/ 65	.4	.6	.6	.3	.1													18	18	67	129
64/ 63			.4	.3	.2													9	9	47	84
62/ 61	.2		.1	.2	.3	.1												9	9	29	59
60/ 59				.1	.4	.2												7	7	13	36
58/ 57	.2				.6													7	7	8	26
56/ 55				.1														1	1	2	21
54/ 53			.1	.1														2	2	3	9
52/ 51																				9	5
50/ 49																				6	
48/ 47																					4
46/ 45																					5
44/ 43																					5
42/ 41																					4
TOTAL	3.9	16.1	24.7	21.9	17.7	11.7	3.1	.9										899	910	899	899

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5484964	69326	77.1	12.438	899			87.6	69.0	12.2		93
Dry Bulb	5118310	68104	74.8	4.856	910							
Wet Bulb	4387277	62641	69.7	5.010	899			74.0	29.8			93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89									.1									1	1		
86/ 85				.4	1.1	.3	.4	1.0	.2									34	34		
84/ 83			.5	2.2	3.9	1.8	1.9	.6										102	102		
82/ 81		.4	2.7	6.3	4.3	3.7	2.4	.6										189	189		
80/ 79	.2	.3	3.1	5.6	4.4	5.1	2.9	.1										202	202	24	6
78/ 77		1.6	3.1	3.5	3.7	2.9	1.4	.3	.1									154	154	70	26
76/ 75	1.2	1.5	1.5	3.5	1.9	1.2	1.0	.2										111	111	161	72
74/ 73		1.0	1.3	1.3	1.1	1.6	.9	.2	.1									69	69	168	130
72/ 71	.1	.3	.5	.3	.8	.2	.3											24	24	172	122
70/ 69	.1	.2		.1	.5	.1												10	10	148	115
68/ 67	.1		.2	.1	.2	.2												8	8	89	110
66/ 65			.2	.2	.1	.1	.1	.2										9	9	37	123
64/ 63			.1			.4												5	5	33	75
62/ 61					.2	.2												4	4	16	40
60/ 59					.1													1	1	8	34
58/ 57					.1													1	1	4	20
56/ 55																				4	13
54/ 53																				4	7
52/ 51																				0	5
50/ 49																					4
48/ 47																					9
46/ 45																					1
44/ 43																					3
42/ 41																					1
40/ 39																					2
TOTAL	1.7	5.4	13.4	23.5	22.5	18.2	11.4	3.4	.5										924		924
																		924		924	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4719200	65102	70.5	11.974	924							
Dry Bulb	5720130	72596	78.6	4.225	924			91.0	86.8	44.3		93
Wet Bulb	4737764	66022	71.5	4.694	924			91.7	42.4			

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89								.1	.1									2	2		
88/ 87						.4	.3	.8	.5									19	19		
86/ 85				.7	2.3	1.8	1.0	1.7	.4									73	73		
84/ 83			.8	4.8	5.2	3.1	2.9	1.3	.3	.1								171	171		
82/ 81		.2	1.8	7.8	6.5	6.4	3.0	1.2	.4									253	253	1	
80/ 79		.5	2.5	2.6	4.1	4.5	3.9	1.2	.1									179	179	21	6
78/ 77		.7	1.1	1.0	2.2	2.7	1.5	1.2	.4									105	105	121	18
76/ 75	.1		1.1	.9	1.7	.3	1.2	.9	.1	.2								60	60	157	91
74/ 73		.7	.3	.3	.3	1.0	.2	.5										31	31	164	124
72/ 71		.4	.1	.1	.1	.3	.3											13	13	105	107
70/ 69							.4	.1										5	5	110	128
68/ 67						.2	.2	.1	.2									7	7	88	102
66/ 65						.2		.1										3	3	24	98
64/ 63																				34	87
62/ 61																				11	45
60/ 59																				10	35
58/ 57																				6	21
56/ 55																				5	19
54/ 53																				3	8
52/ 51																				1	13
50/ 49																					7
48/ 47																					4
46/ 45																					2
44/ 43																					2
42/ 41																					1
40/ 39																					3
TOTAL	.1	2.5	7.7	18.8	22.5	21.1	15.1	9.2	2.7	.3								921	921	921	921

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4111793	60585	65.8	11.722	921
Dry Bulb	5977566	74122	80.5	3.647	921
Wet Bulb	4788745	66275	72.0	4.617	921

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			92.7	90.2	62.0		93
Wet Bulb			83.5	46.9	.8		93

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

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — OCT MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89								.1										1	1		
88/ 87								.3	.2									5	5		
86/ 85				.2	1.3	1.0	.4	1.2	.3									41	41		
84/ 83			.2	2.4	3.4	.9	1.5	1.0	.1	.1								88	88		
82/ 81			1.9	9.7	6.1	5.1	2.9	1.0	.2									247	247		
80/ 79		.3	3.1	5.1	5.7	6.2	2.4	1.1	.2									221	221	7	
78/ 77		.5	2.1	2.6	3.9	2.1	2.0	.6	.4									132	132	68	14
76/ 75		.8	.8	2.5	2.6	2.1	1.2	.7	.1	.1								99	99	152	77
74/ 73		.7	1.0	.3	1.0	.9	.9	.3										46	46	164	123
72/ 71		.7		.1	.3		.8	.2										19	19	182	110
70/ 69						.1	.5	.4										10	10	119	118
68/ 67				.1		.2	.2	.1										6	6	85	131
66/ 65							.1											1	1	53	92
64/ 63						.1												1	1	25	78
62/ 61																				12	56
60/ 59																				17	38
58/ 57																				5	20
56/ 55																				7	11
54/ 53																				1	16
52/ 51																					13
50/ 49																					9
48/ 47																					5
46/ 45																					3
42/ 41																					3
TOTAL		2.9	8.9	23.1	24.3	18.6	13.0	7.2	1.0	.2								917	917	917	917

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4298194	61880	67.5	11.563	917
Dry Bulb	5786174	72770	79.4	3.527	917
Wet Bulb	4693787	65477	71.4	4.494	917

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			92.8	89.2	50.7		93
Dry Bulb			80.8	41.7			93
Wet Bulb			58.1	21.7			93

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-73 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.1											1	1		
84/ 83				.4	.9		.3	.5										20	20		
82/ 81		.2	2.3	5.9	1.4	1.3	.8	.9										117	117		
80/ 79		1.4	3.9	8.0	4.7	3.8	.9											209	209	2	2
78/ 77		1.0	4.2	5.3	9.3	3.1	1.2											223	223	52	13
76/ 75	.3	2.5	2.6	3.5	4.2	3.1	.5	.2										157	157	119	57
74/ 73	.1	.9	2.9	1.8	2.8	2.0	1.5											111	111	161	115
72/ 71		.7	1.1	.8	1.1	.8	.9	.2										50	50	175	113
70/ 69		.1	.1	.7		.5												13	13	163	121
68/ 67				.1		.2	.3											6	6	106	134
66/ 65					.3	.3	.2											8	8	57	96
64/ 63				.2	.4	.2												8	8	34	83
62/ 61																				20	80
60/ 59																				13	29
58/ 57																				7	20
56/ 55																				10	19
54/ 53																				4	10
52/ 51																					14
50/ 49																					7
48/ 47																					4
46/ 45																					3
44/ 43																					2
42/ 41																					1
TOTAL	.4	6.7	17.1	26.7	25.1	15.4	6.7	1.8										923	923		923
																		923		923	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4893538	66422	72.0	11.100	923							
Dry Bulb	5490109	71109	77.0	3.576	923			91.4	84.4	23.3		93
Wet Bulb	4604233	65055	70.5	4.542	923			78.4	33.7			93
Dew Point	4266774	61906	67.1	6.136	923			55.9	18.8			93

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

USAFETAC

U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
84/ 83				.1	.4	.1	.2	.2										9	9		
82/ 81			2.0	3.7	1.1	1.0	.7	1.1										85	85		
80/ 79		.8	6.3	7.6	3.6	3.1	.6											185	185		
78/ 77		1.5	4.8	6.2	7.0	3.0	.6											194	194	38	11
76/ 75	.8	3.1	3.0	4.2	3.7	2.4	.6											154	154	116	62
74/ 73	.4	1.3	2.9	3.2	2.3	1.5												97	97	158	110
72/ 71		1.7	2.4	1.1	1.4	.5	.7	.1										66	66	139	112
70/ 69		.6	.1	.6	.4	.2												16	16	170	110
68/ 67			.4	.4	.5	.1	.1											12	12	94	124
66/ 65				.2	.7	.1												9	9	53	91
64/ 63			.2	.1			.2											5	5	28	70
62/ 61			.2	.1		.1												4	4	9	53
60/ 59				.2	.2													4	4	16	39
58/ 57			.1															1	1	11	17
56/ 55																				2	15
54/ 53																				4	9
52/ 51																				3	7
50/ 49																					5
48/ 47																					1
46/ 45																					2
44/ 43																					3
TOTAL	1.2	9.0	23.5	27.7	21.2	12.1	3.8	1.4										841	841		841
																		841		841	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4805792	62890	74.8	11.067	841
Dry Bulb	4913233	64195	76.3	3.952	841
Wet Bulb	4195500	59280	70.5	4.499	841

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			90.5	80.1	17.8		93
Dry Bulb			78.1	44.5			
Wet Bulb							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 — STATION
PATRICK AFB FL/COCOA BEACH — STATION NAME
67-73 — YEARS
NOV — MONTH
PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
80/ 79		.5	1.1																10	10		
78/ 77	.3	.3	.5	.5	1.0														16	16	6	6
76/ 75	.6	2.6	.6	.8	1.3	.5													40	40	15	10
74/ 73	1.9	2.4	1.3	1.9	1.9	.3													61	64	35	31
72/ 71	2.6	3.2	1.1	2.8	1.9	1.3	.3												82	82	48	41
70/ 69	2.9	3.9	2.6	1.0	1.9		.5												79	80	55	39
68/ 67	1.3	3.7	1.8	.2	1.6	.2	.3												56	56	66	45
66/ 65	1.1	3.6	2.1	1.6	.5														55	55	79	55
64/ 63	.5	3.1	1.0	1.1	.2														36	36	59	77
62/ 61	.2	2.8	1.3	2.3															40	40	38	34
60/ 59	.6	3.6	1.8		.2														38	38	47	43
58/ 57	.3	2.1	2.3	.3															31	31	46	58
56/ 55		1.3	1.5	.5	.6														24	24	37	31
54/ 53		.6	1.1	.8	.2														17	17	26	41
52/ 51		.2	.8	.3	.3														10	10	10	26
50/ 49			1.3	.3	.2														13	13	13	24
48/ 47			.5	.2															4	4	13	8
46/ 45			.3	.2															3	3	10	12
44/ 43																					9	7
42/ 41																					2	8
40/ 39																					1	7
38/ 37				.5															3	3		5
36/ 35																						6
32/ 31																					3	1
22/ 21																						2
20/ 19																						1
TOTAL	12.5	33.8	23.1	15.4	11.8	2.3	1.1												618	622	618	618

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4355723	51259	82.9	12.991	618							
Dry Bulb	2703444	41192	66.2	7.561	622			50.4	18.8			90
Wet Bulb	2479833	38639	62.8	7.945	618		.4	32.8	8.2			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — (7-7) YEARS — NOV MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79		.5	.5															6	6		
78/ 77	.2	.2	.6	.5	.8													14	14	4	4
76/ 75	.3	1.6		.8	.6	.2												22	22	8	6
74/ 73	2.4	2.1		1.5	1.8	.6												52	54	35	31
72/ 71	2.4	2.3	2.4	.8	1.3	1.1												64	66	31	26
70/ 69	3.2	2.8	2.8	.8	1.6	.3												71	73	46	39
68/ 67	2.4	3.7	2.4	.3	.8	.6	.8											69	69	69	45
66/ 65	2.1	4.0	1.9	.3	1.1													59	59	72	55
64/ 63	1.5	4.0	2.6	1.0	.5	.2												60	60	69	80
62/ 61	.8	2.4	1.3	.3	.3													32	32	50	41
60/ 59	.3	3.2	2.1	.8														40	40	40	43
58/ 57	.3	4.2	2.4	1.3	.2													52	52	44	53
56/ 55		1.6	1.1	.2	.3													20	22	53	39
54/ 53		.3	.3	1.0														10	10	23	37
52/ 51		.5	1.0	.8														14	14	17	29
50/ 49			.5	1.3	.3													13	13	8	13
48/ 47			.3	.6														6	6	12	17
46/ 45			.6	.2														5	5	9	11
44/ 43			.3	.5														5	5	12	7
42/ 41				.2														1	1	6	9
40/ 39																				3	12
38/ 37			.5															3	3	3	4
36/ 35																				1	4
34/ 33																				3	4
32/ 31																					2
30/ 29																					4
28/ 27																					1
26/ 25																					2
TOTAL	16.0	33.5	23.8	13.1	9.7	3.1	.8										618	626	618		618

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4462621	51875	83.9	13.244	618			43.7	13.8			90
Dry Bulb	2679495	40669	65.0	7.733	626			2				90

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

AFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1													1	1		
80/ 79		.5	.4	.3	1.3	.1												20	20		
78/ 77		.5		.6	1.4	.1	.1											22	22	4	4
76/ 75	.1	1.0	.9	1.5	1.1	.6												42	42	9	8
74/ 73	1.1	2.3	.4	2.0	1.0	.8												60	60	38	23
72/ 71	1.8	1.6	1.8	2.1	1.4	1.5												81	83	46	29
70/ 69	2.5	2.5	2.4	1.8	1.3	.4	.1	.1										88	88	69	58
68/ 67	2.3	4.0	2.6	1.6	.5	.5	.3											96	96	77	55
66/ 65	1.9	2.5	1.8	1.4	.4	.1												64	64	99	84
64/ 63	.9	3.5	2.4	1.0	.4													65	65	77	78
62/ 61	.6	1.8	1.6	1.5														44	44	77	59
60/ 59		2.8	1.4	1.4	.8	.3												52	52	50	68
58/ 57	.1	2.5	1.3	1.3	.5	.1												46	46	49	65
56/ 55	.1	2.3	.9	.5	.5													34	35	57	56
54/ 53		.4	.3	2.0	.1	.1												23	23	28	37
52/ 51		.4	.8	.8	.3													17	17	28	34
50/ 49			.4	.6	.3													10	10	18	20
48/ 47			.9	.9														14	14	22	20
46/ 45			.3															2	2	9	13
44/ 43			.1															1	1	18	20
42/ 41			.4	.1														4	4	7	16
40/ 39			.4	.1														4	4	3	16
38/ 37			.4															3	3		9
36/ 35			.1															1	1	5	5
34/ 33																				3	9
32/ 31																				1	1
30/ 29																					3
28/ 27																					3
26/ 25																					2
TOTAL	11.5	28.6	21.7	21.5	11.2	4.7	.8	.1											797		794
																		794		794	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	5358177	64331	81.0	13.568	794
Dry Bulb	3455526	52076	65.3	8.151	797
Wet Bulb	3071467	48935	61.6	8.370	794
Dew Point	2865777	46892	59.1	9.410	794

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
			46.5	16.4	1.4		90
		.1	27.5	5.8			90

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

☆ U. S. GOVERNMENT PRINTING OFFICE - 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — NO. MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83					.3													3	3		
82/ 81			.3	.4	2.1	1.5	.1											40	40		
80/ 79		.6	1.0	2.0	1.8	1.7	.3											66	66		
78/ 77		1.0	1.5	1.7	1.8	1.7	.8											75	75	9	7
76/ 75		1.7	1.9	3.6	1.9	2.7	.7											111	111	34	15
74/ 73	.3	1.1	1.7	3.8	1.7	1.8	.7	.2										101	101	76	33
72/ 71	.6	1.7	2.2	2.5	2.2	1.3	.3	.3										100	100	80	66
70/ 69	.8	1.1	2.4	2.2	1.8	1.3	.2											88	88	99	64
68/ 67	.3	1.1	2.4	1.8	1.6	.9	.2		.1									75	75	116	83
66/ 65	.2	.4	1.2	1.6	1.0	.2	.3	.2	.1									48	48	93	86
64/ 63		.6	1.1	1.3	1.2	1.0	.6											52	52	75	74
62/ 61			.3	.9	1.1	.7	.2											29	29	66	78
60/ 59		.3	.9	.6	.4	.7	.3											29	29	51	69
58/ 57		.2	.2	.7	.9	.3												21	21	38	62
56/ 55	.1	.4		.8	.7		.1											19	19	34	39
54/ 53		.1	.2	.3	.4	.2												12	12	31	44
52/ 51				.6		.1												6	6	23	36
50/ 49			.3		.3													6	6	27	16
48/ 47				.1														1	1	13	15
46/ 45			.1															1	1	10	21
44/ 43			.1	.3														4	4	3	18
42/ 41				.2														2	2	5	25
40/ 39			.1															1	1	2	13
38/ 37																				4	9
36/ 35																				1	3
34/ 33																					4
32/ 31																					7
30/ 29																					2
28/ 27																					1
TOTAL	2.4	10.4	18.1	25.5	21.5	16.2	4.9	.6	.2									890			890
																			890	890	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4727453	63783	71.7	13.262	890
Dry Bulb	4445265	62537	70.3	7.376	890
Wet Bulb	3730651	57189	64.3	7.925	890
Dew Point	3324166	53692	60.3	9.780	890

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			66.0	40.0	6.7		90
Wet Bulb			41.9	12.0			90
Dew Point		1.0	27.1	5.6			90

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85						.1		.3	.3	.1								8	8		
84/ 83				.1	1.7	1.0	.6	.5		.1								35	35		
82/ 81			.6	1.2	2.5	2.1	1.0	.7	.1	.1								74	74		
80/ 79		.2	1.2	1.1	2.3	3.0	.9		.1									79	79		
78/ 77		.2	2.4	2.9	5.0	3.2	2.4	.2	.2									146	146	12	3
76/ 75		.9	1.4	2.7	2.8	3.6	2.0	.1	.1									121	121	49	15
74/ 73		.3	1.9	2.6	1.1	2.5	1.7	.9	.1									99	99	86	30
72/ 71	.1	.5	1.5	.9	2.6	2.4	1.4	1.5	.3									98	98	91	57
70/ 69	.3		.7	.9	1.0	1.7	1.0	.6	.2	.5								61	61	132	77
68/ 67		.2	.6	.8	.8	1.5	1.1	.5	.3	.1								52	52	95	82
66/ 65		.1	.3	1.0	.5	.9	.8											32	32	86	90
64/ 63			.1	.6	.5	1.0	.5	.2	.1									26	26	78	83
62/ 61		.1	.2	.1	.5	.2	.6	.1	.1									17	17	59	60
60/ 59					.5	.1	.7											11	11	47	74
58/ 57					.3	.3	.3	.1										10	10	42	64
56/ 55				.1	.3	.2												6	6	29	43
54/ 53			.1			.1												2	2	23	37
52/ 51		.3			.1													4	4	13	25
50/ 49						.1												1	1	20	24
48/ 47				.1	.1													2	2	13	28
46/ 45				.3														3	3	4	26
44/ 43																				3	12
42/ 41																				1	5
40/ 39																				4	8
38/ 37																					14
36/ 35																					6
34/ 33																					12
32/ 31																					4
30/ 29																					2
28/ 27																					1
TOTAL	.5	2.9	10.9	15.6	22.4	24.1	14.9	5.6	2.1	.9								887	887		887
																		887		887	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3795967	56777	64.0	13.508	887							
Dry Bulb	4854484	65358	73.7	6.303	887							

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

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U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.1		.1	.4	.3									9	9		
84/ 83					.3	.7	.4	.1	.1									15	15		
82/ 81				.7	2.7	1.5	.4	.4	.2									53	53		
80/ 79		.6	1.0	2.4	2.7	1.9	.4	.1		.1								82	82		
78/ 77	.1	1.0	1.8	1.6	3.5	2.4	.7		.2									100	100	9	6
76/ 75	.4	1.6	1.1	4.0	3.9	2.9	1.3	.2	.1									140	140	40	18
74/ 73	.7	1.0	2.1	3.4	1.6	3.8	.7	.6	.2									125	125	87	35
72/ 71	.1	.6	1.5	1.7	2.5	1.8	1.5	.7										91	91	96	58
70/ 69		.2	1.9	1.9	1.0	1.8	1.1	.7	.1	.4								82	82	115	58
68/ 67		.4	.3	1.0	1.6	2.5	1.2	.1	.2	.1								67	67	108	89
66/ 65		.2	.4	.7	1.1	1.2	.4	.1	.2									40	40	71	97
64/ 63	.1	.1		1.0	.6	.6	.1	.3	.1									26	26	95	86
62/ 61				.3	.3	.2	.7		.1									15	15	54	50
60/ 59		.2			.3	.4	.6	.3										17	17	52	71
58/ 57		.1		.1	.3	.4	.2	.1										12	12	57	71
56/ 55					.2	.3	.2											7	7	31	34
54/ 53					.1													1	1	12	38
52/ 51		.2				.3												5	5	17	38
50/ 49		.1																1	1	17	25
48/ 47																				14	34
46/ 45				.2														2	2	9	13
44/ 43				.1														1	1	1	10
42/ 41																				3	6
40/ 39																				3	10
38/ 37																					11
36/ 35																					9
34/ 33																					12
32/ 31																					5
30/ 29																					4
28/ 27																					3
TOTAL	1.5	6.4	10.2	19.1	22.9	22.8	10.2	4.3	2.0	.7								891	891	891	891

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4080428	58872	66.1	14.631	891
Dry Bulb	4756237	64851	72.8	6.368	891
[illegible]	[illegible]	58085	65.2	7.146	891

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
			77.2	52.9	11.0		90
			46.0	13.7			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — NOV MONTH

 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81					.1													1	1		
80/ 79		.1	1.1	2.5	1.5	.1	.3	.3										55	53		
78/ 77	.1	1.0	1.0	2.2	2.7	.2												64	64	2	2
76/ 75	.5	1.2	1.5	2.5	3.6	1.0												91	91	30	14
74/ 73	1.0	2.6	3.1	5.3	2.3	1.2												137	137	67	37
72/ 71	.5	1.9	2.7	3.4	3.7	1.5	.2											123	123	80	50
70/ 69	.3	1.2	2.5	2.7	1.6	1.7	.5	.1										94	94	91	76
68/ 67		2.8	1.2	1.8	1.9	.8	.6											81	81	131	59
66/ 65		.7	.7	2.2	1.7	.8	.3											56	56	89	109
64/ 63	.1	.7	.6	2.2	2.6	.2	.5	.1										61	61	88	92
62/ 61	.1	.1	.7	1.7	1.4	.1	.3	.1										40	40	49	68
60/ 59		.1	.6	.3	.5	.8		.2										22	22	56	53
58/ 57			.5	.6	.5	.2	.3											18	18	51	56
56/ 55			.5	.1	1.0	.2	.3											19	19	51	41
54/ 53				.1	.5	.2												7	7	25	46
52/ 51		.1		.3	.5													8	8	16	47
50/ 49		.2			.1	.2												5	5	22	26
48/ 47																				8	27
46/ 45																				17	16
44/ 43																				4	5
42/ 41				.1	.2													3	3	3	18
40/ 39																					11
38/ 37																				1	8
36/ 35																				1	5
34/ 33																				1	5
32/ 31																					5
30/ 29																					4
28/ 27																					1
26/ 25																					1
22/ 21																					1
TOTAL	2.6	12.9	16.5	26.0	26.3	9.4	3.4	.9										883	883		883
																		883		883	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4827806	64206	72.7	13.433	883							
Dry Bulb	4329320	61554	69.7	10.598	883			63.4	35.5			

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — NOV MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79		.4	1.2	1.7	.4		.1											35	35		
78/ 77		.4	.9	2.1	1.0													40	40	4	3
76/ 75	.7	1.8	2.0	1.5	3.1	.8	.1											89	89	22	11
74/ 73	.7	2.7	2.0	3.3	1.8	1.1												103	104	67	36
72/ 71	.9	1.8	2.9	3.5	1.8	1.6	.1											112	112	[illegible]	[illegible]
70/ 69	1.3	1.8	4.4	3.6	1.7	1.0	.4	.2										129	129	7	62
68/ 67	.2	2.1	1.9	2.1	1.3	.2	.2											73	73	122	52
66/ 65	.4	2.1	1.1	1.2	1.0	.1	.1											55	55	105	102
64/ 63	.7	1.2	1.3	2.9	.6	.4	.1											65	65	91	93
62/ 61	.2	1.6	1.1	1.2	.6	.4	.2											48	48	62	90
60/ 59	.3	.8	1.5	1.8	.3	.1												43	43	57	64
58/ 57	.2	.4	.9	.6	.7	.2	.2											29	29	59	53
56/ 55		.3	1.1	.7	.8	.6												31	31	38	58
54/ 53			.3	.3		.6	.1											12	12	36	39
52/ 51		.2	.1	.8	.3													13	13	18	40
50/ 49		.1	.4	.4	.1													10	10	21	28
48/ 47			.2															2	2	19	18
46/ 45																				12	13
44/ 43																				11	14
42/ 41																				2	13
40/ 39				.1	.1													2	2		14
38/ 37				.1														1	1		11
36/ 35																					5
34/ 33																				2	
32/ 31																				1	6
28/ 27																					1
24/ 23																					1
22/ 21																					1
20/ 19																					1
TOTAL	5.7	17.9	23.5	27.9	15.7	7.2	1.8	.2											893		892
																		892		892	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	5439256	68650	77.0	13.224	892
Dry Bulb	4185485	60803	68.1	7.142	893
[illegible]	[illegible]	[illegible]	63.4	7.675	892

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
			58.7	27.0	1.3		90
		.1	36.1	9.4			90

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-74 YEARS — DEC MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77					.2													1	1		
76/ 75	.5	.8	.2	1.8	1.1													27	27	3	3
74/ 73	.2	1.6	1.0	2.3	1.0	.2	.3											40	46	6	4
72/ 71	1.6	2.1	2.0	2.7	1.6	.6	.5											73	75	31	23
70/ 69	1.3	1.9	3.7	1.9	1.0	.2			.2									63	70	48	27
68/ 67	1.4	2.3	2.7	1.3	.3	.2												51	55	59	38
66/ 65	2.1	4.2	1.0	.3	1.4													60	60	61	64
64/ 63	.8	3.9	1.9	1.1	.8													53	53	59	69
62/ 61	1.8	1.6	2.3	.8														40	40	57	55
60/ 59	.2	1.8	1.1	.3	.2													22	22	32	45
58/ 57		1.3	2.0	.2														25	25	40	32
56/ 55	1.0	2.9	1.8	.5	.2													39	41	29	34
54/ 53	.2	2.9	1.0	1.4	.3													36	36	40	41
52/ 51	.2	.0	1.8	1.0	.3	.3												26	26	32	36
50/ 49			1.4	1.3	1.3	.2												26	26	11	37
48/ 47		.5	.2	.3	.8													11	11	24	9
46/ 45		.6	.3	.5	.5													12	12	15	13
44/ 43		.5	.3															5	5	15	21
42/ 41		.3	.5															5	5	20	13
40/ 39			.5															3	3	10	8
38/ 37				.2														1	1	3	7
36/ 35			.2	.2														2	2	3	14
34/ 33																					5
32/ 31																				3	10
30/ 29																					6
28/ 27																					4
24/ 23																					3
TOTAL	11.1	29.8	27.5	18.0	11.0	1.6	.8		.2										642		621
																		621		621	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4227330	50566	81.4	13.314	621							
Dry Bulb	2602647	40497	63.1	8.664	642			39.7	10.7			
Wet Bulb	2244007	36907	58.4	8.011								

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-73 YEARS — DEC MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

J Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75	.5	.8	.2	1.0														15	15	3	3
74/ 73	.2	1.2	.5	2.6	.2	.5	.3											33	33	9	4
72/ 71	1.2	1.2	1.0	2.3	.8	.2	.8											45	51	17	15
70/ 69	1.8	1.7	2.5	1.5	1.0				.2									52	60	29	22
68/ 67	2.3	3.3	3.3	1.5	.3	.5												68	78	57	32
66/ 65	1.7	5.0	1.5	1.5	.2													59	66	67	57
64/ 63	2.2	4.0	.7	1.8	.2	.2												54	54	71	71
62/ 61	.8	2.6	2.0	.5	.2													37	37	52	50
60/ 59	.5	2.2	1.0	.7		.2												27	27	43	39
58/ 57		2.3	1.5		.3													25	25	28	36
56/ 55	.5	2.3	2.3	.3	.3													35	38	25	36
54/ 53	.7	3.3	2.2	.7														41	41	47	39
52/ 51	.3	1.3	1.3	.2		.3												21	21	31	41
50/ 49		.2	3.1	1.3	.3	.2												31	31	25	30
48/ 47		.3	.5	1.7	.5													18	18	13	17
46/ 45	.5	.5	.7	.5	.3													15	15	24	18
44/ 43		.3		1.7	.2													13	13	12	15
42/ 41		.2	.5	.2														5	5	18	13
40/ 39	.2	.2	.5															5	5	13	7
38/ 37			.3															2	2	11	14
36/ 35																				4	9
34/ 33			.3															3	3	2	5
32/ 31																					10
30/ 29																				3	3
28/ 27																					13
26/ 25																					2
24/ 23																					3
TOTAL	13.2	32.8	26.0	19.9	4.8	2.0	1.2		.2									638			604
																		604		604	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4228020	49888	82.61	13.350	604							
Dry Bulb	2477491	39349	61.7	8.914	638			34.5	7.0			93

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

AFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12807 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — DEC MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1													1	1		
76/ 75	.3	.9	.3	.1	.5	.3	.4											21	21	2	2
74/ 73	.1	.9	.4	.9	.4	.5	.5	.1										30	30	9	5
72/ 71	.9	1.6	1.5	1.3	.6	.1	.6											53	56	24	17
70/ 69	1.5	2.7	3.0	1.9	.6	.1												78	88	32	27
68/ 67	1.5	2.8	3.3	.6	.6	.1					.1							72	81	65	41
66/ 65	.9	4.7	3.3	1.9	.1													86	95	70	55
64/ 63	2.8	4.2	1.9	1.4	.3													83	85	105	90
62/ 61	.4	1.4	1.0	.9	.1													30	30	78	62
60/ 59	.5	3.2	1.0	.6														42	42	58	61
58/ 57	.1	2.5	.6	.5														30	33	43	55
56/ 55	.3	2.4	2.5	.8														47	47	36	64
54/ 53	.4	2.0	2.7	1.0	.3													50	50	39	41
52/ 51	.6	1.4	2.0	.6	.6													42	42	36	38
50/ 49		.4	1.9	1.5	.3	.1												33	33	40	27
48/ 47		.5	.9	1.3	.4	.4												27	27	32	29
46/ 45	.4	1.0	1.3	.1	.5													26	26	22	36
44/ 43			.0	.5														9	9	34	24
42/ 41			.8	.5	.1													11	11	16	13
40/ 39		.3	.5	.4														9	9	15	12
38/ 37			.3	.1														3	3	14	25
36/ 35			.3															2	2	8	21
34/ 33			.4															3	3	7	5
32/ 31																					6
30/ 29																				3	7
28/ 27																					12
26/ 25																					10
24/ 23																					3
TOTAL	10.7	32.9	30.5	17.0	5.6	1.6	1.5	.1			.1							788	824	788	788

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F.	≤ 32 F.	≥ 67 F.	≥ 73 F.	≥ 80 F.	≥ 93 F.	Total
Rel. Hum.	5406545	64435	81.8	13.226	788							
Dry Bulb	5147387	50179	63.7	9.072	788							

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — DEC MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.1	.2		.2	.1		.1									7	7		
80/ 79			.5	.5	.3	.8	.2											22	22		
78/ 77		.1	1.0	.9	.9	.3	.5	.2										36	36	1	
76/ 75		1.1	1.9	2.6	1.2	1.1	.5	.4										81	81	8	3
74/ 73	.2	1.9	2.3	2.1	1.9	.4	.7	.2										88	89	33	19
72/ 71	.1	1.6	2.4	3.5	1.5	1.0												93	98	57	34
70/ 69	.3	3.0	3.8	2.2	1.3	.2												99	101	88	53
68/ 67	.2	2.0	3.0	1.8	1.1	.2	.2											77	79	101	68
66/ 65	.2	1.4	.9	2.0	1.0	.2	.1	.1										54	54	100	87
64/ 63	.1	2.0	.9	1.4	.9	.2												50	51	88	76
62/ 61	.1	1.3	1.2	1.5	.5	.3	.2	.1										49	49	69	89
60/ 59		1.3	1.2	1.3	.9	.3	.4	.1										51	53	47	49
58/ 57		1.1	1.0	1.0	1.1	.3	.2											49	49	54	58
56/ 55		1.0	.5	1.5	.7	.4												38	38	37	67
54/ 53		.2	1.5	.5	.4	.2	.4											31	31	41	50
52/ 51	.1		.3	.9	.1	.4	.1											18	18	29	26
50/ 49	.1	.2	1.0	.9	.4	.4												28	28	44	30
48/ 47			.3	.7	.2	.4												15	15	28	29
46/ 45			.7	.4	.1	.1												12	12	23	24
44/ 43			.3		.1													4	4	19	24
42/ 41			.2	.2	.1													5	5	18	23
40/ 39			.1		.1													2	2	14	22
38/ 37			.1	.1														2	2	5	16
36/ 35			.1															1	1	5	17
34/ 33																				1	10
32/ 31																				2	11
30/ 29																					6
28/ 27																					6
26/ 25																					7
24/ 23																					5
22/ 21																					1
TOTAL	1.5	18.2	25.4	27.0	14.9	7.8	3.8	1.2	.1									912	925		912
																		912		912	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5169460	67462	74.0	14.025	912							
Dry Bulb	4068824	60798	65.7	8.871	925			51.6	23.6	1.1		93

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

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U.S. GOVERNMENT PRINTING OFFICE — 1971 782-830

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12857 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85								.2										2	2		
84/ 83					.1	.2	.3		.2									8	8		
82/ 81		.1	.1	.4	.5	.3	.5		.1									20	20		
80/ 79			.7	2.2	1.4	2.6	.7	.7										75	75	1	1
78/ 77		.1	1.6	1.6	2.6	1.5	.7	.4	.2									81	81	1	1
76/ 75		.3	2.2	4.8	2.1	1.0	1.0	.5										115	115	14	2
74/ 73		.8	1.2	4.0	2.4	.5	.7											88	89	53	18
72/ 71	.1	.2	2.2	2.9	2.1	2.4	.1		.1									93	94	90	44
70/ 69	.4	.8	1.7	1.4	3.4	1.8	.5	.3	.1	.1								98	100	106	58
68/ 67	.3	.1	1.4	.9	2.2	.5	.4	.3	.2									59	59	115	80
66/ 65	.1	.3	.7	1.6	.9	.9	.4	.7	.1									52	53	74	99
64/ 63	.1	.3	.4	1.0	1.4	1.1	.9	.4	.1									53	53	75	83
62/ 61	.1	.3	.3	.2	2.1	.5	.3	.8										43	43	86	57
60/ 59		.3	.3	.2	1.2	.4	.4	.2	.1									30	30	48	47
58/ 57		.3	.3	.4	.9	.7	.5	.4	.1									34	34	29	62
56/ 55		.3		1.2	.4	.2	.5	.4										29	29	41	79
54/ 53				.8		.3	.2	.2										14	14	43	44
52/ 51			.3	.3	.2	.3	.3											14	14	33	16
50/ 49			.1	.1	.1	.1												4	4	33	27
48/ 47				.2														2	2	28	27
46/ 45			.2			.1												3	3	13	31
44/ 43					.1													1	1	14	27
42/ 41					.1													1	1	17	21
40/ 39																				2	18
38/ 37																					15
36/ 35																				3	10
34/ 33																					9
32/ 31																					14
30/ 29																					4
28/ 27																					7
26/ 25																					6
24/ 23																					7
22/ 21																					3
20/ 19																					2

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

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

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U.S. GOVERNMENT PRINTING OFFICE: 1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.2	4.4	13.8	24.4	24.2	15.7	9.2	5.7	1.4	.1								919	924	919	919

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4201557	60579	65.9	15.063	919							
Dry Bulb	4548102	64426	69.7	7.789	924			64.7	39.3	6.1		93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS — DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85							.2											2	2		
84/ 83							.2	.1	.1									4	4		
82/ 81				.3	.1	.4	.4											12	12		
80/ 79			.7	1.2	1.7	.8	.3	.1	.2									46	46		
78/ 77			1.4	1.5	1.3	.7	1.1	.2										57	57		
76/ 75		1.6	2.4	3.9	2.0	1.1	.8	.4										112	112	9	4
74/ 73		2.1	4.0	3.7	1.4	1.3	.8											122	123	55	15
72/ 71	.1	.5	2.7	2.9	1.2	2.0	.1											88	89	93	45
70/ 69	.1	.8	2.6	2.9	3.6	1.8	.4		.3	.1								117	117	98	70
68/ 67	.8	.2	1.4	2.1	1.4	1.0	.8	.4	.2									76	76	106	96
66/ 65		.5	1.1	1.3	.9	.5	.2	.2	.2									46	46	77	69
64/ 63	.1	.2	.5	1.1	1.4	1.2	.5	.8	.1									55	55	86	80
62/ 61		.8	.8	.3	2.0	1.2	.2	.4	.3									55	55	89	64
60/ 59	.3	.2		.3	1.3	1.3	.3	.8	.2									44	44	49	62
58/ 57		.2		.7	.8		.9	.4	.2									29	29	36	79
56/ 55		.4	.4	1.0	.8	.4	.1	.3	.1									33	33	31	58
54/ 53				.5	.1	.1	.3	.1										11	11	44	37
52/ 51				.2	.2	.1	.2											7	7	43	18
50/ 49				.1	.1	.1												3	3	34	26
48/ 47						.1												1	1	24	23
46/ 45					.1	.1												2	2	24	32
44/ 43																				8	24
42/ 41																				11	31
40/ 39																				2	14
38/ 37																				3	11
36/ 35																					13
34/ 33																					10
32/ 31																					9
30/ 29																					9
28/ 27																					8
26/ 25																					5
24/ 23																					3
22/ 21																					3
20/ 19																					4

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

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.4	7.6	18.0	24.1	20.3	14.2	7.9	4.3	2.1	.1								922	924	922	922

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4463703	62477	67.8	15.806	922							
Dry Bulb	4466188	63902	69.2	7.125	924			64.2	35.8	3.0		93
Wet Bulb	3655919	57547	62.4	8.343	922			36.4	6.5			93

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

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81				.1	.1													2	2		
80/ 79			.1	.2	.2													5	5		
78/ 77		.2	.3	.5	.9													18	18		
76/ 75		1.6	1.4	1.0	.8	.7	.5											55	55	4	3
74/ 73	.1	2.8	3.1	2.9	1.4	.9	.3											106	110	28	9
72/ 71	.4	2.8	4.8	3.7	1.3	.8	.3											130	131	61	39
70/ 69	.4	2.1	5.0	2.1	1.6	.3	.1											107	108	85	57
68/ 67	1.2	.9	3.5	2.5	1.3	.8												93	93	113	80
66/ 65	.2	.9	2.0	2.5	.5	.3	.2											61	61	96	94
64/ 63	.3	1.3	.5	1.3	.7	.4												42	42	84	68
62/ 61	.2	1.6	1.5	1.3	.8	.3	.1											54	54	65	82
60/ 59		1.2	1.4	1.6	1.1	.1	.2	.1										53	53	58	58
58/ 57	.1	.7	.5	1.7	2.2	.5	.4	.1										58	58	43	69
56/ 55		.2	1.0	1.7	1.4	1.0												49	49	37	61
54/ 53			.7	1.2	1.1	.7	.2											35	35	35	43
52/ 51		.2	.8	.7	.7	.3	.2	.1										27	27	43	21
50/ 49			.2	.1	.1	.4												8	8	46	31
48/ 47		.2	.1	.3	.1	.2												9	9	34	24
46/ 45			.1															1	1	32	32
44/ 43					.1													1	1	11	39
42/ 41					.2													2	2	10	28
40/ 39																				7	11
38/ 37																				1	16
36/ 35																				2	17
34/ 33																				1	13
32/ 31																					2
30/ 29																					1
28/ 27																					10
26/ 25																					3
24/ 23																					4
22/ 21																					1
TOTAL	3.1	16.8	27.1	25.7	16.6	7.8	2.7	.3											922		916
																		916		916	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5248855	68137	74.4	14.044	916							
Dry Bulb	4063400	60818	66.0	7.489	922			52.7	19.2	.2		93
Wet Bulb	3471450	55854	61.0	8.474	916			29.5	3.2			93
Dew Point	2101577	52196	57.2	10.193	916			14.1	1.2			71

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-73 YEARS — DEC MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79			.2	.1														3	3		
78/ 77		.2		.2	.2													6	6		
76/ 75	.1	1.2	.8	1.7	.7	.6	.3											48	48	5	3
74/ 73	.4	2.0	2.5	1.7	1.3	.7	.1											79	86	16	8
72/ 71	.3	2.5	3.5	3.6	1.2	.4	.2											108	110	47	26
70/ 69	.9	2.8	4.7	3.2	1.0	.7												120	122	73	55
68/ 67	1.0	3.2	1.8	2.5	.7		.1											84	85	102	68
66/ 65	.7	2.3	2.2	1.1	.8													64	64	121	85
64/ 63	.4	2.0	1.7	1.2	.6	.3												56	56	79	89
62/ 61	.7	1.5	1.2	1.3	.6													48	48	74	78
60/ 59		.9	1.7	1.2	.1													35	35	51	69
58/ 57	.0	1.7	2.4	1.0	.3	.1												54	54	40	55
56/ 55	.1	1.3	1.5	1.5	.7	.7	.1											54	54	58	48
54/ 53		.4	2.4	1.7	.8	.4												52	52	51	47
52/ 51	.1	.2	1.0	2.2	1.0	.3	.2											46	46	29	53
50/ 49		.2	.7	.3	.7	.7												23	23	36	38
48/ 47		.6	.3	.2	.6	.1												16	16	35	28
46/ 45			.1															1	1	43	32
44/ 43		.1	.6															6	6	14	15
42/ 41																				14	24
40/ 39				.1	.1													2	2	15	18
38/ 37				.1														1	1		19
36/ 35																					11
34/ 33																				2	12
32/ 31																				1	5
30/ 29																					0
28/ 27																					9
26/ 25																					2
24/ 23																					3
TOTAL	5.2	23.2	29.4	25.1	11.1	5.0	1.1												918		906
																		906		906	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	5646827	70513	77.8	13.250	906
Dry Bub	3860824	59066	64.3	8.116	918
Wet Bulb	3339403	54437	60.1	8.704	906

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							93
Dry Bub			46.6	14.5			93
Wet Bulb		.1	24.9	2.2			93

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

U. S. GOVERNMENT PRINTING OFFICE—1974 762-610

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 57-76 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV.	DEC	ANNUAL
00-02	MEAN	62.2	58.7	64.6	70.3	74.2	77.2	78.9	78.4	79.3	75.7	66.2	63.1	70.5
	S D	8.164	7.589	6.346	4.046	2.765	2.653	2.096	2.486	2.358	4.424	7.561	8.664	9.054
	TOTAL OBS	729	665	741	673	647	627	648	647	621	647	622	642	7909
03-05	MEAN	61.0	57.6	63.1	68.8	72.9	76.2	78.0	77.7	78.5	74.8	65.0	61.7	69.4
	S D	8.376	8.079	6.724	4.241	3.190	2.571	1.984	2.407	2.388	4.659	7.733	8.914	9.323
	TOTAL OBS	723	671	740	673	649	629	649	648	626	647	626	638	7919
06-08	MEAN	60.5	58.0	63.8	69.5	74.4	77.8	79.1	79.2	79.2	74.8	65.3	61.1	70.6
	S D	8.661	8.361	7.067	4.487	3.445	2.851	2.356	2.613	2.827	4.856	8.151	9.072	9.710
	TOTAL OBS	848	780	895	868	921	889	928	910	892	910	797	824	10462
09-11	MEAN	64.9	63.3	69.3	74.8	79.4	82.1	83.6	83.5	83.1	78.6	70.3	65.7	75.0
	S. D.	8.862	8.505	7.245	4.634	3.110	3.118	2.419	2.488	2.984	4.225	7.576	8.871	9.506
	TOTAL OBS	914	831	920	894	923	894	924	922	889	924	890	925	10850
12-14	MEAN	69.1	67.5	72.3	77.0	80.8	83.5	84.9	84.9	84.6	80.5	73.7	69.7	77.4
	S. D	8.278	7.786	6.735	4.880	3.650	3.564	2.911	2.664	2.941	3.647	6.603	7.789	8.409
	TOTAL OBS	912	835	925	894	921	890	925	920	892	921	887	924	10846
15-17	MEAN	68.6	67.1	71.7	76.4	79.6	82.1	83.6	83.4	83.4	79.4	72.8	69.2	76.5
	S. D.	7.844	7.421	6.566	4.889	3.623	4.008	3.359	3.441	3.039	3.527	6.368	7.125	8.054
	TOTAL OBS	911	831	922	894	918	891	922	904	892	917	891	924	10817
18-20	MEAN	65.3	63.9	68.8	73.6	77.1	79.7	80.9	81.0	81.2	77.0	69.7	66.0	73.8
	S D	7.534	7.294	6.146	4.398	3.013	3.246	3.064	2.843	2.630	3.574	6.598	7.489	8.189
	TOTAL OBS	909	834	916	892	914	887	922	915	889	923	883	922	10806
21-23	MEAN	63.8	61.6	66.9	72.1	75.8	78.5	79.5	79.7	80.2	76.3	68.1	64.3	72.0
	S D	7.870	7.412	6.061	4.051	2.709	2.718	2.501	2.590	2.568	3.952	7.142	8.116	8.553
	TOTAL OBS	906	828	892	840	833	805	835	826	808	841	893	918	10225
ALL HOURS	MEAN	64.6	62.5	67.8	73.1	77.0	79.9	81.3	81.2	81.4	77.3	69.2	65.4	73.4
	S D	8.737	8.614	7.401	5.351	4.191	4.004	3.596	3.674	3.465	4.558	7.809	8.741	9.261
	TOTAL OBS	6852	6275	6951	6628	6726	6512	6753	6692	6509	6730	6489	6717	79834

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS)

HRS (L S T)		JAN	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV	DEC.	ANNUAL
00-02	MEAN	59.3	55.2	61.1	65.6	69.3	73.8	75.0	75.4	74.6	70.8	62.8	59.4	66.7
	S D	9.001	8.297	7.187	5.248	3.558	2.104	1.678	1.915	2.352	4.440	7.945	9.031	9.119
	TOTAL OBS	729	665	741	671	647	627	647	644	621	639	618	621	7870
03-05	MEAN	58.4	54.5	60.3	65.0	68.8	73.4	74.7	75.0	74.2	70.3	61.8	58.2	66.0
	S D	9.362	8.847	7.669	5.351	3.702	2.072	1.556	1.905	2.343	4.628	8.187	9.415	9.466
	TOTAL OBS	723	671	740	673	649	627	649	644	626	631	618	604	7855
06-08	MEAN	57.8	54.9	60.6	65.0	69.8	74.0	75.2	75.6	74.6	69.7	61.6	57.6	66.7
	S D	9.480	9.084	7.812	5.357	3.561	2.247	1.916	1.995	2.514	5.010	8.370	9.522	9.562
	TOTAL OBS	847	780	895	868	921	889	928	909	890	899	794	788	10408
09-11	MEAN	60.5	57.8	63.1	67.1	71.7	75.8	77.2	77.5	76.3	71.5	64.3	60.6	68.7
	S D	9.446	9.061	7.889	5.420	3.467	2.194	1.841	1.871	2.538	4.694	7.925	9.214	9.281
	TOTAL OBS	914	831	920	894	922	894	924	922	889	924	890	912	10836
12-14	MEAN	62.3	59.5	64.2	67.9	72.2	76.4	77.8	78.1	76.8	72.0	65.5	62.5	69.7
	S D	8.733	8.570	7.386	5.357	3.533	2.290	1.983	1.930	2.411	4.617	7.310	8.560	8.702
	TOTAL OBS	912	835	925	894	921	890	925	920	892	921	887	919	10841
15-17	MEAN	62.0	59.6	64.2	67.7	71.9	75.6	77.0	77.2	76.2	71.4	65.2	62.4	69.2
	S D	8.416	8.209	6.978	5.227	3.534	2.527	2.321	2.367	2.485	4.494	7.346	8.343	8.409
	TOTAL OBS	911	830	922	894	918	891	922	903	892	917	891	922	10813
18-20	MEAN	60.8	58.4	63.1	66.7	70.9	74.4	75.5	76.0	75.2	70.5	64.1	61.0	68.1
	S D	8.524	8.181	6.902	5.407	3.417	2.363	2.321	2.183	2.408	4.542	7.526	8.474	8.450
	TOTAL OBS	909	834	916	892	914	886	921	913	887	923	883	916	10794
21-23	MEAN	60.0	57.3	62.4	66.2	70.4	74.0	75.0	75.6	74.9	70.5	63.4	60.1	67.3
	S D	8.644	8.245	6.892	5.342	3.346	2.168	2.113	2.099	2.409	4.499	7.675	8.704	8.707
	TOTAL OBS	906	828	892	840	833	805	835	823	808	841	892	906	10209
ALL HOURS	MEAN	60.2	57.3	62.5	66.5	70.7	74.8	76.0	76.4	75.4	70.9	63.7	60.4	67.9
	S D	9.061	8.765	7.480	5.441	3.685	2.480	2.302	2.310	2.598	4.678	7.869	9.021	9.028
	TOTAL OBS	6851	6274	6951	6626	6725	6509	6751	6678	6505	6695	6473	6588	79626

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS)

HRS (L S T)		JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP	OCT	NOV.	DEC	ANNUAL
00-02	MEAN	56.9	52.1	58.7	62.7	66.7	72.4	73.4	74.2	72.6	68.4	60.6	56.8	64.4
	S D	11.004	10.269	8.887	7.053	4.846	2.363	2.067	2.103	3.084	5.411	9.325	10.615	10.353
	TOTAL OBS	729	665	741	671	647	627	647	644	621	639	618	621	7870
03-05	MEAN	56.2	51.7	58.1	62.5	66.6	72.2	73.4	74.0	72.4	68.1	59.7	55.7	64.0
	S D	11.695	10.919	9.524	7.175	4.835	2.335	1.868	2.097	3.114	5.624	9.663	10.986	10.761
	TOTAL OBS	723	671	740	673	649	627	649	644	626	631	618	604	7855
06-08	MEAN	55.5	52.2	58.2	62.1	67.4	72.4	73.5	74.1	72.6	66.9	59.1	55.0	64.4
	S D	11.494	11.050	9.597	7.284	4.537	2.599	2.369	2.436	3.093	6.282	9.810	11.126	10.716
	TOTAL OBS	847	780	895	868	921	889	928	909	890	899	794	788	10408
09-11	MEAN	57.1	53.3	58.7	62.5	67.8	73.2	74.7	75.1	73.5	67.8	60.3	56.8	65.2
	S D.	11.732	11.638	10.372	7.650	4.913	2.511	2.348	2.389	3.153	6.264	9.780	11.297	10.895
	TOTAL OBS	914	831	920	894	922	894	924	922	889	924	890	912	10836
12-14	MEAN	57.4	53.2	58.7	62.5	67.9	73.4	75.0	75.5	73.6	67.6	60.3	57.2	65.3
	S D	11.521	12.049	10.562	7.824	5.099	2.646	2.662	2.464	3.091	6.499	9.809	11.640	11.036
	TOTAL OBS	912	835	925	894	921	890	925	920	892	921	887	919	10841
15-17	MEAN	57.2	53.6	59.1	62.6	68.1	72.9	74.3	74.7	73.2	67.3	60.3	57.4	65.1
	S D	11.500	11.620	9.984	7.737	5.062	2.833	2.794	2.671	3.093	6.312	10.047	11.636	10.752
	TOTAL OBS	911	830	922	894	918	891	922	903	892	917	891	922	10813
18-20	MEAN	57.2	53.9	59.1	62.4	67.7	72.1	73.3	73.9	72.7	67.1	60.2	57.2	64.8
	S D	11.020	10.849	9.491	7.784	4.828	2.706	2.724	2.599	3.008	6.136	9.696	10.893	10.249
	TOTAL OBS	909	834	916	892	914	886	921	913	887	923	883	916	10794
21-23	MEAN	57.1	53.6	59.3	62.5	67.5	72.1	73.2	73.9	72.6	67.9	60.3	56.9	64.5
	S D	10.627	10.476	8.852	7.391	4.615	2.597	2.538	2.492	3.067	5.847	9.426	10.596	10.161
	TOTAL OBS	906	828	892	840	833	805	835	823	808	841	892	906	10209
ALL HOURS	MEAN	56.9	53.0	58.8	62.5	67.5	72.6	73.9	74.5	72.9	67.5	60.1	56.7	64.8
	S D	11.338	11.171	9.707	7.517	4.870	2.641	2.561	2.502	3.117	6.116	9.716	11.153	10.634
	TOTAL OBS	6851	6274	6951	6626	6725	6509	6751	6678	6505	6695	6473	6588	79626

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (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	99.3	98.1	94.9	86.0	69.8	47.5	21.5	77.7	6851
FEB		100.0	100.0	99.3	96.5	90.4	77.8	60.3	38.1	13.7	73.3	6274
MAR		100.0	100.0	99.3	97.3	91.5	79.9	64.7	43.1	16.5	75.0	6951
APR		100.0	100.0	99.5	98.0	90.7	73.9	55.6	31.4	10.0	71.5	6626
MAY		100.0	100.0	100.0	99.3	96.6	85.8	64.7	31.7	5.7	73.9	6725
JUN		100.0	100.0	100.0	100.0	99.1	97.1	83.1	46.9	10.5	79.5	6509
JUL		100.0	100.0	100.0	100.0	99.7	97.5	84.0	46.9	6.4	79.1	6751
AUG		100.0	100.0	100.0	100.0	100.0	99.0	85.4	54.2	14.8	80.9	6678
SEP		100.0	100.0	100.0	100.0	99.9	95.6	73.1	35.1	4.7	76.3	6505
OCT		100.0	100.0	100.0	99.7	96.6	82.1	59.8	30.9	8.3	73.3	6695
NOV		100.0	100.0	99.8	98.8	94.2	81.6	60.6	38.0	18.1	74.9	6473
DEC		100.0	100.0	99.6	97.7	94.2	83.6	65.7	41.1	16.8	75.7	6588
TOTALS		100.0	100.0	99.7	98.8	95.7	86.7	68.9	40.4	12.3	75.9	79626

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.9	99.3	98.1	94.0	81.9	64.6	34.2	83.5	729
	03-05	100.0	100.0	99.4	99.0	98.1	93.4	83.3	68.9	44.4	84.9	723
	06-08	100.0	100.0	99.6	99.6	98.8	93.6	84.9	63.4	39.0	84.5	847
	09-11	100.0	100.0	99.8	98.8	96.0	87.9	69.7	43.8	15.3	76.9	914
	12-14	100.0	99.9	98.7	95.8	88.6	69.4	45.3	19.2	3.0	67.6	912
	15-17	100.0	99.8	97.6	95.0	86.9	70.4	49.2	23.3	4.7	68.5	911
	18-20	100.0	100.0	99.1	97.8	95.2	86.8	67.4	45.1	12.1	76.0	909
	21-23	100.0	100.0	100.0	99.1	97.4	92.1	76.6	51.3	18.9	79.4	906
TOTALS		100.0	100.0	99.3	98.1	94.9	86.0	69.8	47.5	21.5	77.7	6851

4.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (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	99.4	97.0	90.8	78.0	52.0	20.0	79.5	665
	03-05	100.0	100.0	100.0	99.3	96.7	91.2	80.6	59.6	28.0	81.6	671
	06-08	100.0	100.0	100.0	99.7	97.1	92.9	80.1	58.3	26.4	81.6	780
	09-11	100.0	100.0	99.8	97.2	92.2	76.2	52.5	29.2	8.3	71.0	831
	12-14	100.0	100.0	97.1	90.2	78.4	52.6	29.2	13.7	2.9	61.9	835
	15-17	100.0	99.9	97.3	90.2	78.1	58.4	37.5	17.1	4.1	63.8	830
	18-20	100.0	100.0	99.9	96.9	88.4	75.2	57.6	32.3	6.8	71.3	834
	21-23	100.0	100.0	100.0	98.7	95.0	85.0	67.0	42.8	12.7	75.9	828
TOTALS		100.0	100.0	99.3	96.5	90.4	77.8	60.3	38.1	13.7	73.3	6274

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (PERIOD) MAR (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	99.9	98.5	91.4	83.5	63.7	23.3	81.9	741
	03-05	100.0	100.0	100.0	99.1	97.3	93.4	84.5	69.9	38.0	84.5	740
	06-08	100.0	100.0	100.0	99.7	98.0	92.4	82.6	64.2	30.6	82.9	895
	09-11	100.0	100.0	99.7	97.4	90.9	72.8	52.5	26.3	6.7	70.3	920
	12-14	100.0	100.0	97.8	93.1	78.1	60.6	37.2	16.4	2.6	64.0	925
	15-17	100.0	99.9	97.8	93.5	81.1	65.0	44.7	21.9	4.0	66.3	922
	18-20	100.0	100.0	99.3	96.4	90.9	77.2	60.8	36.2	10.2	72.8	916
	21-23	100.0	100.0	100.0	99.6	97.1	86.3	71.9	46.3	16.3	77.3	892
TOTALS		100.0	100.0	99.3	97.3	91.5	79.9	64.7	43.1	16.5	75.0	6951

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (PERIOD) APR (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	97.6	88.7	73.6	47.5	15.4	77.8	671
	03-05	100.0	100.0	100.0	100.0	97.6	89.2	78.0	59.6	27.3	81.1	673
	06-08	100.0	100.0	100.0	99.8	96.8	84.3	71.8	52.2	21.0	78.4	868
	09-11	100.0	100.0	99.6	97.9	88.0	65.2	42.1	15.4	2.1	66.4	894
	12-14	100.0	100.0	98.9	94.9	78.4	54.1	31.4	8.4	.9	62.2	894
	15-17	100.0	100.0	98.5	94.7	80.4	58.9	37.5	12.1	1.3	63.8	894
	18-20	100.0	99.9	99.3	97.6	91.0	71.4	51.7	24.6	3.8	69.3	892
	21-23	100.0	100.0	100.0	99.3	96.1	79.2	58.7	31.2	7.9	72.8	840
TOTALS		100.0	100.0	99.5	98.0	90.7	73.9	55.6	31.4	10.0	71.5	6626

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (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	99.5	94.0	78.5	47.4	6.6	78.1	647
	03-05	100.0	100.0	100.0	99.8	99.4	95.2	84.1	60.1	16.5	81.1	649
	06-08	100.0	100.0	100.0	100.0	99.5	94.4	83.0	49.6	11.0	79.2	921
	09-11	100.0	100.0	100.0	99.3	94.9	77.0	44.9	10.4	1.0	68.4	922
	12-14	100.0	100.0	99.9	97.7	89.3	68.0	36.9	9.3	1.3	65.9	921
	15-17	100.0	100.0	99.9	98.4	92.9	77.1	48.7	15.4	2.2	68.9	918
	18-20	100.0	100.0	99.8	99.5	97.6	88.4	65.8	26.1	3.1	73.4	914
	21-23	100.0	100.0	100.0	100.0	99.3	92.6	75.4	35.4	3.5	76.0	833
TOTALS		100.0	100.0	100.0	99.3	96.6	85.8	64.7	31.7	5.7	73.9	6725

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (PERIOD) JUN (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	99.8	98.1	76.9	17.1	85.1	627
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	85.5	29.7	87.5	627
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	96.1	66.9	16.4	83.7	889
	09-11	100.0	100.0	100.0	100.0	100.0	97.1	72.4	20.2	2.7	74.9	894
	12-14	100.0	100.0	100.0	100.0	99.2	90.2	56.5	14.5	1.5	72.0	890
	15-17	100.0	100.0	100.0	99.9	98.8	91.9	66.3	23.5	3.4	74.2	891
	18-20	100.0	100.0	100.0	100.0	99.9	98.1	83.5	35.4	5.1	77.9	886
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	92.9	52.3	8.3	80.9	805
TOTALS		100.0	100.0	100.0	100.0	99.7	97.1	83.1	46.9	10.5	79.5	6509

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12367 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (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	99.8	96.8	71.1	7.9	83.4	647
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.1	83.1	18.0	85.9	649
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	95.8	67.2	12.6	83.1	928
	09-11	100.0	100.0	100.0	100.0	100.0	97.6	71.5	21.5	1.1	74.8	924
	12-14	100.0	100.0	100.0	99.9	98.9	91.7	62.8	17.6	1.0	72.7	925
	15-17	100.0	100.0	100.0	100.0	98.9	93.9	68.8	21.0	1.2	74.1	922
	18-20	100.0	100.0	100.0	100.0	99.7	97.9	84.6	37.0	3.1	77.9	921
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	92.2	56.3	6.6	81.2	835
TOTALS		100.0	100.0	100.0	100.0	99.7	97.5	84.0	46.9	6.4	79.1	6751

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (PERIOD) AUG (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	86.6	26.9	87.1	644
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.8	90.5	38.2	88.6	644
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	95.5	70.4	25.4	84.5	909
	09-11	100.0	100.0	100.0	100.0	100.0	98.7	74.3	27.4	3.0	75.9	922
	12-14	100.0	100.0	100.0	100.0	99.8	97.0	62.7	20.8	1.2	73.8	920
	15-17	100.0	100.0	100.0	100.0	100.0	96.8	68.7	27.6	4.0	75.5	903
	18-20	100.0	100.0	100.0	100.0	100.0	99.2	86.5	44.8	6.8	79.2	913
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	95.3	65.1	12.5	82.7	823
TOTALS		100.0	100.0	100.0	100.0	100.0	99.0	85.4	54.2	14.8	80.9	6678

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 PERIOD | SEP 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	97.9	87.0	54.8	7.2	80.2	621
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	88.3	64.9	12.3	81.9	626
	06-08	100.0	100.0	100.0	100.0	100.0	98.8	88.1	53.4	9.7	80.3	890
	09-11	100.0	100.0	100.0	100.0	99.9	94.2	63.4	19.6	1.3	73.2	889
	12-14	100.0	100.0	100.0	100.0	99.1	89.2	45.9	7.1	.8	69.8	892
	15-17	100.0	100.0	100.0	100.0	99.8	91.1	54.4	13.5	.9	71.7	892
	18-20	100.0	100.0	100.0	100.0	100.0	97.2	75.2	29.2	1.2	75.7	887
	21-23	100.0	100.0	100.0	100.0	100.0	97.5	82.5	39.2	3.8	77.9	808
TOTALS		100.0	100.0	100.0	100.0	99.9	95.6	73.1	35.1	4.7	76.3	6505

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12967 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (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	99.8	91.9	76.1	47.9	14.2	78.6	639
	03-05	100.0	100.0	100.0	100.0	99.7	91.6	78.8	56.1	18.2	80.1	631
	06-08	100.0	100.0	100.0	100.0	99.3	88.5	69.7	43.3	14.5	77.1	899
	09-11	100.0	100.0	100.0	99.7	96.4	76.1	51.0	20.3	5.2	70.5	924
	12-14	100.0	100.0	100.0	98.8	90.2	64.9	36.0	10.3	1.6	65.8	921
	15-17	100.0	100.0	100.0	99.2	91.1	71.0	42.7	11.9	1.7	67.5	917
	18-20	100.0	100.0	100.0	100.0	97.7	83.6	57.4	23.9	3.9	72.0	923
	21-23	100.0	100.0	100.0	100.0	98.6	89.5	66.6	33.2	6.8	74.8	841
TOTALS		100.0	100.0	100.0	99.7	96.6	82.1	59.8	30.9	8.3	73.3	6695

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (PERIOD) NOV (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	99.2	95.0	80.3	60.4	34.1	82.9	618
	03-05	100.0	100.0	100.0	100.0	99.2	94.7	81.2	65.5	37.5	83.9	618
	06-08	100.0	100.0	100.0	100.0	99.0	92.4	75.2	52.8	30.2	81.0	794
	09-11	100.0	100.0	100.0	99.3	94.8	77.6	53.0	26.6	9.3	71.7	890
	12-14	100.0	100.0	99.3	96.2	84.4	58.3	32.1	13.5	1.7	64.0	887
	15-17	100.0	100.0	99.2	95.6	85.9	64.1	37.1	16.9	5.1	66.1	891
	18-20	100.0	100.0	100.0	99.0	94.3	81.8	56.3	27.4	10.9	72.7	883
	21-23	100.0	100.0	100.0	99.9	98.6	89.1	69.6	40.7	15.9	77.0	892
TOTALS		100.0	100.0	99.8	98.9	94.2	81.6	60.6	38.0	18.1	74.9	6473

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12867 STATION | PATRICK AFB FL/COCOA BEACH STATION NAME | 67-76 PERIOD | DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.5	98.7	92.4	79.4	54.1	29.0	81.4	621
	03-05	100.0	100.0	100.0	99.3	99.0	92.1	82.1	59.8	31.1	82.6	604
	06-08	100.0	99.9	99.9	99.6	98.4	93.0	80.1	57.2	27.4	81.8	788
	09-11	100.0	100.0	100.0	98.4	93.9	83.4	62.8	35.2	11.2	74.0	912
	12-14	100.0	100.0	98.5	93.1	85.4	66.5	40.5	16.4	3.6	65.9	919
	15-17	100.0	100.0	98.3	92.8	87.3	68.7	45.7	23.2	4.7	67.8	922
	18-20	100.0	100.0	99.9	98.8	94.3	83.1	63.1	38.4	10.0	74.4	916
	21-23	100.0	100.0	100.0	99.7	96.6	89.6	72.2	44.3	17.0	77.8	906
TOTALS		100.0	100.0	99.6	97.7	94.2	83.6	65.7	41.1	16.8	75.7	6588

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

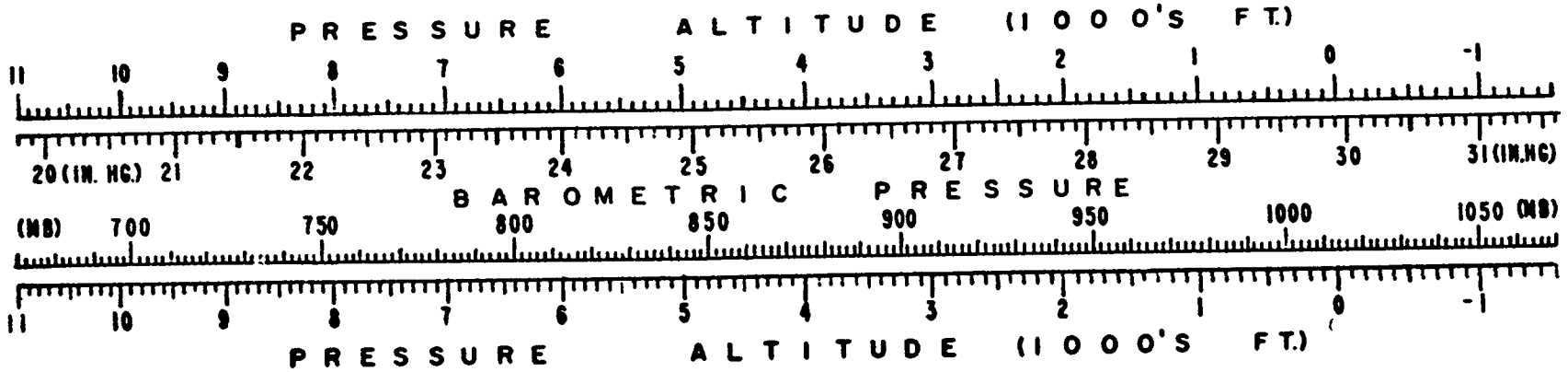
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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74-29867

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

4

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12867 STATION — PATRICK AFB FL/COCOA BEACH STATION NAME — 67-76 YEARS

HRS (L S T)		JAN	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	30.104	30.064	30.050	30.039	29.985	29.963	30.050	30.008	29.974	29.972	30.045	30.091	30.030
	S D	.126	.155	.147	.131	.105	.103	.064	.074	.080	.092	.125	.126	.124
	TOTAL OBS	244	222	247	225	216	209	186	215	206	216	208	214	2608
04	MEAN	30.096	30.046	30.023	30.017	29.965	29.942	30.027	29.983	29.951	29.953	30.032	30.080	30.011
	S. D.	.126	.156	.147	.129	.104	.101	.064	.074	.081	.088	.122	.126	.125
	TOTAL OBS	240	225	247	222	214	209	186	216	208	214	209	213	2603
07	MEAN	30.121	30.084	30.059	30.058	29.995	29.982	30.052	30.023	29.982	29.996	30.065	30.099	30.043
	S D.	.126	.151	.138	.124	.100	.097	.062	.073	.076	.102	.118	.129	.120
	TOTAL OBS	306	278	306	297	306	297	277	303	296	310	291	304	3571
10	MEAN	30.165	30.119	30.096	30.084	30.016	30.003	30.077	30.050	30.012	30.029	30.103	30.143	30.075
	S. D.	.129	.158	.143	.131	.105	.096	.065	.076	.079	.103	.120	.129	.125
	TOTAL OBS	306	282	307	298	308	297	276	308	296	308	296	308	3590
13	MEAN	30.113	30.081	30.061	30.058	29.994	29.984	30.060	30.031	29.985	29.991	30.051	30.087	30.041
	S D.	.132	.157	.150	.135	.109	.099	.068	.078	.082	.107	.125	.133	.125
	TOTAL OBS	306	281	308	296	306	296	278	305	297	306	295	305	3579
16	MEAN	30.084	30.036	30.017	30.014	29.956	29.953	30.027	29.996	29.948	29.963	30.024	30.061	30.006
	S D:	.133	.160	.153	.140	.108	.097	.066	.075	.080	.108	.127	.134	.126
	TOTAL OBS	306	279	307	295	307	297	278	297	297	303	297	308	3571
19	MEAN	30.109	30.054	30.027	30.021	29.962	29.960	30.032	29.998	29.958	29.982	30.049	30.08-	30.020
	S. D.	.130	.155	.151	.134	.105	.097	.066	.071	.077	.104	.121	.132	.125
	TOTAL OBS	301	277	304	298	304	292	278	306	296	306	292	303	3557
22	MEAN	30.130	30.085	30.061	30.053	29.995	29.986	30.059	30.030	29.991	30.009	30.069	30.106	30.048
	S D.	.126	.151	.143	.131	.104	.097	.065	.071	.078	.103	.120	.130	.122
	TOTAL OBS	304	280	307	296	308	297	278	306	299	307	298	307	3587
ALL HOURS	MEAN	30.116	30.072	30.050	30.044	29.984	29.973	30.049	30.017	29.976	29.989	30.056	30.094	30.035
	S D:	.131	.157	.148	.134	.107	.100	.067	.077	.082	.104	.124	.132	.126
	TOTAL OBS	2313	2124	2333	2227	2269	2194	2037	2256	2195	2270	2186	2262	26666

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12867 (STATION) PATRICK AFB FL/COCOA BEACH (STATION NAME) 67-76 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1020.2	1018.8	1018.3	1018.0	1016.0	1015.4	1018.6	1016.9	1015.7	1015.6	1018.1	1019.7	1017.7
	S D	4.295	5.290	4.973	4.439	3.671	3.452	2.153	2.479	2.720	3.126	4.223	4.278	4.204
	TOTAL OBS	245	222	246	224	216	209	215	215	206	216	208	214	2636
04	MEAN	1019.9	1018.2	1017.4	1017.2	1015.5	1014.7	1017.8	1016.1	1014.9	1015.0	1017.7	1019.3	1017.0
	S D	4.292	5.301	4.983	4.339	3.471	3.414	2.145	2.495	2.749	2.979	4.167	4.275	4.207
	TOTAL OBS	241	225	246	223	213	209	216	216	207	214	209	213	2632
07	MEAN	1020.7	1019.5	1018.6	1018.6	1016.4	1016.0	1018.6	1017.3	1016.0	1016.4	1018.8	1019.9	1018.1
	S D	4.288	5.126	4.678	4.199	3.370	3.311	2.112	2.646	2.577	3.466	3.988	4.395	4.072
	TOTAL OBS	306	278	306	297	306	294	307	303	296	310	292	305	3600
10	MEAN	1022.3	1020.7	1019.9	1019.5	1017.2	1016.7	1019.4	1018.3	1017.0	1017.6	1020.1	1021.4	1019.2
	S. D	4.365	5.315	4.838	4.476	3.545	3.291	2.194	2.538	2.702	3.555	4.065	4.364	4.245
	TOTAL OBS	304	279	307	298	308	297	304	306	289	307	297	308	3604
13	MEAN	1020.5	1019.4	1018.7	1018.6	1016.4	1016.1	1018.9	1017.7	1016.1	1016.3	1018.3	1019.5	1018.0
	S D.	4.481	5.331	5.081	4.604	3.669	3.342	2.296	2.692	2.774	3.637	4.237	4.524	4.236
	TOTAL OBS	305	281	306	297	305	296	308	305	297	306	296	305	3607
16	MEAN	1019.5	1017.9	1017.2	1017.1	1015.1	1015.0	1017.7	1016.5	1014.8	1015.3	1017.4	1018.6	1016.9
	S. D.	4.627	5.367	5.175	4.744	3.655	3.278	2.237	2.529	2.711	3.658	4.288	4.555	4.272
	TOTAL OBS	305	278	307	296	306	295	308	296	296	304	296	307	3594
19	MEAN	1020.3	1018.5	1017.5	1017.4	1015.4	1015.3	1017.9	1016.6	1015.2	1015.9	1018.3	1019.5	1017.3
	S D.	4.413	5.259	5.081	4.526	3.519	3.293	2.228	2.394	2.620	3.630	4.111	4.498	4.226
	TOTAL OBS	301	277	305	297	304	294	308	305	296	306	291	303	3587
22	MEAN	1021.1	1019.6	1018.7	1018.5	1016.5	1016.2	1018.8	1017.6	1016.3	1016.9	1018.9	1020.1	1018.3
	S D.	4.272	5.100	4.833	4.422	3.374	3.278	2.195	2.401	2.663	3.485	4.090	4.559	4.113
	TOTAL OBS	303	278	307	296	307	297	306	304	297	306	297	307	3605
ALL HOURS	MEAN	1020.6	1019.1	1018.3	1018.1	1016.1	1015.7	1018.5	1017.2	1015.8	1016.2	1018.5	1019.8	1017.8
	S. D.	4.451	5.319	5.020	4.538	3.590	3.376	2.268	2.619	2.772	3.561	4.215	4.506	4.257
	TOTAL OBS	2310	2118	2330	2248	2265	2191	2272	2250	2184	2269	2186	2262	26865